



New Jersey Department of Environmental Protection  
Division of Water Monitoring and Standards  
Bureau of Environmental Analysis, Restoration and Standards



# 2014 New Jersey Integrated Water Quality Assessment Report



**Atlantic Ocean at Rock Jetty, Long Branch, New Jersey**  
**Photo: Courtesy of Jon Dugan (AmeriCorps NJ Watershed Ambassador)**

**Final**  
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## Acknowledgements

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## Table of Contents

Executive Summary .....	i
Chapter 1: Introduction .....	1
1.1: Overview of New Jersey’s Surface Water Quality Standards, Monitoring, and Assessment .....	4
Surface Water Quality Standards .....	4
Water Quality Monitoring .....	4
Water Quality Assessment .....	5
1.2: Comprehensive Regional Assessment Using a Rotating Basin Approach .....	7
Chapter 2: Results of the 2014 Integrated Water Quality Assessment .....	8
2.1: Current Statewide Water Quality Conditions .....	10
2.2: Changes to New Jersey’s Integrated List .....	29
Parameters Delisted or Removed as Causes of Water Quality Impairment .....	32
Parameters First Listed or Added as Causes of Water Quality Impairment .....	33
2.3: Water Quality Conditions in the Atlantic Coastal Region .....	34
2.4: Water Quality Conditions in the Barnegat Bay Watershed .....	50
Chapter 3: Water Quality Trends .....	53
3.1: Chemical Trend Analysis Results .....	53
3.2: Trends in Biological Health of New Jersey Streams .....	55
Ambient Biological Monitoring Network (AMNET) .....	55
Fish Index of Biotic Integrity Network .....	60
3.3: Assessment of Coastal Phytoplankton .....	63
Chapter 4: New Jersey’s Water Quality Management Programs - Protecting and Restoring Water Quality .....	64
4.1: Surface Water Quality Standards, Monitoring and Assessment .....	65
Surface Water Quality Standards .....	65
Surface Water Quality Monitoring .....	66
Water Quality Assessment .....	67
4.2: Water Pollution Control - Regulatory Programs .....	68
Total Maximum Daily Load Program .....	68
NJPDES Permitting Program .....	69
Stormwater Management .....	72
Green Infrastructure .....	72
Soil Erosion and Sediment Control Act Implementation .....	73

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Coastal Management Program .....	73
Residuals, Biosolids, Sewage Sludge .....	74
4.3: Water Pollution Control: Non-regulatory Programs.....	74
New Jersey Nonpoint Source Management Program Plan .....	75
Watershed Based Plans .....	76
Agricultural Nonpoint Source Pollution Control Program .....	78
Coastal Nonpoint Source Pollution Control Program.....	80
Floatables Control .....	80
Don't Waste Our Open Space Initiative .....	81
4.4: New Jersey Environmental Infrastructure Financing Program.....	82
4.5: Land Acquisition for Water Quality Protection.....	83
Environmental Infrastructure Financing Program .....	83
Green Acres Program.....	83
4.6: Source Water Assessment.....	84
4.7: Water Education and Engagement of Partners .....	84
AmeriCorps NJ Watershed Ambassadors Program.....	84
Community Water Monitoring Program (Citizen Science and Volunteer Monitoring) .....	86
4.8: Regional Water Quality Initiatives .....	88
4.9: New Jersey's Wetlands Protection Program.....	89
4.10: Wetlands Monitoring, Assessment and Research.....	90
4.11: Water Compliance and Enforcement.....	91
4.12: Water Quality Assurance Program .....	91
4.13: Ground Water Quality Monitoring and Protection Programs.....	92
Ground Water Quality Standards.....	92
Ground Water Quality Monitoring .....	93
4.14: Air Quality Control.....	94
Chapter 5: Special State Concerns and Recommendations - Barnegat Bay .....	94
Action Plan Items #7 and #9:.....	96
Action Plan Item #3: Fertilizer Law .....	97
Chapter 6: Cost/Benefit Analysis.....	99
Chapter 7: Public Participation .....	101
Summary of the Public Participation Process for the 2014 Integrated List .....	101
Public Submission of Data.....	101
Public Review of Draft Documents .....	102

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Appendices.....	103
Appendix A: Designated Use Assessment Results.....	103
2014 Final Integrated List of Waters (Integrated List) – Sublists 1-5 .....	103
Changes in Designated Use Assessment Results from 2012 IR.....	103
2014 Final Parameter Assessment Results, Statewide.....	103
Appendix B: Causes of Use Non-support (Water Quality Impairment).....	103
2014 Final 303(d) List of Water Quality Limited Waters (303(d) List) with Sublist 5 Subparts and Priority Ranking for TMDL Development and Agency Responses to Public Comments .....	103
2014 Final Two-Year Schedule for Total Maximum Daily Load (TMDL) Development. 103	
Source(s) of Parameter(s) Causing Use Impairment (Sublists 4 and 5) .....	103
Assessment Unit/Pollutant Combinations Addressed by a USEPA-approved TMDL (Sublist 4A) .....	103
Appendix C: Causes Removed from Sublists 4 or 5.....	103
2014 Final Causes Removed from Sublist 5/303(d) List (Delisted Waters, with Reasons and Explanations) .....	103
2014 Final Causes Removed from Sublist 4 (with Reasons and Explanations).....	103
Appendix D: Causes Not Added to Sublist 5/303(d).....	103
2014 Final Decisions to Not List Causes on the 2014 303(d) List/Sublist 5 (Waters Not Listed, with Reasons and Explanations) .....	103
2014 Final Justification for pH Not Listed Due to Natural Conditions .....	103
Appendix E: Data Sources for the 2014 Integrated Report .....	103
Appendix F: Ground Water Quality Monitoring Results .....	103
Ambient Ground Water Quality Monitoring Network (1999-2008) .....	103
New Jersey Private Well Testing Results .....	103
Appendix G: New Jersey’s Vision Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program .....	103

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## Executive Summary

The 2014 Integrated Report launches a comprehensive, regional approach to water quality assessment that supports identification of specific causes and sources, and the development of management measures, tailored to the unique circumstances of one of New Jersey's five Water Regions each assessment cycle. This approach is needed to identify and manage all the sources contributing to water quality impairment (including point and nonpoint sources of pollution), land use planning, and other resource management tools. Public participation and local commitment to a common goal of water quality restoration is needed to achieve fully supported uses in all waters of the State. The Barnegat Bay Initiative served as a pilot for this approach, which has been expanded to the entire Atlantic Coastal Region (ACR) for this Integrated Report. Subsequent Integrated Reports will focus on different Water Regions, resulting in a comprehensive assessment of the entire state every 10 years.

***Use assessment results for the ACR's 293 assessment units (AUs) showed that water quality is generally better in the ACR than water quality statewide. Both statewide and ACR assessment results showed that public water supply and recreation uses had the highest percentage of use support; moreover, the relative percentage of all AUs fully supporting applicable designated uses was generally higher in the ACR.***



General Aquatic Life



Trout Aquatic Life



Water Supply



Recreation



Shellfish Harvest for Consumption



Fish Consumption

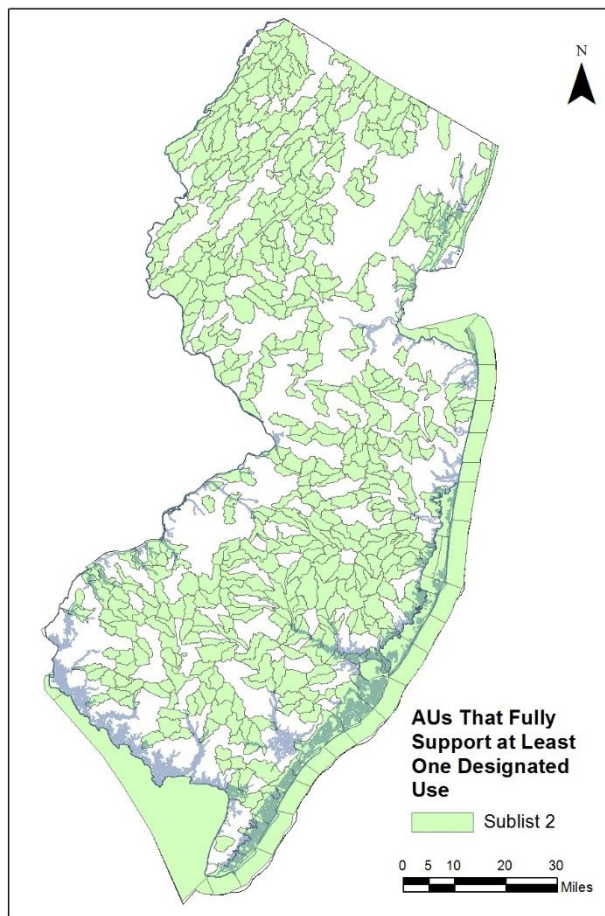
This report provides the information about New Jersey's water resources, current water quality conditions, and causes and sources of water quality impairment, needed to inform and guide water quality monitoring, restoration and protection efforts conducted at the state, regional, watershed and local levels. The information provided in this report is also used by Congress, the U.S. Environmental Protection Agency (USEPA), and the State of New Jersey to establish program priorities and funding for restoring, maintaining, enhancing and protecting waters of the State and the uses and benefits (public health, environmental, and economic) they provide.

The comprehensive regional assessment also allowed for consideration of results from nearby sampling stations and historical data to confirm current water quality conditions. Restoration activities that were associated with improved water quality were identified. Natural conditions were thoroughly investigated, such as low pH conditions in waters surrounding the Pinelands

Reserve and pH-influenced low dissolved oxygen levels within the Pinelands. Potential pollutant sources were also identified, specifically in impaired waters that had minimal development or point sources, such as within the Pinelands and other less developed watersheds. The final result of the comprehensive assessment of the ACR was an increase in the number of thorough, validated, high confidence assessment decisions regarding ambient water quality conditions, identification of data gaps to guide future water quality sampling, the identification sources of impairment on which to focus restoration activities, and the identification of new water quality issues for future investigation.

The Integrated Report summarizes results of both short-term and long-term water quality analysis. The bulk of the water quality data assessed for this report was generated during a five-year period, from January 1, 2008 through December 31, 2012. Such data provides a “snapshot” of water quality conditions over a relatively short period of time and also provides an overview of water quality conditions on a statewide basis; however, results vary every two years to meet the federally-required reporting cycle. Long-term monitoring data, including certain ambient chemical data, macroinvertebrate data, and fish population studies, provide a better indication of changes in water quality over time.

**Figure ES-1: AUs Fully Supporting One or More Uses**



Current water quality assessment results show that 55% of New Jersey’s 958 AUs fully support at least one designated use (Figure ES-1). A summary of statewide use assessment results is provided in Figure ES-2. The spatial extent and cause of use impairment varies across the State; however, both short and long-term data show correlations between use impairment, particularly aquatic life uses (Figure ES-2), and density of development. The Atlantic Coastal Region has the highest amount of fully supported designated uses of the New Jersey’s five Water Regions, followed by the Lower Delaware and Northwest Regions. Raritan and Northeast Water Regions have the lowest amount of fully supported uses (Figure ES-3).

Figure ES-2: Statewide Designated Use Assessment Results, 2014

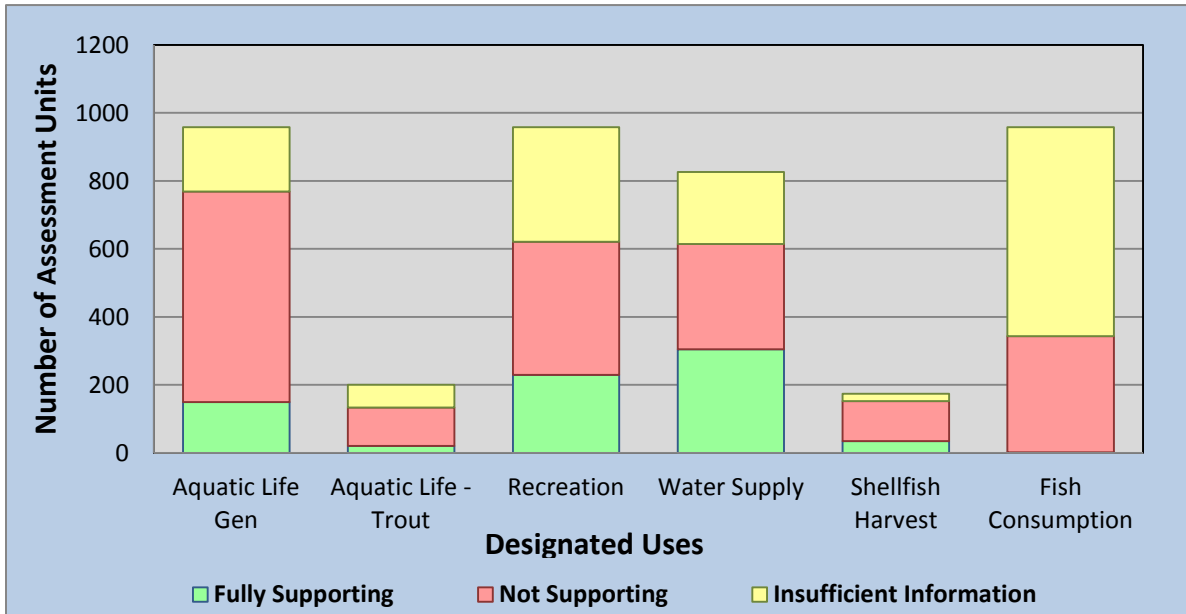
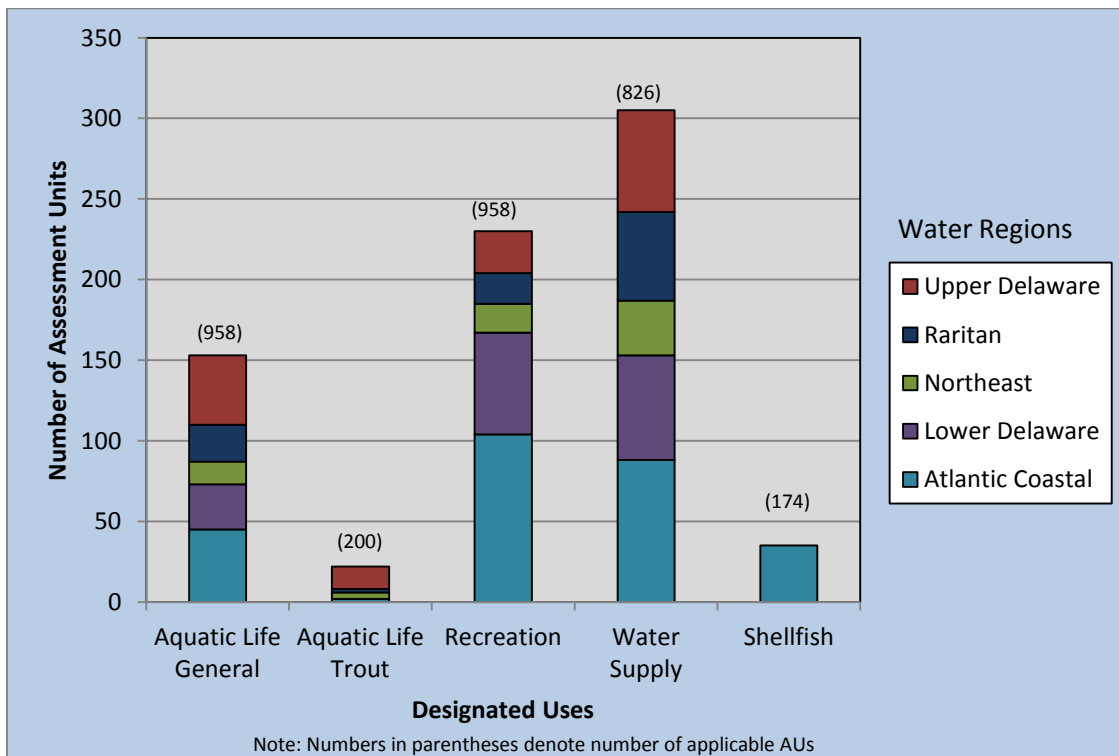


Figure ES-3: Number of AUs Fully Supporting Designated Uses, by Water Region





**Water Supply:** Thirty-seven percent of waters designated for the drinking water supply use fully support the use, 37% do not support the use and 26% have insufficient information to assess the use. All New Jersey freshwater streams and lakes are designated for potential use as drinking water supply; however, most of the waters that do not support this use are not used for drinking water purposes. Arsenic is the predominant cause of water supply use impairment; however, many of these impairments are due to naturally-occurring concentrations of arsenic.

**Recreation:** All waters of the State are designated for recreational use (e.g., swimming, boating). Most recreation occurs in ocean bathing beaches. All of New Jersey's ocean bathing beaches are fully swimmable. Twenty-four percent of all New Jersey waters, including lakes, ponds, rivers, and streams, fully support the recreational use, 41 percent do not support the use, and 35 percent have insufficient information. The Department has addressed pathogens (fecal coliform, *E. coli*, *Enterococcus*) through development of total maximum daily loads (TMDLs), as a regulatory response for most of these impairments.

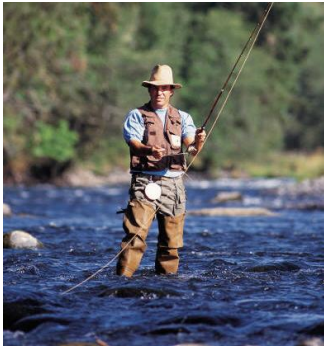


**Aquatic Life:** All waters of the State are designated for general aquatic life use and 80 percent have been assessed for this use. Sixteen percent of State waters fully support the general aquatic life use, 64 percent do not support the use, and 20 percent have insufficient information to assess the use. Ten percent of waters designated for the trout aquatic life use fully support this use, 57 percent do not support this use, and 33 percent have insufficient information. Nutrient-related parameters, particularly total phosphorus (TP), are the primary cause of general aquatic life use impairment. Over 100 TP TMDLs have been established to date. Temperature is the primary cause of trout use impairment.

**Shellfish Harvest for Consumption:** Almost ninety percent of shellfish waters are classified as harvestable. Harvestable waters include: approved with no restrictions, seasonal harvest, and special restrictions. Only shellfish waters approved with no restrictions are considered to be fully supporting the designated use. Twenty percent of New Jersey's shellfish waters fully support this use; 67 percent do not support this use, and 13 percent have insufficient information. Total coliform is the cause of shellfish use impairment but TMDLs have been developed for most of the impaired shellfish waters.



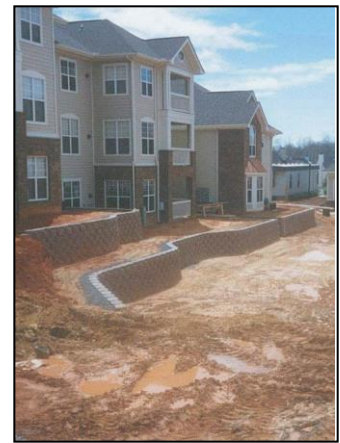




**Fish Consumption:** All New Jersey waters are designated for fish consumption. A very small percentage (<0.5 percent) of waters fully support the fish consumption use, 36 percent do not support the use, and sixty-four percent have insufficient information. The Department issues both statewide and waterbody-specific fish consumption advisories for impaired waters. Specific consumption levels are recommended for the general population and for high-risk groups including infants, children, pregnant or nursing mothers, and women of childbearing age. Bioaccumulative toxic pollutants are the cause of use impairment; however, many of these pollutants are no longer

being manufactured and are considered to be “legacy” pollutants, such as DDT and its metabolites.

**Trends:** Water quality trend analyses conducted using data collected as far back as 1975 indicate that overall water quality has generally improved since the mid 1970’s, particularly with respect to total phosphorus and total nitrogen (nutrients). This improvement is most likely due to the upgrade and regionalization of wastewater treatment plants that occurred throughout the State in the late 1980’s through the early 1990’s, as well as improved treatment for nutrients in New Jersey Pollution Discharge Elimination System (NJPDES) permits, implementation of Section 319(h) nonpoint source pollution control projects, and stewardship activities at the local level aimed at reducing nonpoint source of pollution.

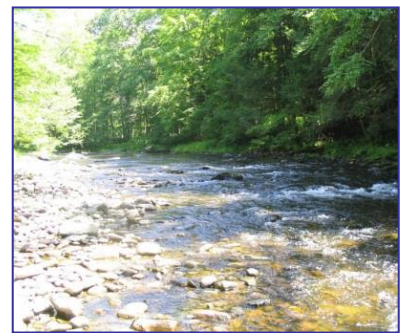


*Photo courtesy of the USDA NRCS*



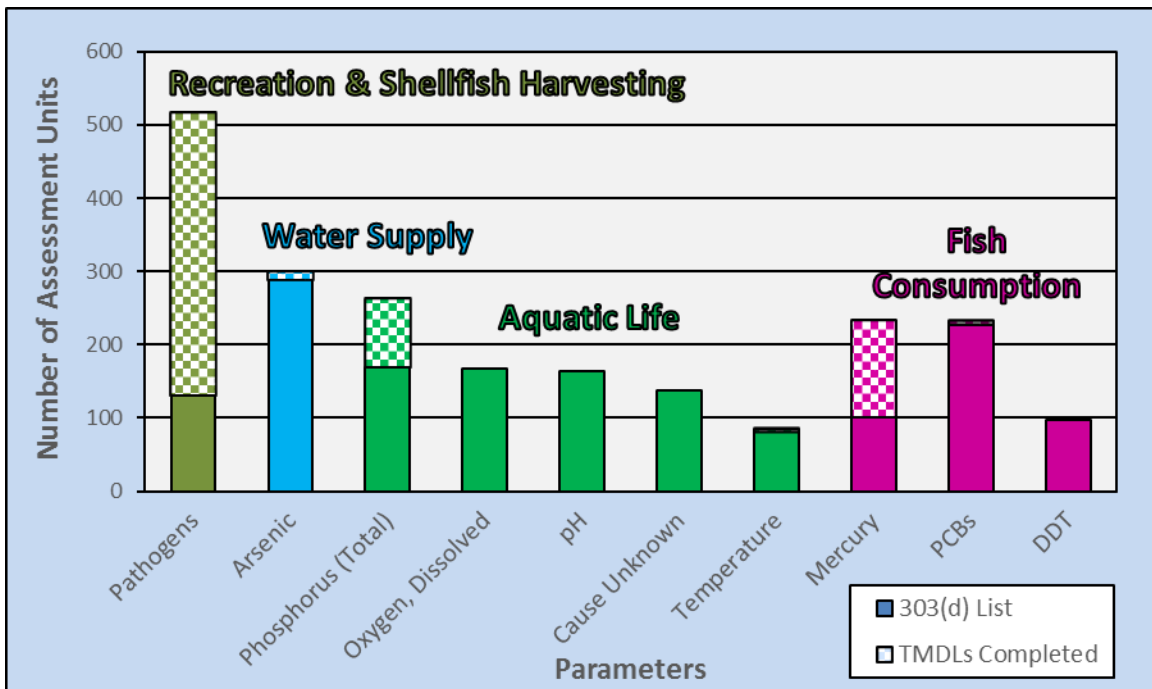
Declining water quality trends for nitrate, total dissolved solids (TDS) and chlorides were also observed. Ammonia reduction measures implemented at waste treatment plants oxidize ammonia to form nitrate, resulting in increased nitrate concentrations over time. Runoff from urban and agricultural areas, including runoff of salt used to control ice on roadways, are the likely cause of increased TDS and chloride concentrations over time.

Biological trends analysis shows a correlation between biological impairment and anthropogenic factors such as land use, total urban land, total upstream wastewater flow, increase in impervious surface, and decrease in forests and wetlands in a stream’s drainage basin. Biological data for fish communities also showed a correlation between impairment and human activity, such as increased impervious cover, siltation, and increased run-off from stormwater outfalls.



The 303(d) List identifies pollutant causes of water quality impairment that require TMDL development. The 2014 303(d) List identifies 40 different causes of impairment for a total of 1,958 assessment unit (AU)/pollutant combinations (some AUs are impaired by multiple causes). Causes already covered by an approved TMDL are identified on Sublist 4 of the Integrated List. Of all causes of water quality impairment, five of the top ten are associated with the aquatic life use, including total phosphorus (TP). TMDLs have been established for 74% of the pathogens, 56% of the mercury, and 35% of the TP causing use impairment.

**Figure ES-4: 2014 Top Ten Causes of Use Impairment<sup>1</sup>**



Over 120 AU/pollutant combinations were delisted from the 2014 303(d) List for various reasons (see Section 2.2). Forty-five percent of these delistings were due to water quality improvement. Another 44 AU/pollutant combinations previously covered by a TMDL are meeting water quality criteria.

Controlling TP and other nutrient-related parameters is one of New Jersey’s top priorities. Studies show that the impact of nutrients on water quality is strongly influenced by other environmental factors such as sunlight availability, stream velocity and water clarity. The Department has developed a [Nutrient Criteria Enhancement Plan \(NCEP\)](#) that explains the Department’s approach to developing and enhancing the existing



<sup>1</sup> Aquatic life use impairment is attributed to “cause unknown” when biological data shows impairment but chemical data is either unavailable or does not exceed applicable water quality standards; therefore, the pollutant cause of aquatic life use impairment is unknown (see 2014 Methods Document, available on the Department’s Web site at [http://www.state.nj.us/dep/wms/bears/2014\\_integrated\\_report.htm](http://www.state.nj.us/dep/wms/bears/2014_integrated_report.htm)).



nutrient criteria and policies to protect designated uses of all New Jersey's surface waters. The Barnegat Bay, which is the subject of the Governor's 10-Point Action Plan, is identified as a priority for estuarine criteria development in the NCEP, in order to meet Item 7 of the Action Plan: "Adopt more rigorous water quality standards" for nutrients in the Barnegat Bay.



*Photo courtesy of the USDA Natural Resources Conservation Service*

The Department has also approved seventeen Watershed Restoration and Protection Plans, also referred to as Watershed Based Plans (WBPs), developed under the Department's Section 319(h) NPS control grant program. WBPs identify causes and sources of pollution, estimate pollutant loading and the expected load reductions, develop management measures that will achieve load reductions, identify resources and authority needed to implement the management measures, and monitor and track implementation and water quality improvement.

The Department administers numerous programs to restore, maintain, and enhance water quality (Chapter 4). These programs include regulatory and non-regulatory water pollution control programs along with pollution prevention through education, outreach and stewardship programs for volunteer and community groups. These community-based programs have removed 1,930 tons of debris from waterways, beaches, greenways and roads. Watershed cleanup efforts in Barnegat Bay, Raritan River, Great Falls, and Brigantine involved almost 20,000 volunteers who collected over 11,000 bags of litter and 34 tons of recyclables across 131 miles in 2014 alone, along with collection of over 8,000 tires illegally disposed on public property. The Department's Clean Shores Program uses inmates from state correctional facilities to remove wood and garbage from tidal shorelines. Cleaning up these wastes helps prevent marine debris from washing up on recreational ocean bathing beaches. This program has removed over 125 million pounds of debris from New Jersey beaches since its inception in 1989.

The success of the Department's water quality management programs is supported by the results of the water quality trends analysis, which shows improving and stabilizing conditions over time (Chapter 3). These improvements are the result of significant financial investment, including millions of dollars in grants awarded for water quality planning, restoration, land acquisition, and wastewater facility infrastructure improvements, operations, and maintenance (Chapter 6). Over the past 25 years, more than \$6 billion dollars has been financed through the NJ Environmental Infrastructure Financing Program to upgrade wastewater treatment facilities, reduce infiltration/inflow, control discharges from Combined Sewer Overflows (CSOs), construct sludge handling facilities, improve stormwater runoff, and close landfills. Public entities continue to collectively spend well over \$1 billion per year to provide clean water for public and ecological health - money that is generated through local taxes and user fees. These investments have generated tangible results - increased beach days, trout waters, and shellfish harvests - that yield economic benefits for the entire State.

New Jersey is the fifth smallest and most densely populated state in the Nation. It is also one of the most geologically and hydrogeologically diverse states, with over 18,000 miles of rivers and

streams; over 50,000 acres of lakes, ponds, and reservoirs; 950,000 acres of wetlands; 260 square miles of estuaries; 127 miles of coastline; and over 450 square miles of ocean under its jurisdiction. The combination of population density, diversity of natural resources, and a wide range of industries and land uses presents unique challenges to protecting New Jersey's water resources and these uses.

New Jersey's surface waters provide much of the water used for public drinking water, as well for recreation, fish consumption and shellfish harvesting for consumption; yet most of the State's streams, lakes, ponds, bays, ground waters and ocean waters are impacted to some degree by both point and nonpoint sources of pollution. Protecting and restoring our water resources from such impacts has a direct and positive impact on the State's economy, particularly dollars generated by tourism, including recreational boating, swimming, and fishing, as well as from commercial fisheries, including shellfish, and the seafood industry. The Department estimates that the economic value of New Jersey's aquatic ecosystems at more than 19 billion dollars<sup>2</sup>.

The full 2014 Integrated Report is available on the Department's website at <http://www.state.nj.us/dep/wms/bears/assessment.htm> along with other related documents.



<sup>2</sup> NJDEP. Valuing New Jersey's Natural Capital: An Assessment of the Economic Value of the State's Natural Resources. April 2007. <http://www.nj.gov/dep/dsr/naturalcap>. Table 7.1 is based on data from Table 4 of Part II this report. Dollar amounts were converted from 2004 to 2009 dollars using the change in the Consumer Price Index for All Urban Consumers published by the U.S. Department of Labor's Bureau of Labor Statistics at <http://www.bls.gov/cpi/>.

## Chapter 1: Introduction

New Jersey is the fifth smallest and most densely populated state in the Nation and is one of the most geologically and hydrogeologically diverse. New Jersey has a variety of surface waterbody types that range from intermittent streams to large river systems (a significant number of which are tidally influenced); acres of lakes, ponds, and reservoirs; and miles of estuarine and coastal (ocean) waters. Wetlands are found near most surface waterbodies, both freshwater and saltwater. New Jersey’s surface water systems are located in a wide variety of geologic settings, from the glaciated regions of northern New Jersey to the coastal plain of southern New Jersey, and include ecologically unique and/or protected areas such as the Pinelands and the Highlands regions<sup>3</sup>. This combination of population density, diversity of natural resources, and a wide range of industries and land uses presents unique challenges in protecting New Jersey’s water resources.

**Table 1: New Jersey Population, Area, and Water Resources<sup>4</sup>**

Resource	Extent
State Population (2010) <sup>5</sup>	8,791,894
State Total Area (square miles)	8,204
State Total Land Area (square miles)	7,505
<b>Rivers and Streams:</b>	
Miles of nontidal rivers and streams	11,702
Miles of tidal rivers and streams	6,424
Miles of rivers and streams (total)	18,126
Border miles shared rivers/streams (nontidal and tidal)	197
<b>Lakes, Ponds and Reservoirs;</b>	
Number of named lakes and ponds	1,747
Acres of named lakes and ponds	37,834
Number of Reservoirs	43
Acres of Reservoirs	14,970
Total Acres of named lakes and ponds and reservoirs	52,804
Number of significant publicly owned lakes/reservoirs/ponds	380
Acres of significant publicly owned lakes/reservoirs/ponds	24,000
<b>Estuaries and Ocean:</b>	
Square Miles of Estuaries	260
Miles of Ocean Coast (linear miles)	127
Miles of Ocean Coast (sq. mi. of jurisdictional waters)	454
<b>Wetlands:</b>	
Acres of Freshwater Wetlands	739,160
Acres of Tidal Wetlands	209,269
Total Acres of Wetlands	948,429

<sup>3</sup>NJDEP. Site Remediation Program. “Characterization of Contaminated Ground Water Discharge to Surface Water Technical Guidance – DRAFT”. June 2015. Trenton, New Jersey. p.3.

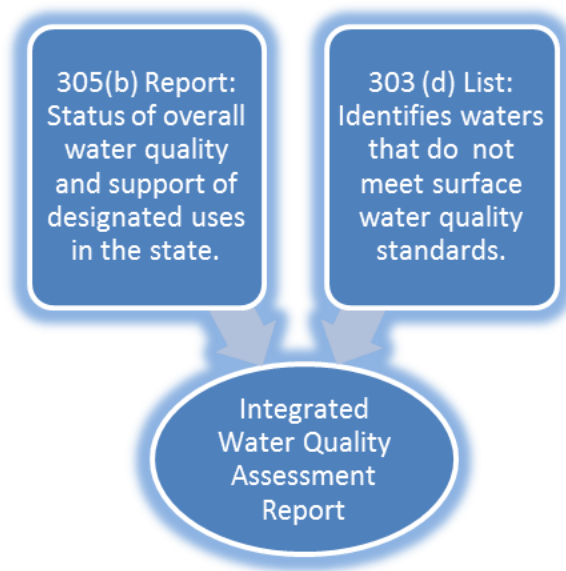
<sup>4</sup>The spatial extents shown in this table are calculated from the Department’s GIS coverages for the applicable water resource, including streams, surface water quality classification, water bodies, and wetlands (2002).

<sup>5</sup>State of New Jersey Department of Labor and Workforce Development. [http://lwd.dol.state.nj.us/labor/lpa/dmograph/Demographics\\_Index.html](http://lwd.dol.state.nj.us/labor/lpa/dmograph/Demographics_Index.html).



Water quality standards, monitoring, and assessment provide the scientific foundation for the protection of New Jersey's water resources and implementation of the federal Clean Water Act, the New Jersey Water Quality Planning Act, and the New Jersey Water Pollution Control Act. The federal Clean Water Act mandates that states submit biennial reports to the U.S. Environmental Protection Agency (USEPA) describing the quality of their waters. Section 305(b) requires submission of a biennial water quality inventory (305(b) Report) that assesses overall water quality and support of designate uses of all principal waters, as well as strategies to maintain and improve water quality.

The 305(b) Reports are used by Congress and USEPA to establish program priorities and funding for federal and state water resource management programs. Section 303(d) requires submission of a biennial list of water quality-limited waters (303(d) List), which identifies waters that are not supporting designated uses because they do not meet surface water quality standards despite the implementation of technology-based effluent limits. States must prioritize waters on the 303(d) List for development of Total Maximum Daily Load (TMDL) analyses or alternative approaches and identify those high priority waters on the 303(d) List for which they anticipate establishing TMDLs in the next two years. These separate requirements were integrated in 2002 to produce one biennial report: The Integrated Water Quality Assessment Report (Integrated Report).

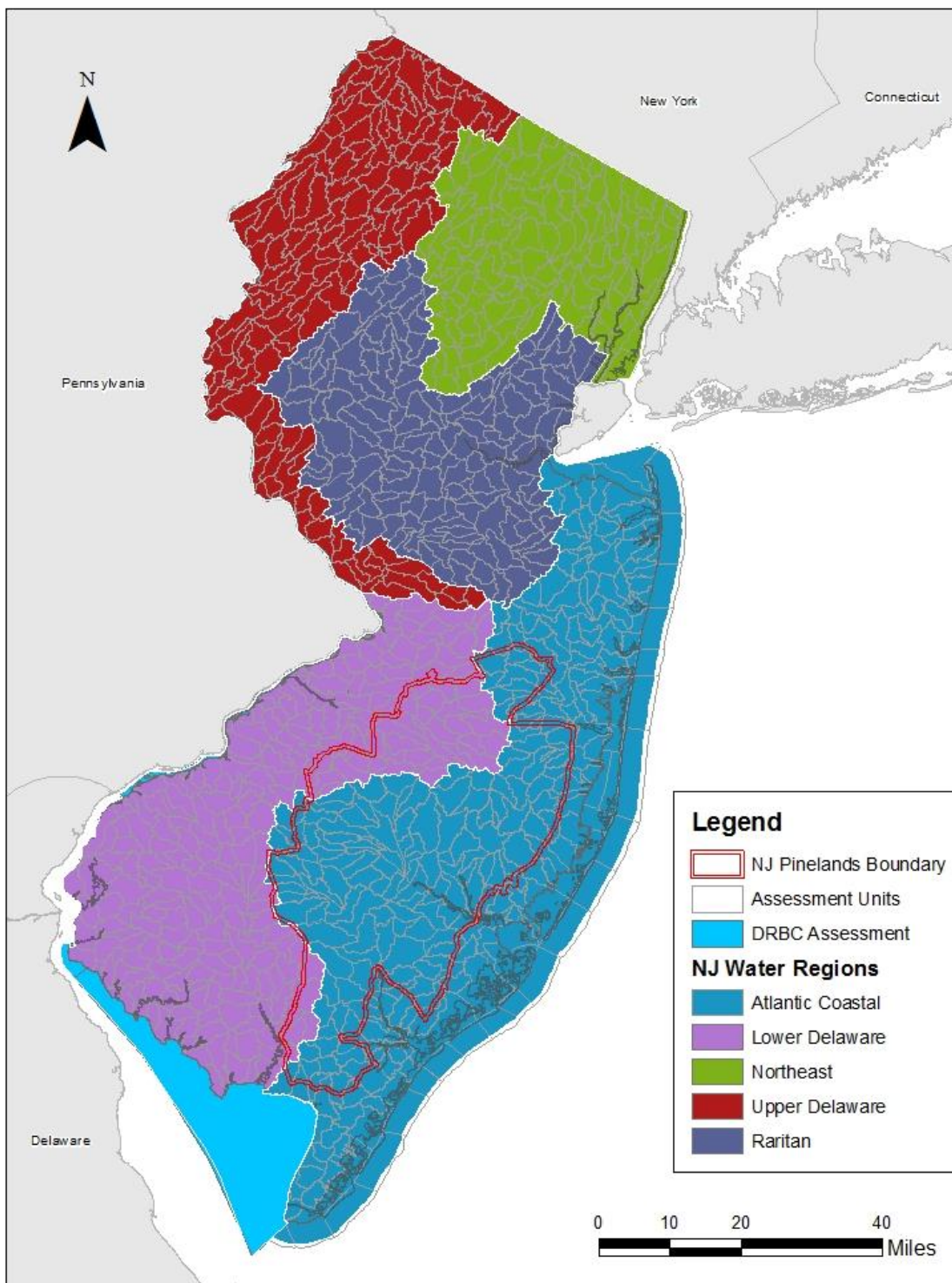


The Integrated Report presents New Jersey's water quality assessment results on an assessment unit level. Assessment units (AUs) represent the scale at which waters of the State are grouped for assessment purposes. New Jersey's 958 AUs are delineated based on the U.S. Geological Survey (USGS) 14-digit Hydrologic Unit Code (HUC) boundaries, except for waters of the Barnegat Bay Estuary and the Delaware River, and are grouped within five Water Regions (see Figure 1.1). The Department's 2013 study of the Barnegat Bay<sup>6</sup> resulted in a new delineation of assessment units that better reflect water quality response to stressors impacting the Estuary. The intra-state waters of the Delaware River are assessed by the Delaware River Basin Commission (DRBC) based on their configuration of river "zones".<sup>7</sup>

<sup>6</sup> NJDEP. Assessment of Designated Use Support within Barnegat Bay. New Jersey Department of Environmental Protection. Trenton, NJ. June 2014. Available on NJDEP's Web site at [http://www.state.nj.us/dep/barnegatbay/docs/barnegat\\_bay\\_interim\\_assessment\\_06\\_26\\_2014.pdf](http://www.state.nj.us/dep/barnegatbay/docs/barnegat_bay_interim_assessment_06_26_2014.pdf).

<sup>7</sup> DRBC. 2014 Delaware River and Bay Water Quality Assessment. Delaware River Basin Commission. West Trenton, NJ. August 2014. Available on DRBC's Web site at <http://www.state.nj.us/drbc/library/documents/WQAssessmentReport2014.pdf>.

Figure 1.1: New Jersey's Assessment Unit and Water Region Boundaries, 2014



## 1.1: Overview of New Jersey's Surface Water Quality Standards, Monitoring, and Assessment

Water quality standards, monitoring, and assessment provide the scientific foundation for protecting and restoring New Jersey's water resources. As outlined below, these programs serve to direct and support the Department's efforts to formulate responses to protect and restore water quality. These efforts include regulatory (e.g., permits), non-regulatory (e.g., environmental education, local stewardship), and funding activities. These programs are explained in more detail, along with other water quality management programs, in Chapter 4.

### *Surface Water Quality Standards*

New Jersey's surface water quality standards (SWQS) establish stream classifications and antidegradation designations for all surface waters of the State. The stream classifications reflect the designated uses assigned to individual surface waters of the State. The SWQS also specify the water quality criteria that correspond with the stream classifications and which are necessary to achieve the designated uses. Designated uses of New Jersey waters include public water supply, aquatic life, recreation, fish consumption, and shellfish harvest for consumption (see the SWQS rules at [http://www.nj.gov/dep/rules/rules/njac7\\_9b.pdf](http://www.nj.gov/dep/rules/rules/njac7_9b.pdf)).

### *Water Quality Monitoring*

Water quality monitoring supports the Department's efforts in developing and refining water quality standards, reporting on water quality conditions, listing impaired waters, issuing and enforcing discharge permits, managing nonpoint sources of pollution, protecting high quality waters, setting priorities for water quality restoration, tracking changes in water quality over time, and evaluating the effectiveness of restoration and protection actions necessary to achieve the federal Clean Water Act goal to "restore and maintain the chemical, physical and biological integrity of the Nation's waters".

The Department operates the primary water quality monitoring networks for New Jersey, which are described in detail in the Department's Long Term Monitoring Strategy (see <http://www.state.nj.us/dep/wms/longtermstrategyreport.pdf>) and the Division of Water Monitoring and Standards website (see <http://www.state.nj.us/dep/wms/bfbm/> and <http://www.state.nj.us/dep/wms/bmw/>). The Department's current ambient surface water quality monitoring program is based on the ambient surface water quality monitoring network that was established in the mid -1970's in accordance with the federal Clean Water Act and subsequently expanded to address additional state and national water quality assessment needs. While some original monitoring stations have remained within the network (providing long-term water quality information), the program is continually updated and refined to reflect the changing water quality monitoring needs of the State. Components of the current monitoring program include the Ambient Surface Water Quality Monitoring Network (ASWQMN), a cooperative NJDEP / USGS program that monitors 112 stations quarterly (see <http://www.state.nj.us/dep/wms/bfbm/surfacewater.html>); the Regional Targeted Water Quality Network (RTWQN); and the Probabilistic Water Quality and Biological Network (PWQBN), NJDEP programs that monitor an additional 63 stations (12 RTWQN and 51 PWQBN),

providing enhanced regional coverage and statistically representative statewide coverage (see <http://www.state.nj.us/dep/wms/bfbm/saswmn.html>). Together these networks provide data that enable the Department to:

- Track status and trends in ambient water quality;
- Establish background water quality;
- Correlate water quality with specific land uses;
- Coordinate water chemistry and biological data; and

These networks employ multiple techniques, including collection of physical/chemical data from all waters of the State; biological monitoring, such as benthic macroinvertebrates and fish assemblage surveys and habitat assessment; pollutant source tracking in the coastal and freshwater environment (e.g., illicit discharges, stormwater, marinas); and probabilistic monitoring used to generate statistical estimates of water quality conditions statewide to support USEPA's national aquatic resource surveys (see <https://www.epa.gov/national-aquatic-resource-surveys>). The results of New Jersey's statistical surveys are available on the USEPA ATTAINS website at [https://ofmpub.epa.gov/waters10/attains\\_state.control?p\\_state=NJ](https://ofmpub.epa.gov/waters10/attains_state.control?p_state=NJ).

While the majority of water quality data used for assessment purposes is generated by the Department, various monitoring organizations and other partners also collect relevant data. These include federal and county government agencies, regional commissions (e.g., Pinelands Commission) watershed associations and other voluntary citizen monitoring, and discharger associations. The Integrated Report is generated using data from all the Department's surface water quality monitoring networks along with relevant data from our monitoring partners that meets all data requirements and quality controls set forth in the corresponding Integrated Water Quality Assessment Methods (Methods Document). An explanation of any data sets not used for the 2014 Integrated Report is provided in Appendix E.

### *Water Quality Assessment*

The 2014 Integrated Report describes the overall quality of New Jersey's surface waters based on existing, readily available data collected generally between January 1, 2008 and December 31, 2012. The Department compiles data available from various public data repositories and evaluates it to verify that the data meets the Department's data quality requirements. Data is then assessed using scientific methods developed specifically for the applicable type of parameter, designated use, and waterbody to determine compliance with New Jersey's surface water quality standards (SWQS). These methods are described in detail in the final 2014 Methods Document (February 2015), which is available on the Department's website at [http://www.state.nj.us/dep/wms/bears/docs/2014\\_final\\_methods\\_document\\_and\\_response\\_to\\_comments.pdf](http://www.state.nj.us/dep/wms/bears/docs/2014_final_methods_document_and_response_to_comments.pdf).

Parameters are assessed as attaining or not attaining the applicable SWQS at each station for which there is sufficient data to compliance. Data from all stations located within each assessment unit (AU) are assessed collectively to determine if the applicable designated uses are fully supported, not supported, or if there is insufficient information to assess the use. AUs assessed as "not supporting" a designated use include those that require a TMDL for pollutant



cause(s) of use impairment as well as those covered by an approved TMDL that has not yet attained the applicable water quality standards necessary to fully support the use. These assessment results correspond to placement on the Integrated List (see Table 1.1), which identifies which waters are fully supporting all or some of the applicable designated uses (Sublists 1 and 2), which waters are not supporting one or more designated uses (Sublists 4 and 5), and which waters have insufficient data to assess use support (Sublist 3). Placement on these sublists enables the Department to develop, prioritize and implement appropriate response strategies including protection of high quality waters, additional monitoring to fill data gaps, and restoration activities to address impairment.

**Table 1.1: Components of New Jersey’s Integrated List of Water (Integrated List)**

<b>Sublist 1</b>	An assessment unit is fully supporting all applicable designated uses and no uses are threatened. (The Department does not include the fish consumption use for determining placement on this sublist.)
<b>Sublist 2</b>	The assessment unit is fully supporting the designated use but is not supporting all applicable designated use(s).
<b>Sublist 3</b>	Insufficient data and information are available to determine if the designated use is fully supported.
<b>Sublist 4</b>	One or more designated uses are not supported or are threatened but TMDL development is not required because of one of the following reasons:
<b>Sublist 4A</b>	A TMDL has been completed for the parameter causing designated use non-support.
<b>Sublist 4B</b>	Other enforceable pollutant control measures are reasonably expected to result in fully supporting the designated use in the near future.
<b>Sublist 4C</b>	Non-support of the designated use is caused by something other than a pollutant.
<b>Sublist 5</b>	One or more designated uses are not supported or are threatened by a pollutant(s), that requires development of a TMDL.
<b>Sublist 5A</b>	Arsenic does not attain standards, but concentrations are below those demonstrated to be from naturally occurring conditions.
<b>Sublist 5L</b>	Designated use impairment is caused by a “legacy” pollutant that is no longer actively discharged by a point source.
<b>Sublist 5R</b>	Water quality impairment is not effectively addressed by a TMDL, such as nonpoint source pollution that will be controlled under an approved watershed restoration plan or 319(h) Watershed Based Plan.

The 2014 Integrated List contains three new subparts to address water quality impairment: Sublist 5A (Arsenic Naturally Occurring) identifies AUs where arsenic does not attain standards, but concentrations are below those demonstrated to be from naturally occurring conditions; Sublist 5L (Legacy pollutants) identifies AUs where designated use impairment is caused by a “legacy” pollutant that is no longer actively discharged by a point source; and Sublist 5R (watershed restoration) identifies AUs for which water quality impairment is not effectively addressed by a TMDL, such as nonpoint source pollution that will be controlled under an approved watershed restoration plan or 319(h) Watershed Based Plan. Development of a watershed restoration plan can be an effective alternative to a formal TMDL to characterize pollutant sources, the

reductions needed to attain standards, and the means to achieve the reductions. Pollutant causes of use impairment on Sublist 5 are placed on the 303(d) List, which also identified their priority ranking for TMDL development (H, M, L). TMDLs for AUs/pollutant combinations identified on Sublists 5A, 5L and 5R are assigned a low priority for TMDL development since alternative restoration measures are being pursued. The new structure of the 2014 Integrated List and the rationale for each subpart is explained in detail in the 2014 Methods Document (see 7.0 Integrated List Guidance).

Another enhancement to the assessment process implemented for the 2014 Integrated Reporting cycle was the implementation of comprehensive regional assessment using a rotating basin approach. This new approach allowed the Department to consider multiple water resource concerns using a wide array of watershed information and water chemistry, physical, and biological data to produce a robust assessment of environmental conditions affecting water quality in the Atlantic Coastal Region, one of New Jersey's five Water Regions. Each subsequent assessment cycle will focus on another water region under a rotating basin approach that will result in a comprehensive assessment of the entire State every 10 years. The new regional assessment approach is explained in the following section.

## 1.2: Comprehensive Regional Assessment Using a Rotating Basin Approach

The Department initiated the Barnegat Bay Ten-Point Action Plan in 2010 as a model for regional water quality assessment and restoration.<sup>8</sup> This approach encourages the development of measures to restore, maintain, and enhance water quality uses tailored to address an issue or a region. Measures developed are designed to maximize effectiveness and efficiency in achieving positive environmental outcomes. This approach is consistent with USEPA guidance related to strategies and priorities for water quality restoration, "A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program".<sup>9</sup> To advance this approach, the Department refined its assessment methods for the 2012 Integrated Report to include an in-depth analysis of any changes in assessment outcomes from the prior cycle. This more comprehensive assessment was used to confirm water quality conditions by considering water chemistry, physical, and biological data along with other factors such as hydrology, geology, land use, habitat, and other relevant environmental considerations. This allowed the Department to address multiple water resource concerns based on an assessment of the specific environmental conditions affecting the focus areas. Beginning with the 2014 cycle, this approach was enhanced to include a thorough evaluation of the broader set of factors. Assessment decisions in the Atlantic Coastal Region were based on multiple lines of evidence to confirm water quality conditions, including water quality monitoring data and other factors including hydrology, geology, land use, biological habitat conditions, meteorology, restoration activities, point and nonpoint sources, use designation, stream classification, and other environmental considerations relevant to determining overall water quality, resulting in a high degree of confidence in the

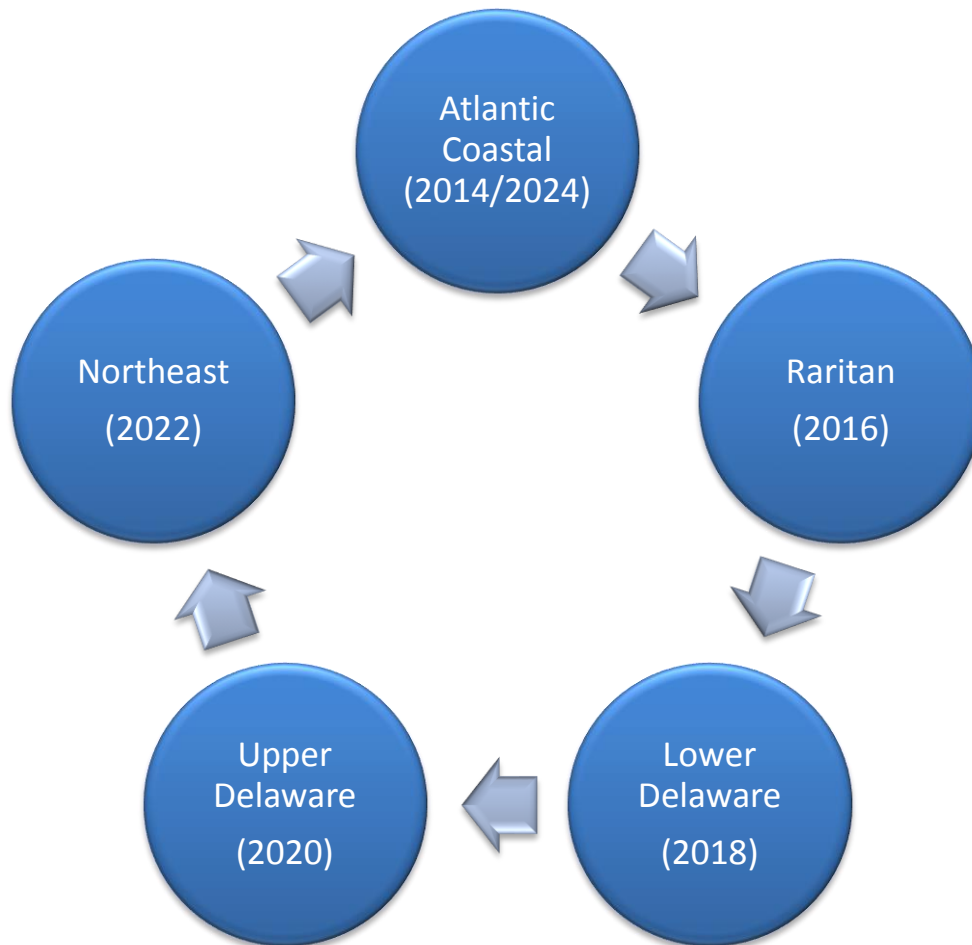
<sup>8</sup> NJDEP. Governor Christie's Comprehensive Action Plan to Address the Ecological Decline of the Barnegat Bay – One Year Update. New Jersey Department of Environmental Protection. Trenton, NJ. December 2011. Available on the Department's Web site at [http://www.nj.gov/dep/barnegatbay/docs/bb\\_yr1\\_final\\_low.pdf](http://www.nj.gov/dep/barnegatbay/docs/bb_yr1_final_low.pdf).

<sup>9</sup> USEPA. New Vision for the CWA 303(d) Program. December 2013. <http://www.epa.gov/tmdl/new-vision-cwa-303d-program-updated-framework-implementing-cwa-303d-program-responsibilities>.

assessment decisions. Better assessment decisions help ensure that restoration strategies are focused on real water quality problems and their sources.

The Department plans to apply this methodology to one of New Jersey’s five water regions, Atlantic Coastal, Raritan, Lower Delaware, Upper Delaware and Northeast (see Figure 1.1) each cycle, beginning with the Atlantic Coastal Region. This “rotating basin approach” (Figure 1.2) will produce a comprehensive assessment of the entire state every ten years. This approach will support development of measures to restore, maintain, and enhance water quality uses that maximize effectiveness and efficiency in achieving positive environmental outcomes that are tailored to the unique circumstances of each region. This new approach is explained in more detail in the 2014 Methods Document and is similar to those employed by other states, such as New York State’s Rotating Integrated Basin Studies program (see <http://www.dec.ny.gov/chemical/30951.html>). The Department is planning to address the Raritan Water Region in the 2016 cycle.

**Figure 1.2: New Jersey’s Water Regions Rotating Basin Approach**



## Chapter 2: Results of the 2014 Integrated Water Quality Assessment

The 2014 Integrated Water Quality Assessment was conducted using readily available chemical and biological monitoring data collected generally between 2008 through 2012, which was compiled and assessed in accordance with the 2014 Methods Document (see [http://www.state.nj.us/dep/wms/bears/docs/2014\\_final\\_methods\\_document\\_and\\_response\\_to\\_comments.pdf](http://www.state.nj.us/dep/wms/bears/docs/2014_final_methods_document_and_response_to_comments.pdf)). The data were used to assess designated use support for all waters of the State and to identify pollutants causing designated use impairment. The use assessment results for each of New Jersey's 958 assessment units (AUs)<sup>10</sup> are presented in the 2014 Integrated List of Waters (Integrated List)<sup>11</sup>, which is included in Appendix A of this report. Appendix A also a table of changes to designated use assessment results from the 2012 Integrated Report. The pollutant causes of use impairment in each AU are identified in Sublist 5 of the Integrated List, which also serves as the 2014 303(d) List of Water Quality Limited Waters (303(d) List) and is included in Appendix B. The 2014 303(d) List also includes the priority ranking for TMDL development, the listing station and cycle, the Sublist 5 subpart (where applicable) and the priority ranking for TMDL development. Appendix B also includes the sources of parameters causing use impairment and a table of TMDLs to be developed over the next two years. Causes removed from the 303(d) List and from Sublist 4 are included in Appendix C along with corresponding reasons and explanations. Decisions to not list causes on the 303(d) List is included in Appendix D, along with a detailed justification for not listing certain waters for naturally-occurring pH. Data sources used to support the 2014 Integrated Water Quality Assessment are identified in Appendix E.

The results presented in these appendices are summarized in Section 2.1 and 2.2. Section 2.1 focuses on use assessment results as well as the most frequent pollutants overall and those associated with impairment of each designated use. Section 2.2 summarizes key differences in the assessment results for the 2014 Integrated List compared to prior cycles. Specifically, Section 2.2 explains the new listings and new delistings as well as the top five causes that were added to or removed from Sublist 4 of the Integrated List.

Extensive water quality data collected as part of the Governor Christie's Comprehensive Action Plan to Address the Ecological Decline of Barnegat Bay enabled the Department to conduct a comprehensive regional assessment of the Atlantic Coastal Region, which served as the pilot for the Department's new rotating basin approach. Comprehensive assessment results for the Atlantic Coastal Region are summarized in Section 2.3.

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<sup>10</sup> New Jersey's waters are grouped for assessment purposes into hydrologically connected assessment units (AUs), most of which are based on United States Geological Survey (USGS) 14-digit Hydrologic Unit Code (HUC) boundaries. HUCs are geographic areas representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by USGS in cooperation with the National Resources Conservation Service (NRCS). AUs containing the Barnegat Bay Estuary are delineated based on hydrologic and water quality data and modeling into 9 AUs that more accurately reflect conditions within the bay. Shared waters of the Delaware River mainstem, Estuary, and Bay are assessed based on the eight Delaware River AUs delineated by the Delaware River Basin Commission (DRBC), which is responsible for assessing those intra-state waters.

<sup>11</sup> Formerly referred to as the "Status of Designated Uses by Subwatershed Report", "Statewide Water Quality Inventory Report", or "305(b) Report" in previous Integrated Reports.

## 2.1: Current Statewide Water Quality Conditions

The 2014 Integrated List (Appendix A) contains the use assessment results for New Jersey's 958 AUs. Each AU is assessed by the Department to determine if the applicable designated uses are fully supported, not supported, or not assessed due to insufficient information. Statewide use assessment results show that 55% of New Jersey's 958 AUs fully support at least one designated use (Figure 2.0A).

**Figure 2.0A: AUs That Fully Support One Or More Designated Uses**

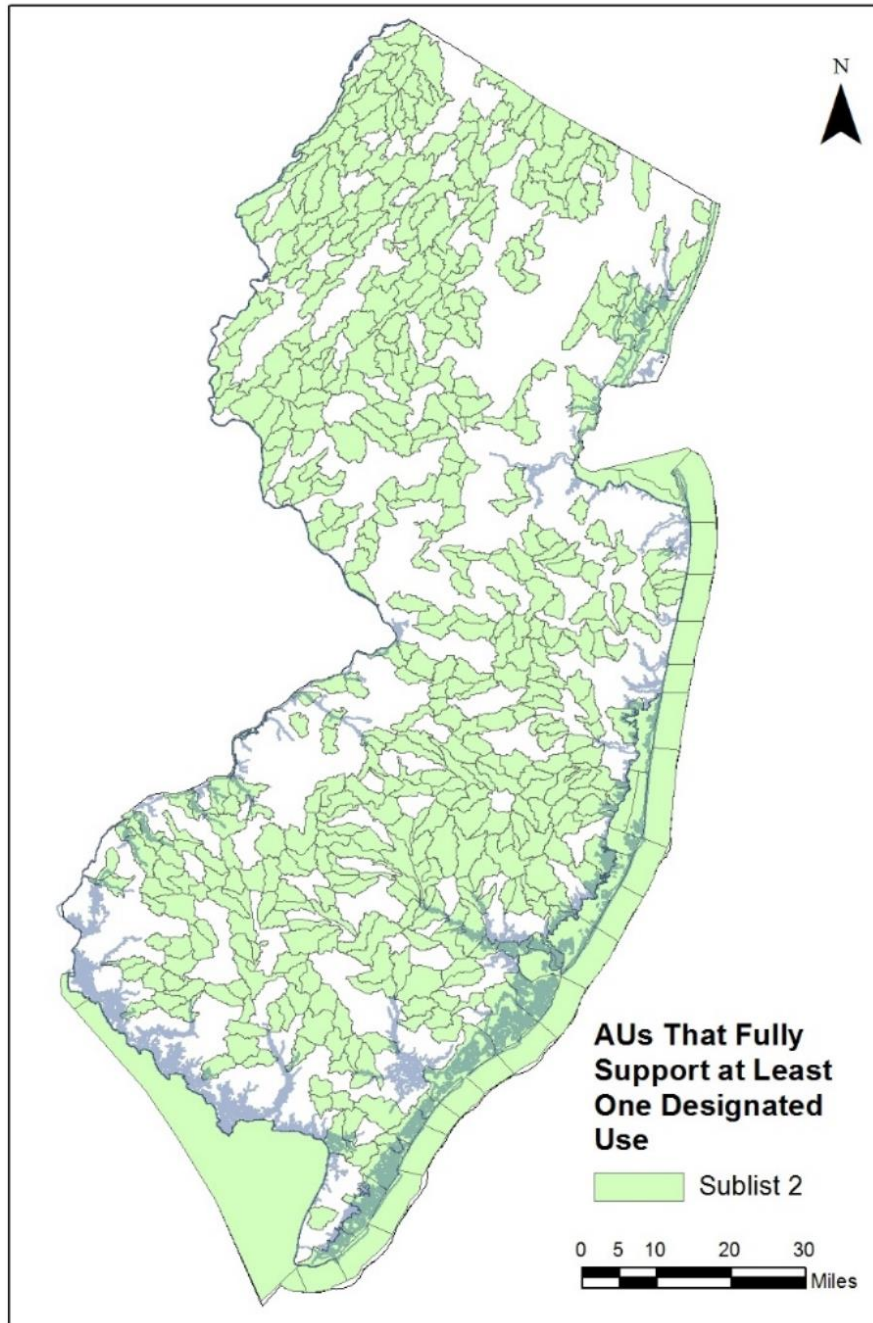
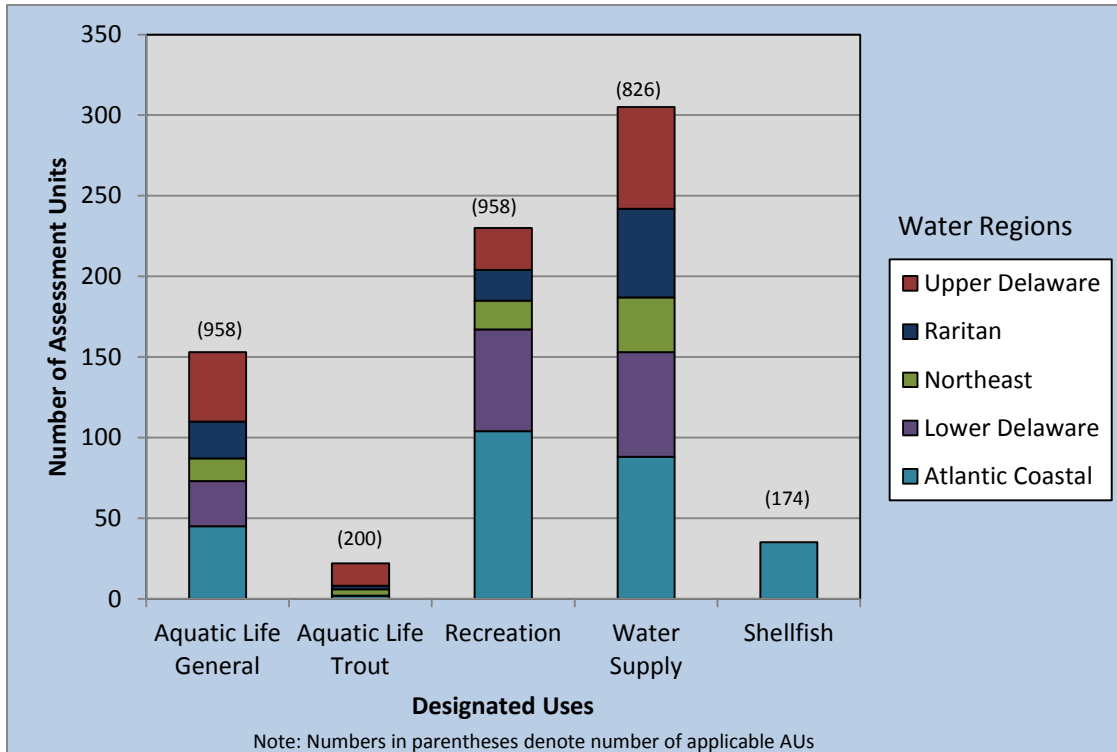




Figure 2.0B shows the number of AUs that fully support applicable designated uses in each Water Region. The Atlantic Coastal Region has the highest number of fully supported designated uses (274 AU/use combinations) of the New Jersey’s Water Regions, followed by Lower Delaware (156), Northwest (146), Raritan (100), and Northeast (70).

**Figure 2.0B: Number of AUs Fully Supporting Designated Uses, by Water Region**

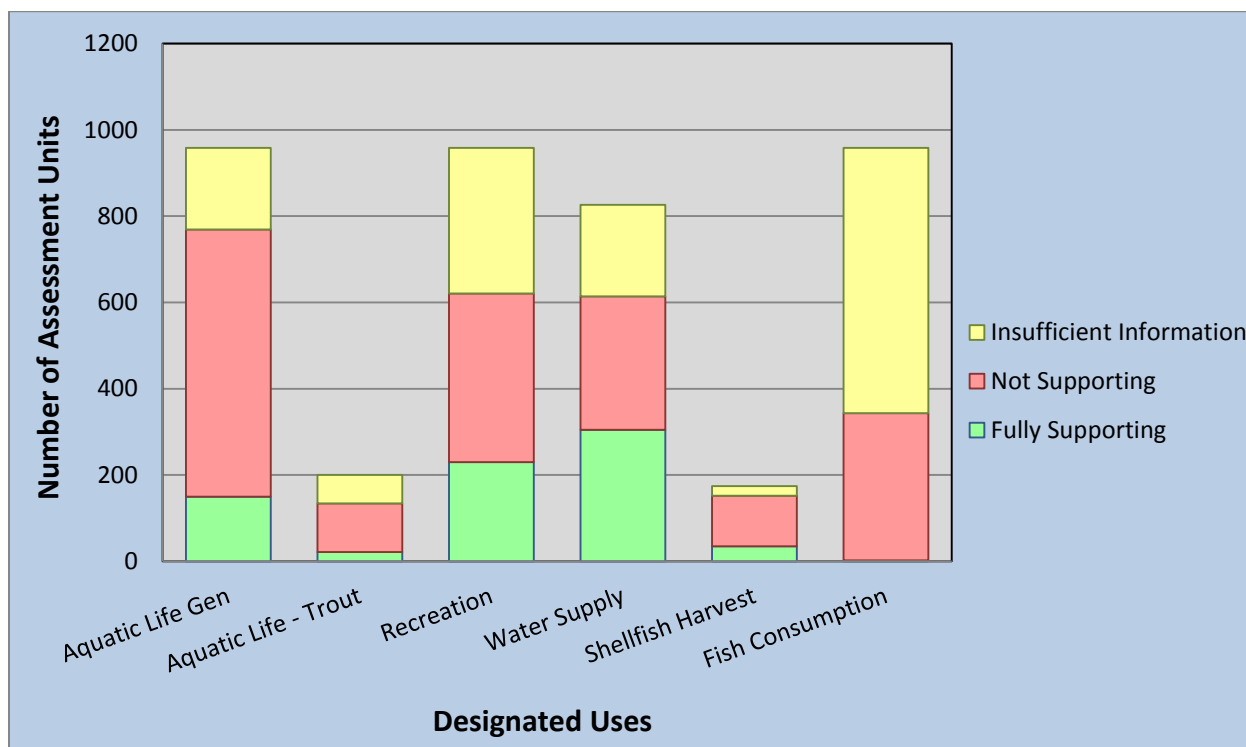


A summary of statewide use assessment results is provided in Table 2.0 and Figure 2.0C. The water supply use has the highest percentage of use support (37%), followed by the recreation use (24%). The fish consumption use has the lowest percentage of use support (>1%). However, it should be noted that a significant percentage of AUs for which these three uses apply lack sufficient data to make an assessment decision. The general aquatic life use has the highest percentage of AUs with sufficient data for use assessment (80%). For this designated use, 16% of AUs fully support the use. Shellfish and aquatic life–trout designated uses apply to a relatively small number of AUs. Shellfish is fully supported in 20% of applicable AUs, while the aquatic life trout use is fully supported in 10% of applicable AUs.

**Table 2.0: 2014 Statewide Designated Use Assessment Results  
(Number and Percent of AUs)**

Designated Use	Aquatic Life Gen		Aquatic Life - Trout		Recreation		Water Supply		Shellfish Harvest		Fish Consumption	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fully Supporting	153	16%	22	10%	230	24%	305	37%	35	20%	1	0%
Not Supporting	616	64%	112	57%	391	41%	309	37%	117	67%	342	36%
Insufficient Information	189	20%	66	33%	337	35%	212	26%	22	13%	615	64%
<b>Total AUs Applicable</b>	<b>958</b>		<b>200</b>		<b>958</b>		<b>826</b>		<b>174</b>		<b>958</b>	

**Figure 2.0C: 2014 Statewide Designated Use Assessment Results**

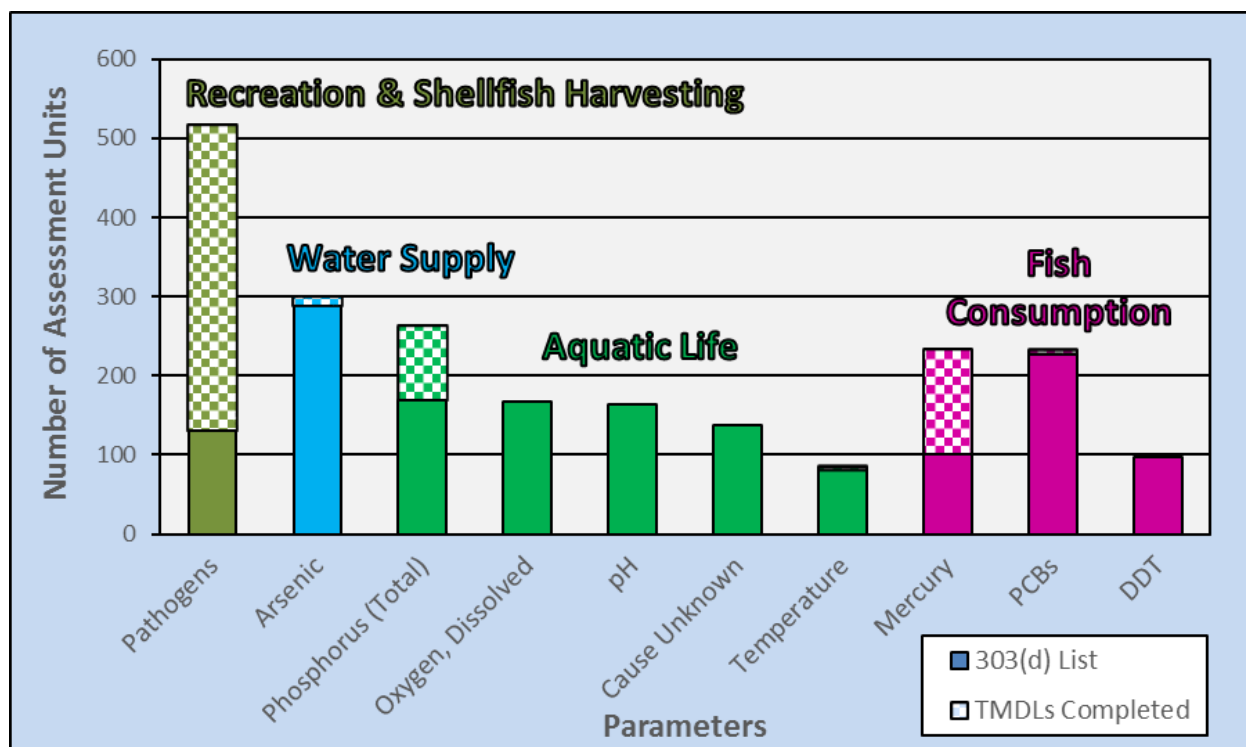


AUs assessed as “not supporting” a designated use include those that are impaired by pollutant causes that are not covered by an approved total maximum daily load (TMDL) and are placed on the 303(d) List, as well as those that are covered by an approved TMDL but have not yet attained the applicable water quality standards necessary to fully support the use, which are identified on Sublist 4 of the Integrated List (Attachment B). The 2014 303(d) List identifies 40 different causes of impairment, for a total of 1,958 assessment unit (AU)/pollutant combinations. (Note: some AUs are impaired by multiple causes.) The most frequent causes of impairment or “designated use non-support” are shown in Figure 2.1 and are associated with the recreation, aquatic life, fish consumption, and water supply designated uses.



Figure 2.1 shows that pathogens (*E. coli*, *Enterococcus*, and total coliform) are the most frequent cause of water quality impairment statewide and are associated with the recreational and shellfish harvest uses. Most (74%) of these impairments are already covered under an approved TMDL. Arsenic is the second most frequent cause of water quality impairment statewide and is associated with the water supply use. A number of these impairments are attributed to natural conditions but must still be categorized as impaired. Mercury in fish tissue is the most frequent cause of fish consumption use non-support. Approximately half of all mercury impairments are caused by air deposition and are covered by the Statewide Mercury TMDL.

**Figure 2.1: Top Ten Causes of Water Quality Impairment**



These results reflect an increase in the number of impaired waters in New Jersey compared to previous reporting cycles; however, direct comparison between listing cycles as an indicator of water quality trends is problematic. In each listing cycle, there have been changes that affect the assessment universe and protocols for assessment decisions. For example, assessed areas were defined as stream segments, which kept changing as new waters were sampled. Drainage areas became the basis for assessment, which provided a degree of uniformity from cycle to cycle, although there have been refinements to this universe. Additionally, increases in the areas sampled, improved detection limits for measuring pollutants, improved sampling techniques, improved equipment technology, and more rigorous assessment procedures have all contributed to changes in the number of possible assessment decisions or the assessment outcomes over time. Longer term trends, discussed in Chapter 3, are helpful in providing context for overall water quality status.

The most obvious change since 2012 is the addition of temperature to the Top Ten Causes of Water Quality Impairment. The number of AUs impaired for temperature increased by 40% in 2014, resulting in 34 new listings on the 2014 303(d) List. Significant increases in impairment caused by pH and dissolved oxygen (25% and 19%, respectively) also resulted in a high number of new 303(d) listings (44 and 32, respectively). Many of these additional impairments and listings are attributed to the increased availability of continuous monitoring data. Continuous monitoring is capable of identifying impairments that occur during the diurnal cycle that are not discernable under discrete “grab” sampling which occurs once a day, usually in the morning. Biological impairment also increased by 32 (26%) and is attributed to “cause unknown”.<sup>12</sup> Four of the new listings for “Cause Unknown” are not based on new data showing biological impairment; rather, they are replacements for pollutant causes that no longer exceed applicable water quality standards even though biology remains impaired.

Another change from the 2012 Integrated List is the creation of three new subparts of Sublist 5: Sublist 5A (arsenic naturally occurring), Sublist 5L (legacy pollutants), and Sublist 5R (watershed restoration. Sublist 5 is still used to identify pollutants causing use impairment where those pollutants are generated by active anthropogenic sources that are subject to regulation under TMDLs and discharge permit limits pursuant to the federal Clean Water Act (CWA)<sup>13</sup>. The three new subparts identify pollutants that are no longer actively produced, are not anthropogenic, or are primarily generated by sources not regulated under the CWA.

- Sublist 5A includes AUs where arsenic does not attain standards, but the levels are below those demonstrated to be from naturally occurring conditions. Because arsenic criteria are human health based, EPA does not allow the SWQS provision of “naturally occurring” to supersede the established criteria. Nevertheless, because the source of the non-attainment is natural geology, development of TMDLs is not an effective response.
- Sublist 5L includes AUs where designated use non-support is caused by a “legacy” pollutant that is no longer being discharged by a point source but which persists in the environment, for example, PCBs, dioxins, DDT, or other substances already banned from production or use. It also includes waters impaired by contaminated sediments where no additional extrinsic load occurs. For these water segments, development of a TMDL is not the most effective response because there is no controllable load from a CWA regulated source.
- Sublist 5R is used to recognize that not all impaired waterbodies are most effectively addressed through a TMDL. For example, where impairment can be attributed primarily to nonpoint sources, which is not subject to regulation under the CWA, and regulated stormwater, which is most effectively addressed through source control, a watershed based restoration plan may be the most effective means to address the impairment<sup>14</sup>.

<sup>12</sup> Aquatic life use impairment is attributed to “cause unknown” when biological data shows impairment but chemical data is either unavailable or does not exceed applicable water quality standards; therefore, the pollutant cause of aquatic life use impairment is unknown (see 2014 Methods Document, available on the Department’s Web site at [http://www.state.nj.us/dep/wms/bears/2014\\_integrated\\_report.htm](http://www.state.nj.us/dep/wms/bears/2014_integrated_report.htm)).

<sup>13</sup> See Section 4.2: Water Pollution Control-Regulatory Programs

<sup>14</sup> See Section 4.33: Water Pollution Control: Non-regulatory Programs

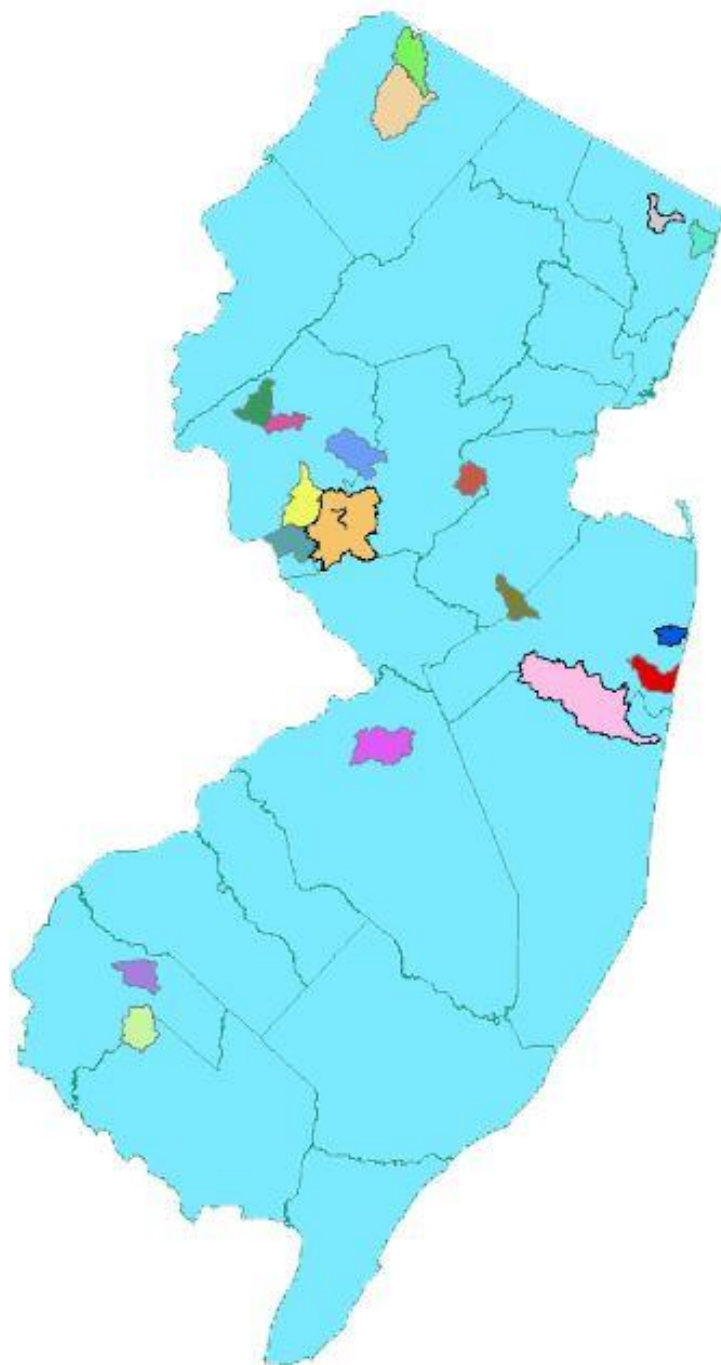
USEPA has established requirements for Watershed Based Plans (WBPs) under the Section 319(h) Nonpoint Source Pollution Control Grant Program that require nine key elements critical for achieving improvements in water quality. Systematic implementation of WBPs is an effective means to restore water quality in watersheds with minimal impact from typical CWA-regulated sources. Twenty-five AU/pollutant combinations were placed on Sublist 5R (see Figure 2.1A) based on the following considerations:

- Previous or new pollutants causing use impairment;
- Covered by USEPA-approved Watershed Based Plan containing the nine minimum elements;
- Not covered by a USEPA-approved TMDL;
- Absence of an industrial or municipal discharger in impaired AUs.

This approach is consistent with USEPA's new collaborative framework for implementing CWA Section 303(d) Program with States, "A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act 303(d) Program" (see Appendix G) and allows the Department to pursue the most effective and appropriate restoration strategy for each listed pollutant cause of water quality impairment. Figure 2.1A depicts the spatial extent of the 2014 Sublist 5R. Parameters addressed include nutrients (TP), temperature, pathogens, turbidity, and total suspended solids.

Statewide assessment results for each of New Jersey's designated uses are discussed in more detail in the rest of this section, along with the assessment results for key parameters associated with each of the designated uses: General Aquatic Life, Trout Aquatic Life, Recreation, Public Water Supply, Shellfish Harvest for Consumption, and Fish Consumption.

Figure 2.1A: Spatial Extent of Sublist 5R

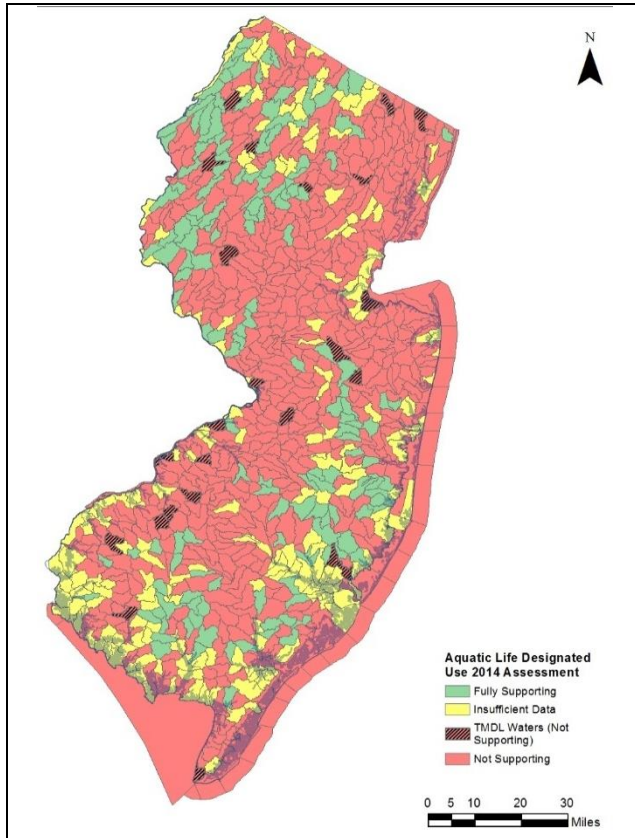


**Map Key**

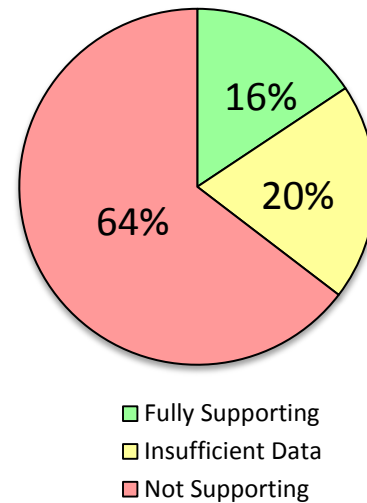
- [Alexauken Creek Watershed Plan](#)
- [Assiscunk Creek Headwaters Watershed Plan](#)
- [Cedar Grove Brook Protection Watershed Plan](#)
- [Clove Acres Lake Restoration and Protection](#)
- [Deal Lake Regional Stormwater Management Plan](#)
- [Manalapan Lake Watershed Plan](#)
- [Metedeconk Plan](#)
- [Mulhockaway Creek Watershed Restoration Plan](#)
- [Musquapsink Brook Watershed Rest. and Protection](#)
- [Neshanic River Watershed Plan](#)
- [Papakating Restoration and Protection](#)
- [RSMP Pleasant Run and Holland Brook](#)
- [RSMP Sourland Mountain Watershed](#)
- [Sidney Brook Watershed Plan](#)
- [Tenakill Brook Watershed Restoration](#)
- [Upper Cohansey River Watershed Plan](#)
- [Upper Salem River Watershed Plan](#)
- [Wreck Pond Watershed Plan](#)

**General Aquatic Life Use:** All waters of the State (958 AUs) are designated for the general aquatic life use. Sixteen percent (16%) of AUs fully support the use, 64% do not support the use, and 20% are not assessed due to insufficient information (see Figures 2.2A and 2.2B).

**Figure 2.2A: Assessment Results for General Aquatic Life Use, Spatial Extent**



**Figure 2.2B: Assessment Results for General Aquatic Life Use, Percent (%)**



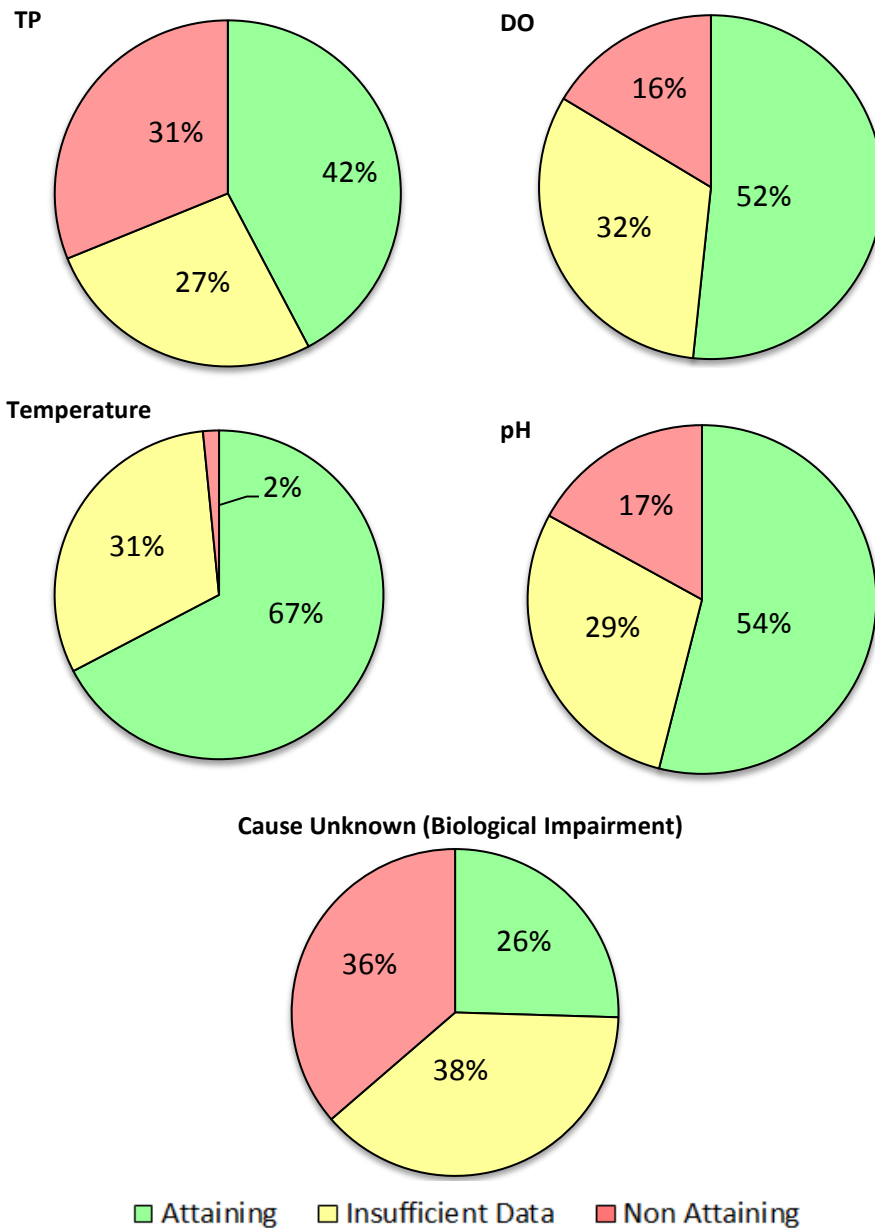
Total number of applicable AUs = 958

The general aquatic life use is assessed based on a suite of key parameters. Five of these key parameters: TP, dissolved oxygen (DO), pH, temperature, and cause unknown<sup>15</sup>, are among the top ten causes of water quality impairment statewide, as shown in Figure 2.1. Nutrient enrichment from point sources (e.g., sewage treatment plants), land use practices (e.g., application of fertilizer), and land disturbance (e.g., loss of riparian buffers and increase in impervious surface), are common sources of these parameters. TP has been identified as the most frequent cause of general aquatic life use impairment and has been a focus for TMDL development, with nearly 100 TMDLs completed by the Department to date. DO and pH-caused impairment are often associated with nutrient over-enrichment that will respond to restoration efforts aimed at controlling nutrients. It is noteworthy that, in the course of developing TP TMDLs, the Department found that a number of AUs considered to be impaired by temperature

<sup>15</sup> Aquatic life use impairment is attributed to “cause unknown” when biological data shows impairment but chemical data is either unavailable or does not exceed applicable water quality standards; therefore, the pollutant cause of aquatic life use impairment is unknown.

might actually reflect natural conditions. A more in-depth analysis of these impaired AUs is planned to determine if temperature reflects natural conditions or actual use impairment. The charts below reflect the relative assessment status of the top five parameters associated with the general aquatic life use.

**Figure 2.3: Assessment Results for Key Parameters Associated with General Aquatic Life Use, Percent (%) of 958 AUs<sup>16</sup>**



<sup>16</sup> While the aquatic life use applies to all 958 AUs, some AUs contain waters without corresponding criteria for each pollutant associated with that use. For example, there are no numeric criteria for TP in saline waters. Therefore, TP can only be assessed in AUs that contain freshwaters. The percentages shown are based on the total number of applicable AUs for each pollutant associated with the general aquatic life use.

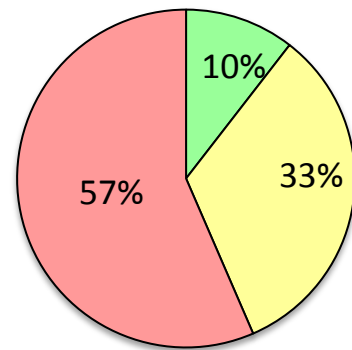
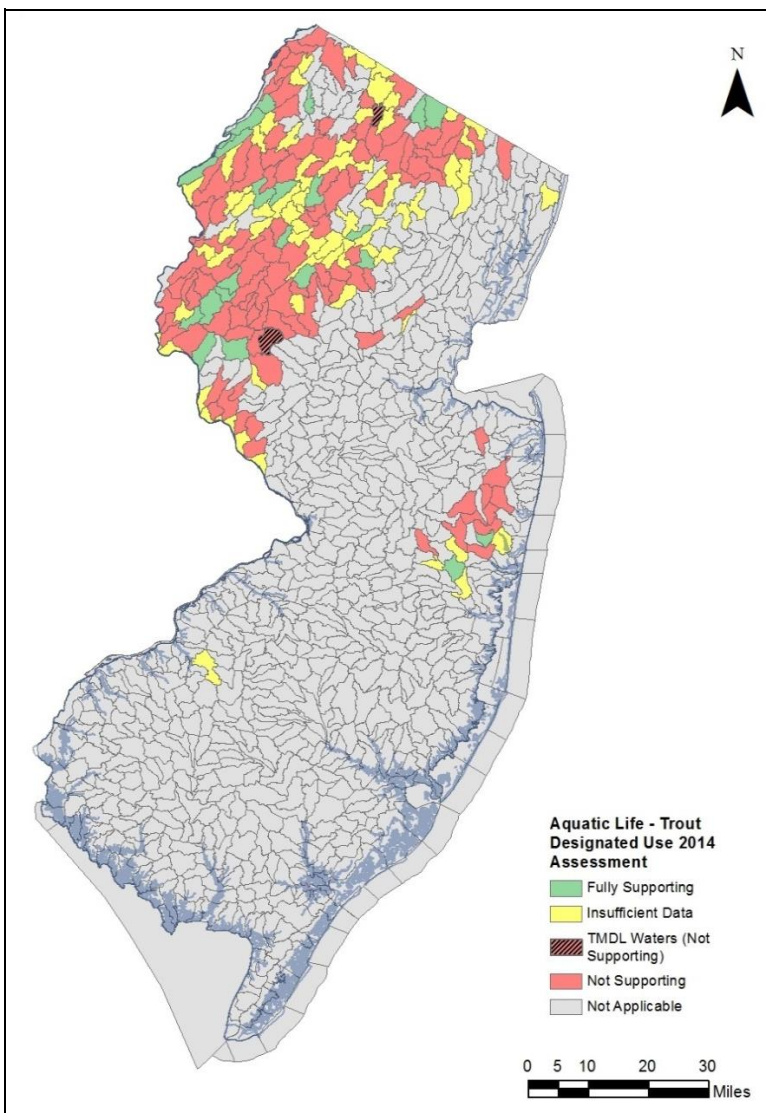


Metals were not a significant cause of aquatic life use impairment statewide. At only 2%, copper had the highest number of exceedances of aquatic life criteria for metals, with all other metals falling below 1%.

**Trout Aquatic Life Use:** The trout aquatic life use only applies to 200 of New Jersey’s 958 AUs because this use is reserved for waters classified as trout maintenance or trout production. Ten percent of these AUs fully support the use, 57% do not support the use, and 33% are not assessed due to insufficient information (see Figures 2.4A and B). The critical parameters for assessing this use are temperature, dissolved oxygen and cause unknown (biological impairment).

**Figure 2.4A: Assessment Results for Trout Aquatic Life Use, Spatial Extent**

**Figure 2.4B: Assessment Results for Trout Aquatic Life Use, Percent (%)**



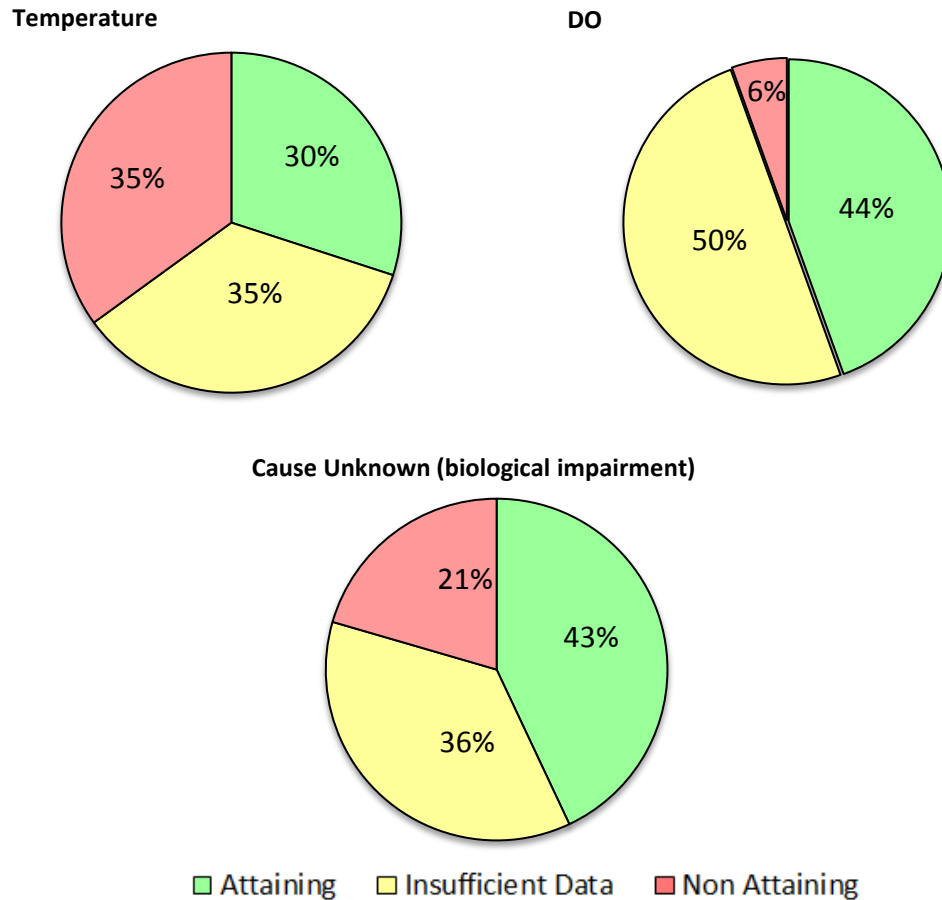
- Fully Supporting
- Insufficient Data
- Not Supporting

Total number of applicable AUs = 200



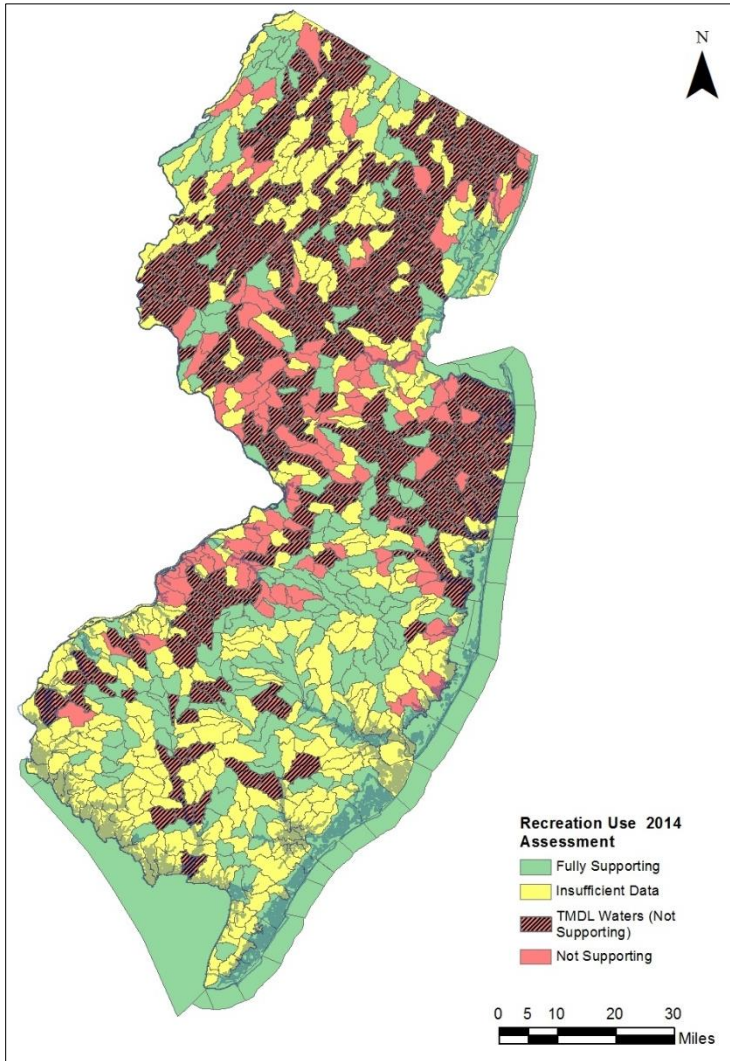
The predominant cause of trout aquatic life use impairment is temperature, which accounts for 35% of the AUs assessed as not supporting the trout aquatic life use. Criteria for temperature and DO are more stringent in trout production and trout maintenance waters than in other waters of the State because of the sensitivity of the target species.

**Figure 2.6: Assessment Results for Key Parameters Associated with Trout Aquatic Life Use, Percent (%) of 200 AUs**

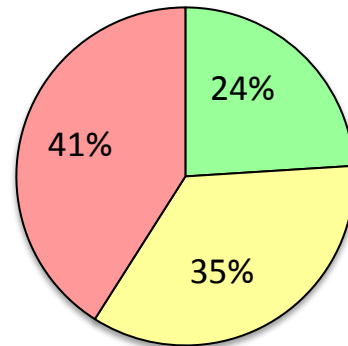


**Recreation Use:** All waters of the State (958 AUs) are designated for recreational uses. Twenty-four percent fully support the use, 41% do not support the use, and 35% are not assessed due to insufficient information (see Figures 2.7A and B).

**Figure 2.7A: Assessment Results for Recreation Use, Spatial Extent**



**Figure 2.7B: Assessment Results for Recreation Use, Percent (%)**



- Fully Supporting
- Insufficient Data
- Not Supporting

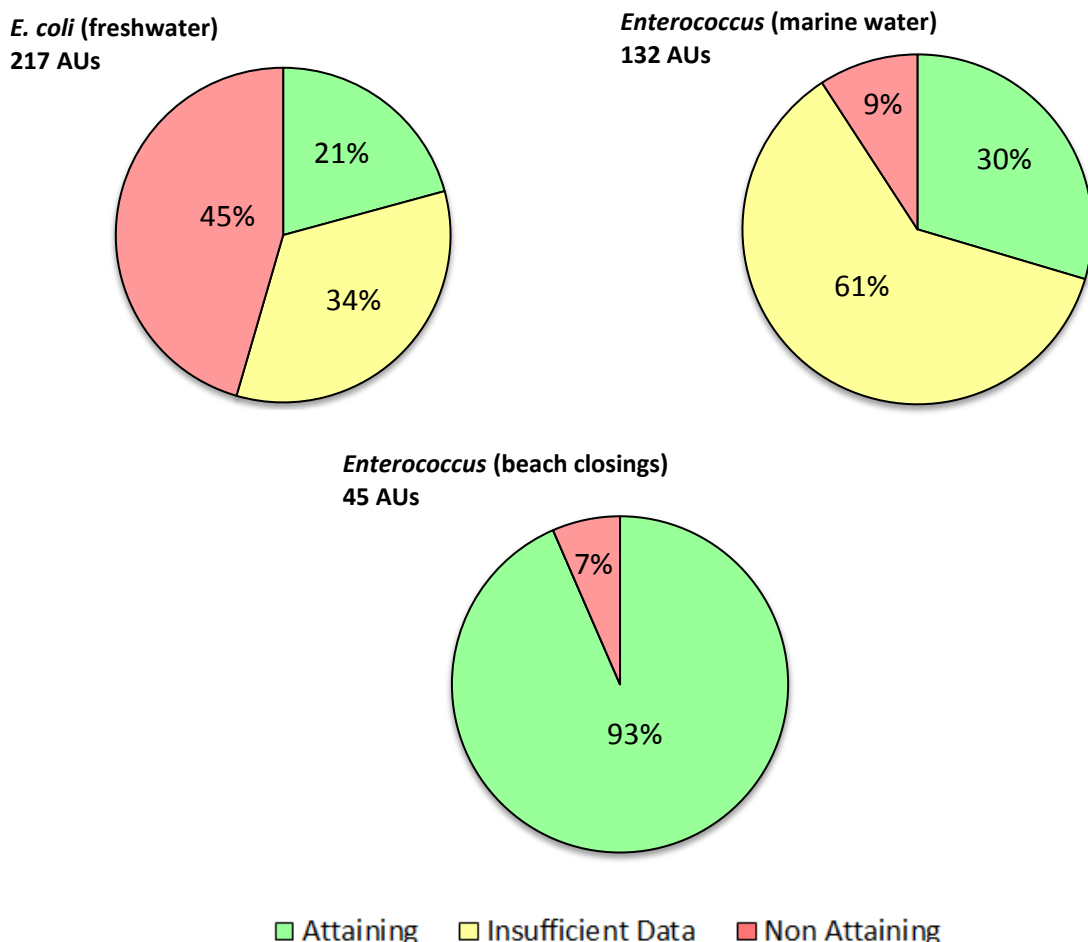
Total number of applicable AUs = 958

The recreation use is assessed based on the presence of pathogenic bacteria indicators (*E. coli* and *Enterococcus*).<sup>17</sup> New Jersey’s coastal waters and estuaries demonstrated more consistent support for recreation than freshwaters (streams, rivers, and lakes). Assessment of ocean beaches, where most bathing occurs, shows that these waters are fully swimmable from Sandy Hook to Cape May Point. Freshwaters represent over 80% of recreational use impairment.

<sup>17</sup> Prior assessments were based on fecal coliform; however, this parameter was replaced with *E. coli* and *Enterococcus* based on USEPA guidance. Prior listings for fecal coliform are carried over to the 303(d) List if newer pathogen data is not available.

Figure 2.8 shows a much higher percentage of AUs (45%) impaired by *E. coli*, the freshwater pathogen indicator, than AUs (9%) impaired by *Enterococcus*, the saline water pathogen indicator. This figure also shows that a very small percentage of recreational use assessments based on beach closure data (7% of 45 AUs) resulted in use impairment<sup>18</sup>. TMDLs have been completed for most (72%) of the waters that do not support recreational uses because of pathogens.

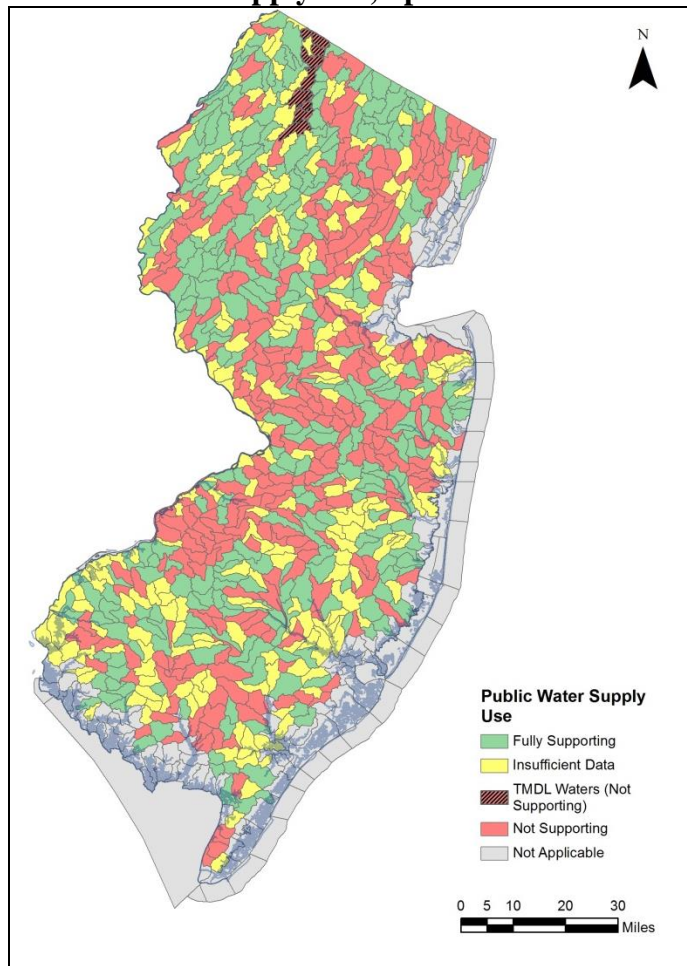
**Figure 2.8: Assessment Results for Key Parameters Associated with Recreation Use, Percent (%) of AUs**



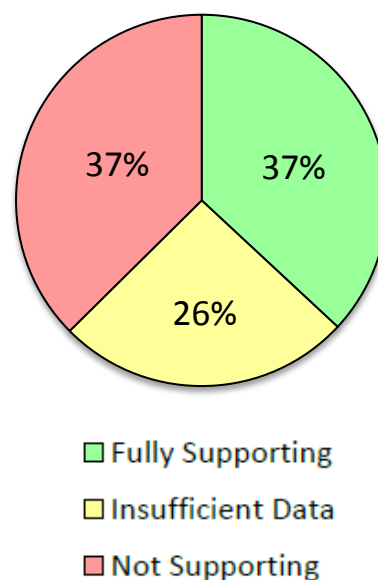
<sup>18</sup> The following three AUs were assessed as not supporting the recreation use based on beach closure events rather than ambient water quality data: NJ02030104090060-01, NJ02030104100100-01, and BarnegatBay04.

**Public Water Supply:** All New Jersey freshwater streams and lakes, located in 826 AUs, are designated as potential potable water supplies. The water supply use has the highest percentage of use support (37%) of all designated uses Statewide; however, 37% also do not support the use and 26% are not assessed due to insufficient information (see Figures 2.9A and B). Most of the waters that do not support the public water supply use do not contain potable water intakes and are not currently used for drinking water purposes.<sup>19</sup>

**Figure 2.9A: Assessment Results for Public Water Supply Use, Spatial Extent**



**Figure 2.9B: Assessment Results for Public Water Supply Use, Percent (%)**



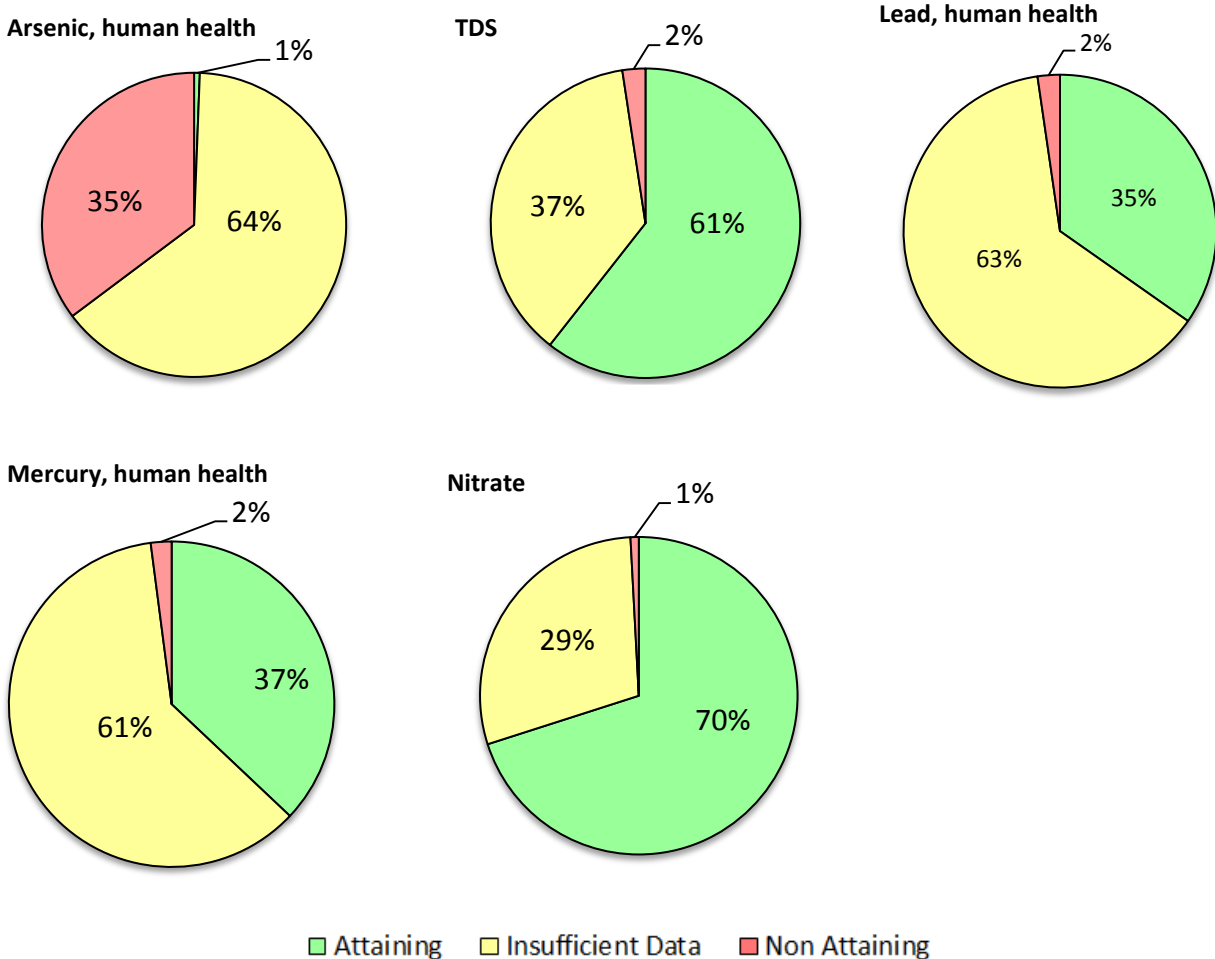
Total number of applicable AUs = 826

The critical parameter for assessing this use is nitrate; however, the water supply use will be assessed as impaired (“not supporting”) if any parameter exceeds the applicable human health criterion. Figure 2.10 shows that arsenic is the predominant cause of water supply use impairment (82%). The frequency of arsenic impairment has increased over time due to

<sup>19</sup> The Department has determined that if aquatic life and public water supply uses are fully supported, then the agricultural and industrial water supply uses are also fully supported (see Section 6.6 of the 2014 Methods Document). As a result, these uses are no longer separately assessed.

improved detection of arsenic at levels approaching the SWQS human health criterion for arsenic of 0.017 micrograms per liter (ug/L). This human health criterion is much more stringent (by more than an order of magnitude) than the New Jersey maximum contaminant level (MCL) of 5 ug/L established in the Safe Drinking Water Act rules at N.J.A.C. 7:10-5.2 (see [http://www.nj.gov/dep/rules/rules/njac7\\_10.pdf](http://www.nj.gov/dep/rules/rules/njac7_10.pdf)). Few waterbodies in New Jersey (Maurice River, North Branch Metedeconk River, and Sharps Run) have arsenic concentrations above 5 ug/L yet many exceed the SWQS human health criterion. A significant number of waterbodies located in the Coastal Plain (southeastern New Jersey) exceed the human health criteria for arsenic but at concentrations that are equal to or less than the naturally-occurring concentrations of arsenic for that geologic formation.<sup>20</sup> Other causes of water supply use impairment include total dissolved solids (TDS), lead, mercury in the water column, and nitrate, but at very low percentages statewide (2% or less).

**Figure 2.10: Assessment Results for Key Parameters Associated with Water Supply Use, Percent (%) of 826 AUs**

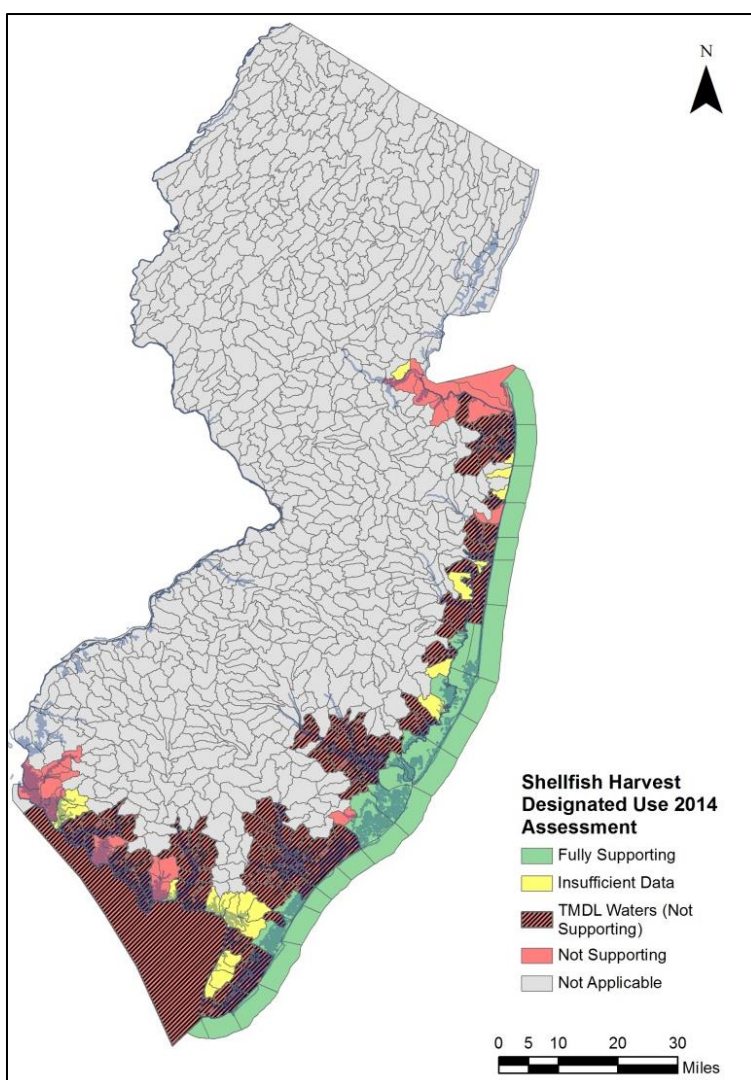


<sup>20</sup> Studies conducted by USGS have found that the natural levels of arsenic range from 0.24-0.61 ug/l in the Outer Coastal Plain, and 0.36-0.70 ug/l in the Inner Coastal Plain. Arsenic exceedances that are within these naturally-occurring concentrations will be identified on the 2014 303(d) List as Sublist 5A (arsenic naturally occurring).



**Shellfish Harvest for Consumption:** Only waters classified as harvestable for shellfish consumption are assessed for the shellfish use; therefore, only 174 of New Jersey’s 958 AUs (18%) are assessed for this use. Federal requirements for shellfish classification provide three categories of harvestable shellfish: “approved” (with no restrictions), “seasonal harvest”, and “special restrictions”. Currently, only shellfish waters classified as “approved” are assessed as fully supporting the designated use. Twenty percent of applicable AUs fully support the use, 67% do not support the use<sup>21</sup>, and 13% have insufficient information to assess the use (see Figure 2.11). The critical parameter for assessing this use is total coliform, a pathogenic indicator association. Pathogen TMDLs have been developed for most of the AUs assessed as not supporting the shellfish harvest for consumption use (79%).

**Figure 2.11A: Assessment Results for Shellfish Use, Spatial Extent**

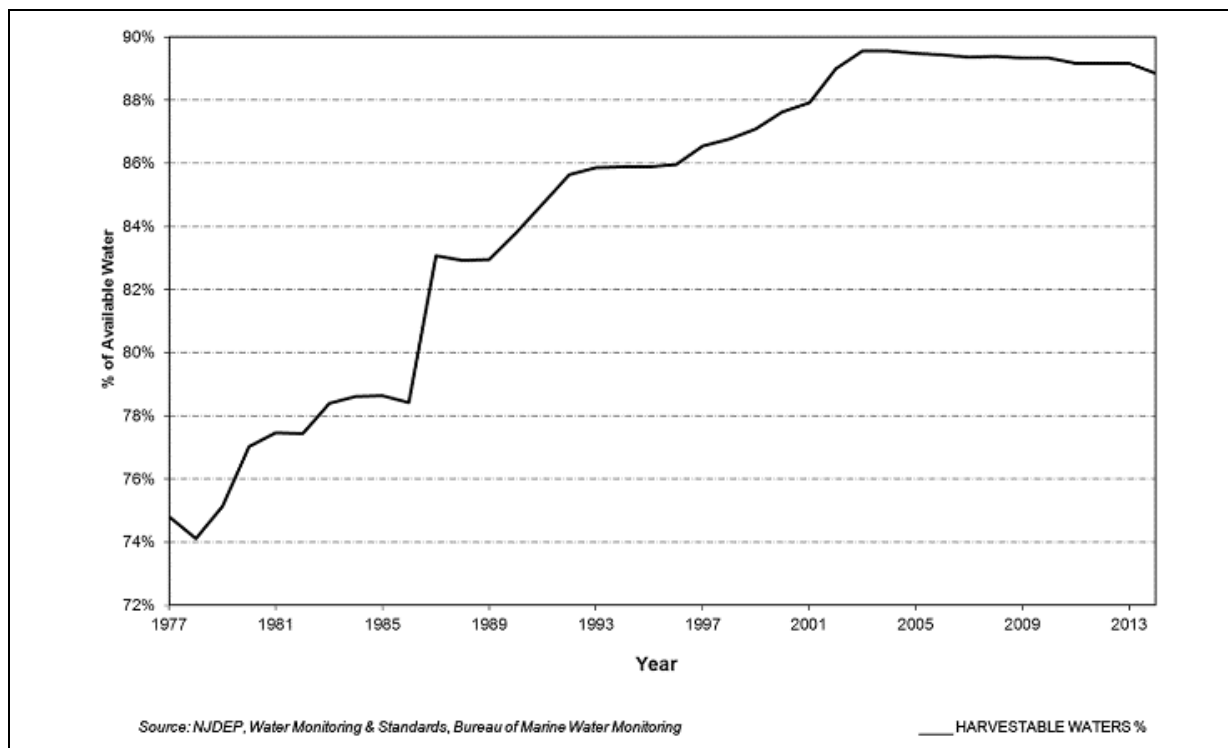


<sup>21</sup> AUs assessed as not supporting the shellfish harvest for consumption use include shellfish waters classified as harvestable with seasonal restrictions and harvestable with special restrictions (i.e., depuration treatment is required), as well as waters where shellfish harvest is prohibited.



The percent of applicable AUs assessed as fully supporting (Figure 2.11) differs from the percent of shellfish waters classified as harvestable (Figure 2.12) because shellfish classifications are established by coastal water miles, which may not align with AU boundaries. In addition, USEPA guidance requires that only AUs where shellfish waters are classified as approved with no restrictions can be assessed as “fully supporting” the shellfish harvest for consumption designated use. More information about shellfish classifications is available on the Department’s website at <http://www.state.nj.us/dep/wms/bmw/info01.htm>.

**Figure 2.12: New Jersey Harvestable Shellfish Waters**

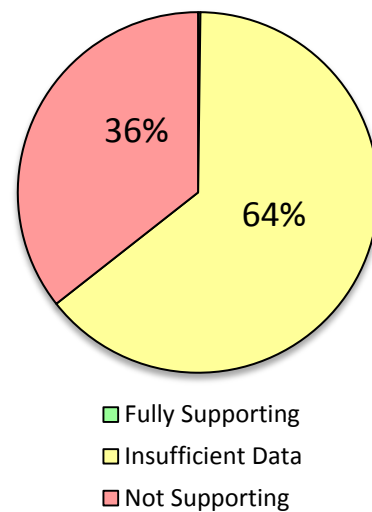
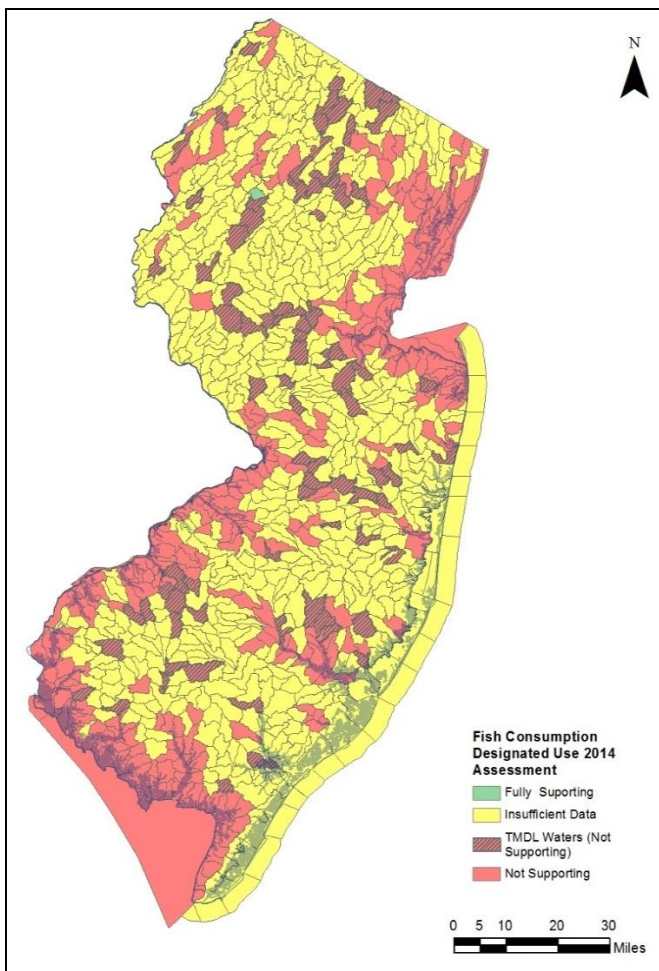


In 2014, a re-evaluation of all shellfish waters revealed that, in previous cycles, waters covered by a pathogen TMDL had been assessed as fully supporting the shellfish use where water quality was still impaired. For the majority of these, the TMDL required zero percent reductions for the shellfish waters due to reductions in pollutants achieved upstream or in adjoining waterbodies. However, because these waters are not classified as approved with no restrictions on shellfish harvesting, these AUs were returned to their previous status as not supporting the shellfish designated use. Therefore, although the percentage of AUs not supporting the shellfish use has significantly increased from prior cycles, it does not represent a decline in water quality for shellfish waters. In addition, some AUs previously assessed as not supporting due to administrative closures of shellfish waters were re-assessed as insufficient information because the closures were precautionary and not based on water quality data.

**Fish Consumption:** All waters of the State (958 AUs) are designated for the fish consumption use. One AU (<0.5%) fully support the use, 36% do not support the use, and 64% are not assessed due to insufficient information (see Figures 2.13A and 2.13B). The critical parameters for assessing this use are certain bioaccumulative toxic pollutants that are used to develop fish consumption advisories (see Figure 2.13C). The Department uses fish tissue data, where available, to identify exceedances of human health criteria for these pollutants; however, most of the State’s waters are assessed based on the issuance of fish consumption advisories for these pollutants.<sup>22</sup>

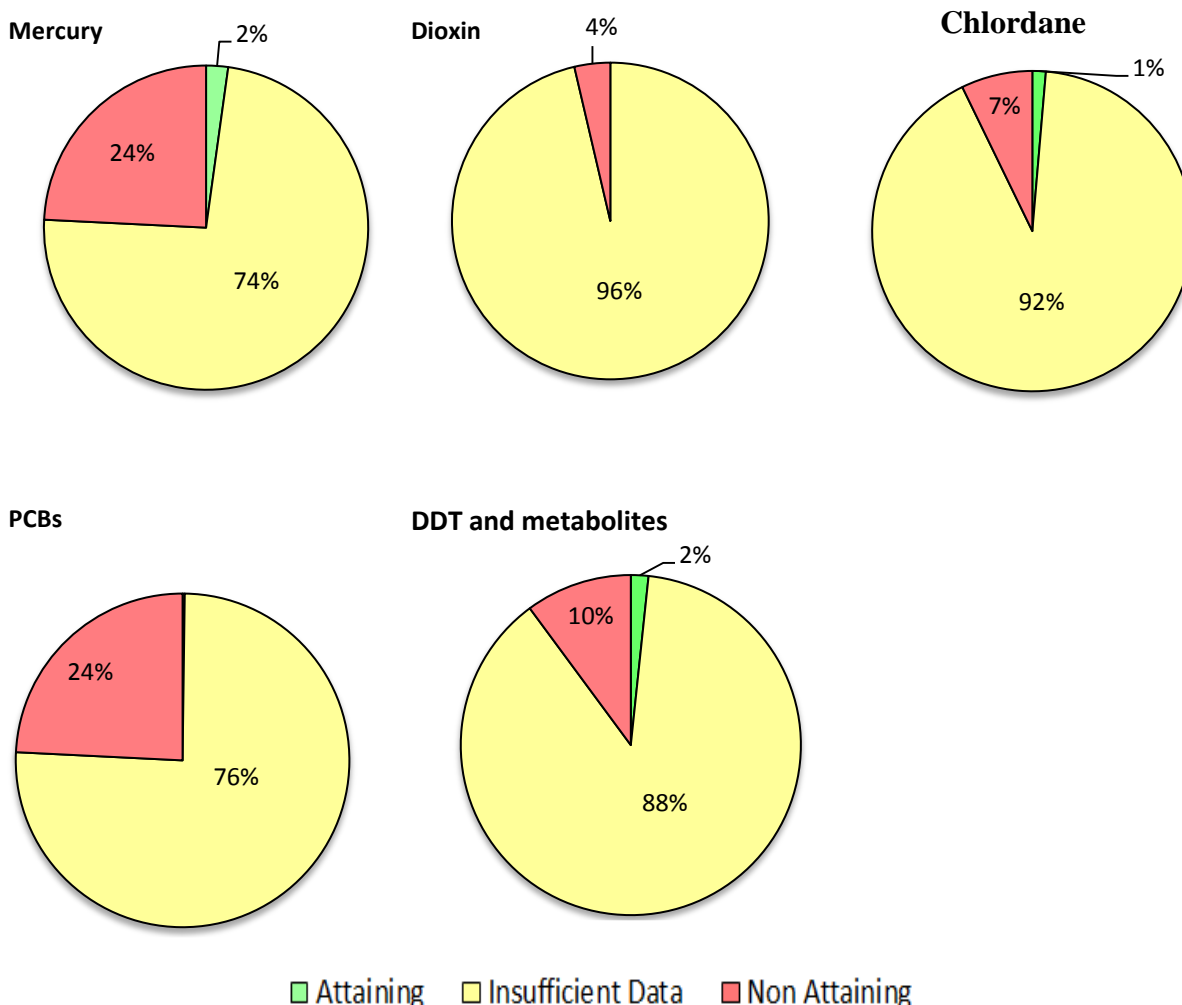
**Figure 2.13A: Assessment Results for Fish Consumption Use, Spatial Extent**

**Figure 2.13B: Assessment Results for Fish Consumption Use, Percentage (%)**



<sup>22</sup> Consumption advisories may restrict the amount and/or the type of fish consumed and there may be different advisories for high-risk populations and the general public. The Department issues both statewide and waterbody-specific advisories for the general population and for high-risk groups including infants, children, pregnant or nursing mothers, and women of childbearing age. (See Section 6.3 of the 2014 Methods Document and the Department’s Web site at <http://www.nj.gov/dep/dsr/njmainfish.htm>.)

**Figure 2.13C: Assessment Results for Key Parameters (in Fish Tissue) Associated with Fish Consumption Use, Percent (%) of 958 AUs**



While there is a relatively small amount of data available, the majority of fish tissue data collected continues to show the impairment of the fish consumption use. The most frequent causes of fish consumption use impairment are also among the top ten causes of water quality impairment statewide: mercury in fish tissue, PCB in fish tissue, and DDT (and its metabolites). PCB in fish tissue and DDT (and its metabolites) are no longer actively manufactured; therefore, the Department considers these to be legacy pollutants for which a TMDL is not an effective means to restore water quality.<sup>23</sup> In 2014, the Department delisted PCB in fish tissue from all ocean waters. These waters were assessed as impaired based upon PCB body burdens in migratory fish, such as bluefish and striped bass, which are caught off the New Jersey coast. However, in view of the migratory nature of these fish and the distances they travel along the

<sup>23</sup> A new subcategory of the 303(d) List has been created for legacy pollutants (see Chapter 7 of the 2014 Methods Document, Appendix E).

eastern coastal waters, and because it has not been established where along the eastern seaboard these fish acquired the contaminants, the Department will no longer assess the fish consumption use in New Jersey's ocean waters based on PCB in fish tissue.

**Conclusion:** Overall water quality was assessed based on support of New Jersey's six main designated uses. Statewide, the percentage of AUs fully supporting the applicable designated uses was 37% for Public Water Supply, 24% for Recreation, 20% for Shellfish Harvest for Consumption, 16% for Aquatic Life-General, 11% for Aquatic Life-Trout and <1% for Fish Consumption. Data also show that the most common pollutants affecting New Jersey's water quality are pathogens in recreational waters and shellfish harvesting areas; arsenic in waters designated as potential potable supplies; PCBs (polychlorinated biphenyls) and mercury in fish tissue; and total phosphorus in freshwaters (affecting aquatic life uses). A review of New Jersey's five water regions reveals that the Atlantic Coastal Region had the highest number of AUs that are fully supporting their designated uses followed by the Northwest, Lower Delaware, Raritan, and Northeast Regions. The Atlantic Coastal Region also had the highest number of delistings and new listings to the 303(d) List/Sublist 4 of the Integrated List; which is attributed to the comprehensive assessment completed in 2014. Furthermore, based on 2014 delistings, the Department will prepare "success stories" showing how work done to reduce point source and nonpoint source loadings of pollutants resulted in water quality improvement.

## 2.2: Changes to New Jersey's Integrated List

Section 2.1 summarized the assessment results of designated uses and their associated pollutants, as well as the most frequent causes of use impairment. This section focuses on significant changes to Sublists 4 and 5 of the Integrated List, which identify causes of use impairment. Sublist 4 identifies causes of use impairment that are already covered under or do not require an approved TMDL. Sublist 5 identifies causes of use impairment that require development of a TMDL (i.e., the 303(d) List). Parameters added to the 2014 303(d) List are considered "new listings". Parameters that were on the 2012 303(d) List but were removed are considered "new delistings". USEPA only allows delistings under certain circumstances. New listings and delistings, and the corresponding reasons, are summarized in Table 2.1A and explained in more detail in Appendix C. Figures 2.14A and 2.14B show where the top five new listings and new delistings are located throughout the State.

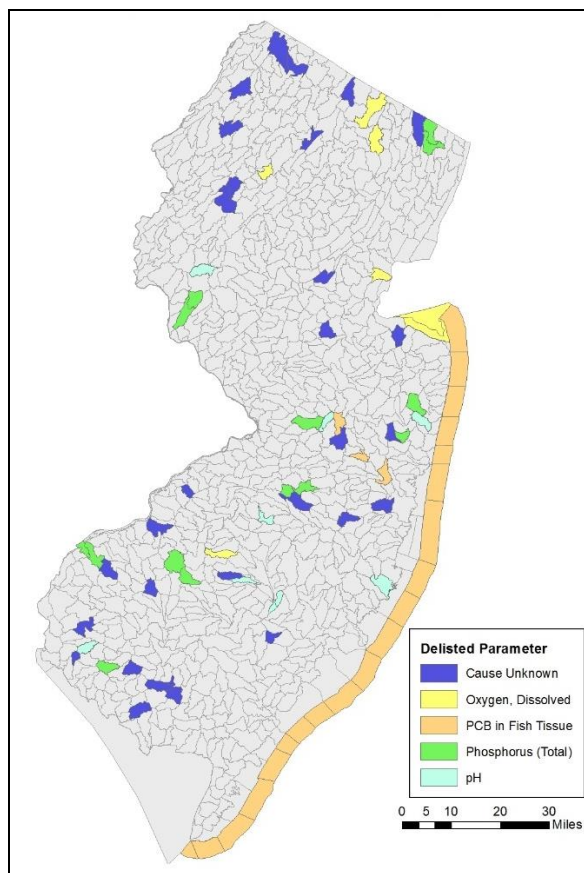
Table 2.1A: 2014 Sublist 5/303(d) New Listings and Delistings

Pollutant	New Listing <sup>1</sup>	Delisting <sup>2</sup>	Reason for Delisting			Net Change
			Attain WQS <sup>3</sup>	TMDL <sup>4</sup>	Other <sup>5</sup>	
Aluminum	2					2
Arsenic	32	4			4	28
Benzo(a)pyrene (PAHs)	1					1
Cause Unknown	32	30	21		9	2
Chlordane in Fish Tissue	6	3			3	3
Copper	3					3
DDT in Fish Tissue	3	3	1		2	0
Dieldrin	1	2			2	-1
Enterococcus	0	1	0		1	-1
Escherichia coli (E. coli)	25	4	0	3	1	21
Fecal Coliform		1	1			-1
Heptachlor epoxide	3	2			2	1
Hexachlorobenzene	1					1
Lead	2	1	1			1
Mercury in Fish Tissue	12	8	4		4	4
Mercury in Water Column	4	3	2		1	1
Oxygen, Dissolved (DO)	32	9	9			23
PCB in Fish Tissue	8	23			23	-15
pH	44	10	7		3	34
Phosphorus (Total), (TP)	20	15	5	8	2	5
Temperature, water	34					34
Total Coliform	22					22
Total Dissolved Solids (TDS)	1	1	1			0
Total Suspended Solids (TSS)	11	3	2		1	8
Turbidity	15	3	2		1	12
<b>Total</b>	<b>314</b>	<b>126</b>	<b>56</b>	<b>11</b>	<b>59</b>	188

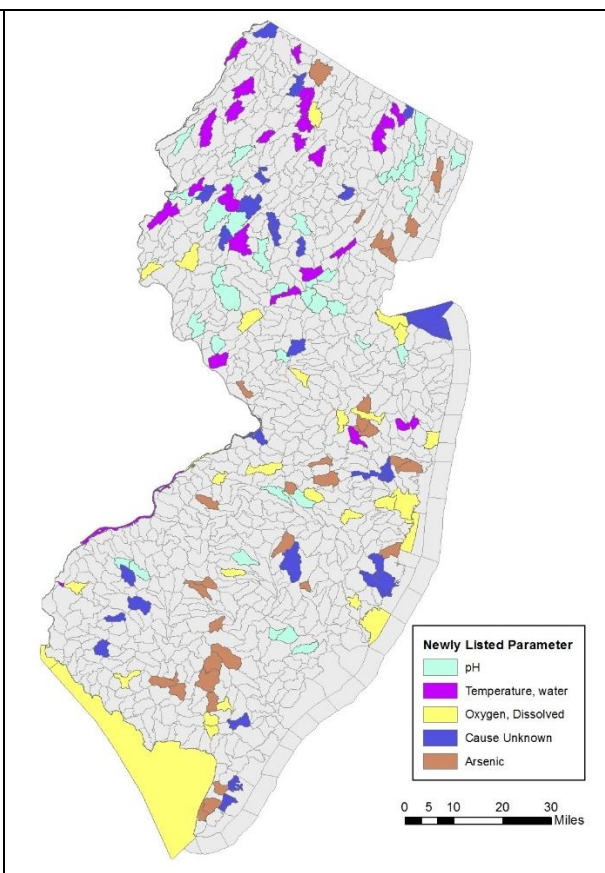
1. New listing to the 303(d) List
2. Total delistings from 303(d) List
3. Delisted based on water quality data showing attainment of applicable water quality standards
4. Delisted from 303(d) List based on an approved TMDL and moved to Sublist 4
5. Delisted based on administrative correction or assessment methods change



**Figure 2.14A: Top Five Delisted Parameters, Statewide**



**Figure 2.14B: Top Five Newly Listed Parameters, Statewide**



Parameters identified as new causes of water quality impairment that are already covered by a TMDL (and were not identified on a previous 303(d) List) are placed on Sublist 4.<sup>24</sup> Causes were removed from Sublist 4 if data showed that water quality standards were attained (moved to Sublist 1 or 2) or there was an assessment error and insufficient information was available to assess water quality (moved to Sublist 3). New causes added to or removed from Sublist 4 are summarized in Table 2.1B.

<sup>24</sup> USEPA does not consider removal from Sublist 4 to be a “delisting”, even if it results from attainment of applicable water quality standards, because the cause was removed (“delisted”) from a prior 303(d) List when the TMDL was approved. Similarly, new causes added directly to Sublist 4 are not considered new “listings” because they were already covered by a TMDL when the impairment was identified; they were not “listed” on or “delisted” from a prior 303(d) List.

Table 2.1B: 2014 Sublist 4 New Causes Added or Removed<sup>25</sup>

Pollutant	New Causes Added <sup>1</sup>	Causes Removed <sup>2</sup>	Reason for Removal		Net Change
			Attain WQS <sup>3</sup>	Other <sup>4</sup>	
Arsenic	2	3		3	-1
<i>Escherichia coli</i> ( <i>E. coli</i> )	15	22	14	8	-7
<i>Enterococcus</i>	2	5		5	-3
Fecal Coliform		78	29	49	-78
Nickel	2				2
Oxygen, Dissolved		2	2		-2
PCB in Fish Tissue		2		2	-2
Phosphorus (Total), (TP)	33	17	8	9	16
Total Coliform	39	13		13	26
<b>Total</b>	<b>93</b>	<b>142</b>	<b>53</b>	<b>89</b>	<b>-49</b>

1. Cause added directly to Sublist 4 in 2014 because it is covered by an approved TMDL; was not a prior 303(d) Listing
2. Total causes removed from Sublist 4
3. Removed from Sublist 4 based on water quality data showing attainment of applicable water quality standards
4. Removed from Sublist 4 based on administrative correction or assessment methods change

#### *Parameters Delisted or Removed as Causes of Water Quality Impairment*

The top five delistings from the 2014 303(d) List are PCB in fish tissue, TP, cause unknown, pH, and dissolved oxygen. Three of these parameters, pH, dissolved oxygen, and cause unknown, are also in the top five new listings. All of the dissolved oxygen (100%) and most of the pH (64%) delistings were based on data showing attainment of applicable water quality standards, along with 33% of TP and 36% of cause unknown. Delistings of PCB in fish tissue are all based on refinement of the assessment method (see fish consumption use assessment results). Overall, 45% of delistings are based on attainment of applicable water quality standards and restoration of the designated use to fully supporting. Causes removed from Sublist 4 include *E. coli*, *Enterococcus*, TP, and total coliform. All of these, along with arsenic, were also added to Sublist 4 as new causes of impairment that are covered by TMDLs. Most of the *E. coli* (64%) removals were based on data showing attainment of applicable water quality standards, along with 37% of fecal coliform and 47% of TP. All of the total coliform removals are based on refinement of the assessment method (see shellfish use assessment results). Overall, 37% of the Sublist 4 removals are based on attainment of applicable water quality standards and restoration of the designated use to fully supporting.

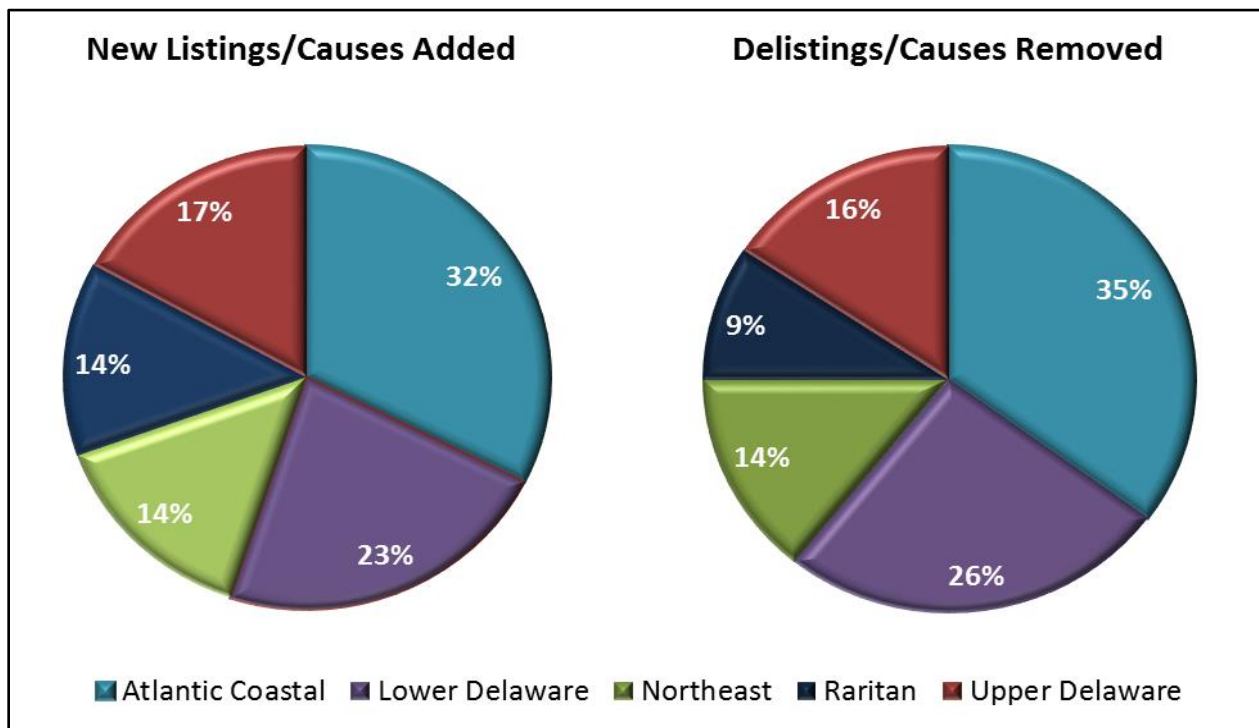
<sup>25</sup> “New causes” in Table 2.1b do not include parameters that were on the 2012 303(d) List and were moved from Sublist 5 to Sublist 4 and were “delisted” from the 303(d) List because they are covered by an approved TMDL.

*Parameters First Listed or Added as Causes of Water Quality Impairment*

The number of impaired waters on Sublists 4 and 5 increased by less than 1%, compared to 2012. The top five causes representing new listings on the 2014 303(d) List are pH, temperature, cause unknown, arsenic, and dissolved oxygen. New causes added to Sublist 4 are arsenic, *E. coli*, *Enterococcus*, TP, and total coliform. The most notable change from the 2012 Integrated List is that temperature is now one of most frequent causes of use impairment statewide. There was also a significant increase in listings for *total coliform*, the pathogenic indicator for shellfish harvesting, and *E. coli*, the pathogenic indicator for freshwater recreational use, compared to previous cycles; however, all of the new total coliform listings were due to administrative corrections and do not reflect declining water quality. A net decrease in *Enterococcus* listings reflects the excellent recreational water quality in New Jersey’s ocean waters, as well as incremental improvements in the bays and estuaries.

Figure 2.14C illustrates changes to Sublists 4 and 5 contributed by each Water Region, based on the relative percentage of new listings/causes added and delistings/causes removed. As expected, the comprehensive assessment of the Atlantic Coastal Region generated the highest number of new listings and delistings/removals (see Section 2.3).

**Figure 2.14C: Changes to Sublists 4 and 5 by Water Region, percent (%)**



The Atlantic Coastal Region has the highest number of AUs that fully support applicable designated uses. Assessment results for the Atlantic Coastal Region are explained in more detail in the section, “Water Quality Conditions in the Atlantic Coastal Region”. The Northwest and

Lower Delaware Regions have the next highest number of AUs that are fully supporting their designated uses, followed by the Raritan and Northeast Water Regions.

### 2.3: Water Quality Conditions in the Atlantic Coastal Region

The Atlantic Coastal Region (ACR) is the largest of New Jersey's five water regions, extending from the Raritan River to Cape May Point and encompassing the majority of the Pinelands National Reserve. The ACR consists of **293 AUs** covering 2,962 square miles, 5,812 miles of nontidal and tidal rivers, 6,632 square acres of lakes/reservoirs, and 745 square miles of estuaries/bays and ocean waters. The ACR includes portions of seven southern New Jersey counties, and encompasses over one million acres of farms, forests and wetlands, along with urban and suburban land uses. The Pinelands National Reserve, which comprises a significant amount of the land area within the ACR, was established by Congress in 1978 as the country's first National Reserve and, in 1983, was designated by the U.S. and the United Nations as an international Biosphere Reserve<sup>26</sup>. The 1.1 million-acre Pinelands occupies 22% of New Jersey's land area and is the largest body of open space on the Mid-Atlantic seaboard between Richmond and Boston.<sup>27</sup>

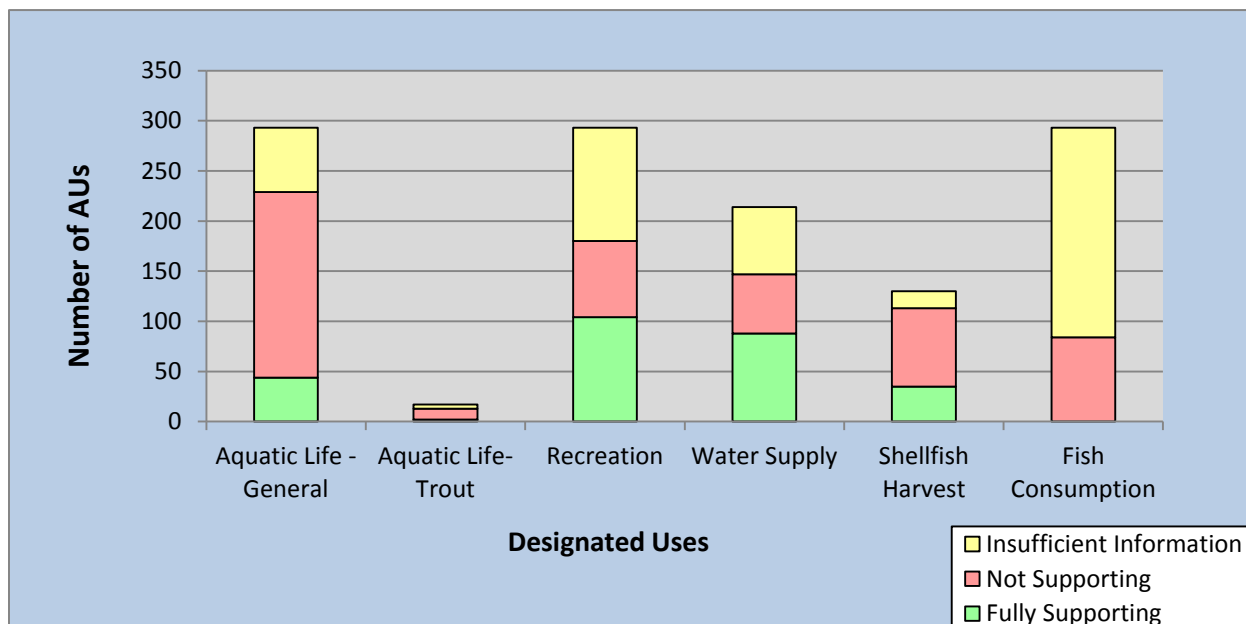
An extensive amount of water quality data is available for the ACR from a variety of sources. In addition to water quality sampling conducted by the Department throughout the region, sampling is routinely conducted by other entities focusing on specific areas or issues of interest throughout the region. The ACR contains the Barnegat Bay Watershed, which is the focus on the Governor's 10-Point Action Plan to restore the ecological health of the bay. The Department and other partners have conducted intensive data collection over the last several years to advance several of items of the Action Plan. The assessment decisions in the ACR reflect this robust dataset, producing decisions of high quality and confidence and a lower number of AUs with insufficient data to assess use support.

The comprehensive regional assessment piloted in the ACR allowed the Department to address multiple water resource concerns and enhance assessment decisions through consideration of environmental conditions affecting the region and integrating other lines of evidence into the assessment process. Overall water quality conditions in the freshwater portions of the ACR are relatively good and are better than fresh water conditions elsewhere in the State. Waters within the Pinelands National Reserve displayed more positive water quality results than waters outside of the Pinelands. Such differences in water quality are attributable to fewer anthropogenic disturbances within the Pinelands. Freshwaters outside of the Pinelands are impacted by development and agricultural uses, especially in Monmouth County and northern Ocean County. Coastal waters and estuaries were good for recreation and shellfish harvesting. There remain some areas where dissolved oxygen does not meet water quality criteria, which is a concern relative to aquatic life support in Barnegat Bay. Results are summarized in Fig 2.15.

<sup>26</sup> The New Jersey Pinelands Commission. [The New Jersey Pinelands: A Natural Treasure](http://www.state.nj.us/pinelands/images/pdf%20files/Pinelands%20Brochure1.pdf). Available at <http://www.state.nj.us/pinelands/images/pdf%20files/Pinelands%20Brochure1.pdf>.

<sup>27</sup> The New Jersey Pinelands Commission. [The Pinelands National Reserve](http://www.state.nj.us/pinelands/reserve/). Available at <http://www.state.nj.us/pinelands/reserve/>.

Figure 2.15: 2014 Designated Use Assessment Results for the Atlantic Coastal Region (293 AUs)



Use assessment results for the ACR were generally better than statewide use assessment results (see Table 2.2). While both statewide and ACR results showed that public water supply use and recreation had the highest percentage of use support, the relative percentage of AUs fully supporting applicable designated uses was generally higher in the ACR. The relative percentage of AUs not supporting applicable designated uses was generally lower in the ACR, except for aquatic life trout.

Table 2.2: Use Assessment Results Statewide (SW) vs. Atlantic Coastal Region (ACR), Number and Percentage (%) of AUs

Designated Use	Aquatic Life - General				Aquatic Life - Trout				Recreation			
	SW		ACR		SW		ACR		SW		ACR	
Fully Supporting	153	16%	45	15%	22	11%	2	12%	230	24%	104	35%
Not Supporting	616	65%	184	63%	112	57%	11	65%	391	41%	76	26%
Insufficient Information	189	20%	64	22%	66	33%	4	24%	337	35%	113	39%
<b>Total AUs Applicable</b>	<b>958</b>		<b>293</b>		<b>200</b>		<b>17</b>		<b>958</b>		<b>293</b>	

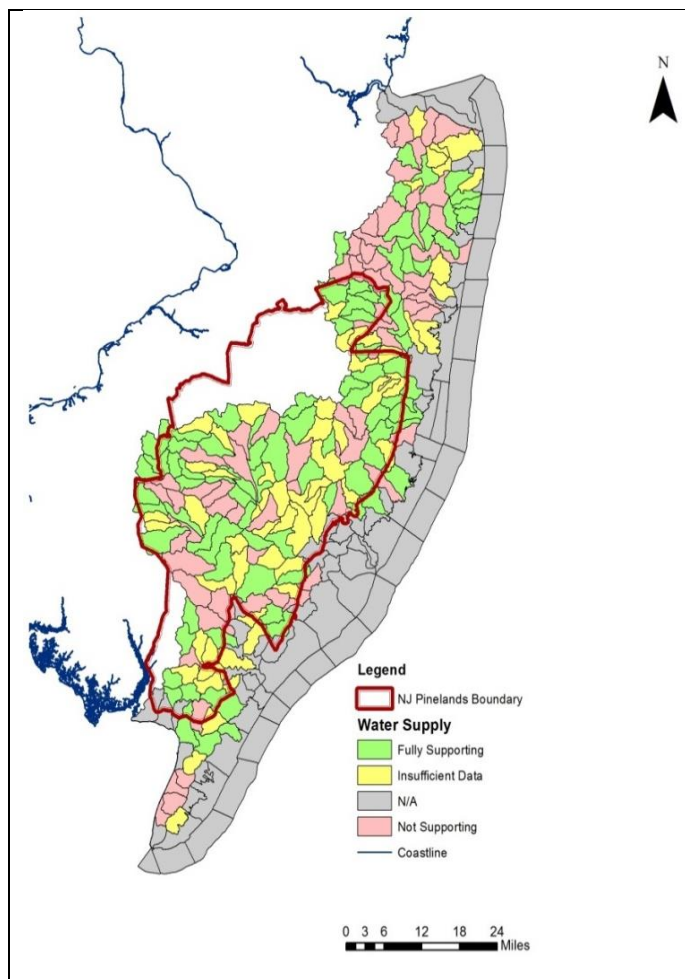
Designated Use	Water Supply				Shellfish Harvest				Fish Consumption			
	SW		ACR		SW		ACR		SW		ACR	
Fully Supporting	305	37%	88	41%	35	20%	35	27%	1	0%	0	0%
Not Supporting	309	37%	59	28%	117	67%	78	60%	342	36%	84	29%
Insufficient Information	212	26%	67	31%	22	13%	17	13%	615	64%	209	71%
<b>Total AUs Applicable</b>	<b>826</b>		<b>214</b>		<b>174</b>		<b>130</b>		<b>958</b>		<b>293</b>	



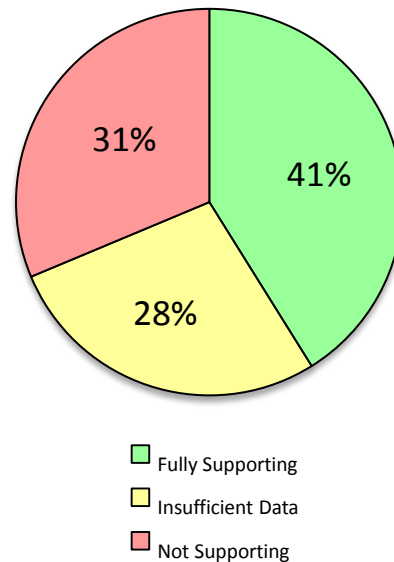
Assessment results for each designated use are discussed in more detail below, along with results for key parameters associated with each use.

**Public Water Supply:** Forty-one percent of applicable AUs in the ACR fully support the public water supply use, which is slightly higher than the relative percentage statewide (37%); 28% do not support the use, and 31% have insufficient information to assess the use (see Figures 2.15A and 2.15B). As with the rest of the State, the predominant cause of use impairment is arsenic (91%); however, of the 64 AUs impaired by arsenic, almost half (29 AUs) are at or below naturally-occurring regional arsenic concentrations, based on USGS studies in the Coastal Plain. Naturally-occurring conditions are generally not considered to represent use impairment; however, these arsenic concentrations exceed established human health criteria and must be placed on the 303(d) List according to USEPA requirements. Therefore, AUs with these naturally occurring concentrations of arsenic have been placed on a special subpart of the 2014 303(d) List, Sublist 5A, for which TMDL development is not an effective response.

**Figure 2.15A: ACR Assessment Results for Public Water Supply Use, Spatial Extent**



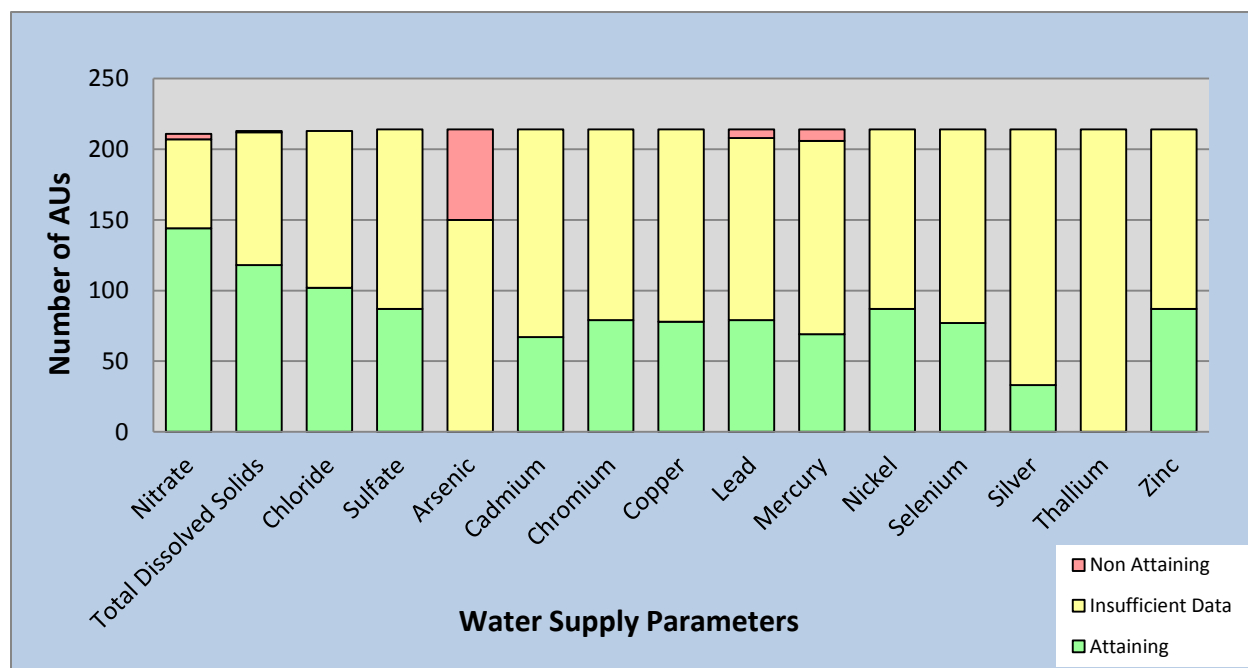
**Figure 2.15B: ACR Assessment Results for Public Water Supply Use, Percent (%)**



Total Number of Applicable AUs = 214 AUs

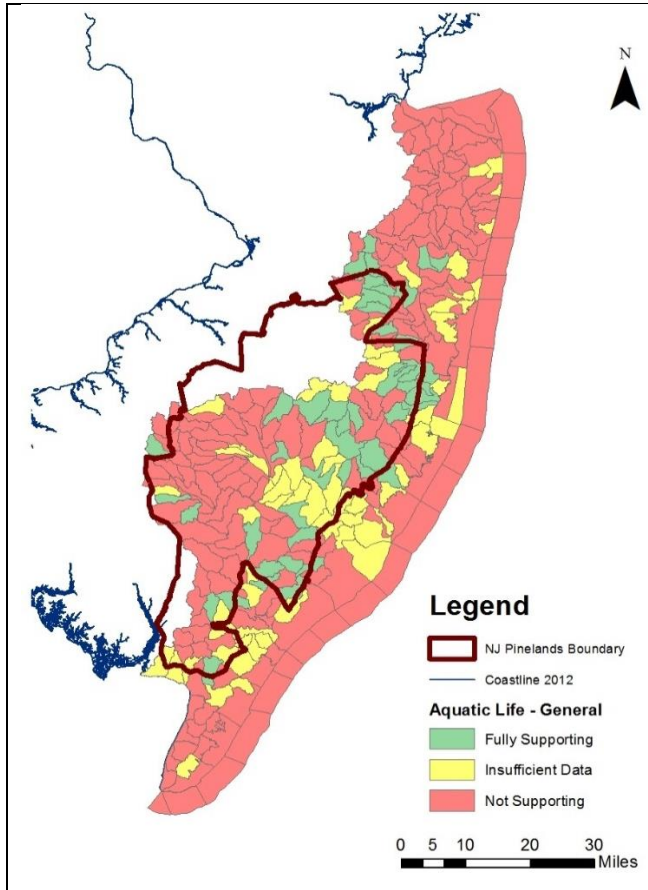
As was the case statewide, many AUs in the region had insufficient data to assess metals; however, wherever metals data were collected, they attained applicable water quality standards except for arsenic, discussed above, and a small number of mercury and lead exceedances (see Figure 2.16). A small number of AUs exceeded the human health criterion for mercury in the water column in smaller rivers and tributaries such as Hammonton Creek, Absecon Creek, Squankum Branch, Wrangel Brook, Waretown Creek, and Big Brook. Lead exceedances were limited to the Metedeconk River, Skit Branch, and Matawan Creek. Five of seven nitrate exceedances statewide occurred within the Pinelands portion of the ACR. It is noteworthy that the nitrate criterion for Pinelands waters (2 mg/L) is much more stringent than other freshwaters in New Jersey (10 mg/L). The difference is that the nitrate criterion in the Pinelands was set to protect the unique ecology of the Pinelands and the criterion in the rest of the state is set at the health based drinking water standard. All data collected for total dissolved solids (TDS), chloride, and sulfate within the ACR attained applicable water quality standards.

**Figure 2.16: ACR Assessment Results for Parameters Associated With the Water Supply Use (214 AUs)**

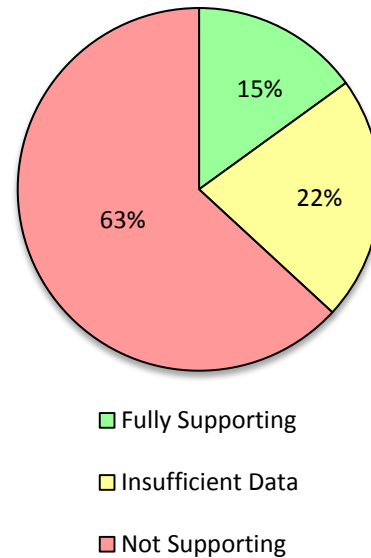


**Aquatic Life:** Fifteen percent of ACR AUs fully support the general aquatic life use (compared to 16% statewide), 63% do not support the use, and 22% have insufficient information to assess the use (see Figures 2.17A and B).

**Figure 2.17A: ACR Assessment Results for General Aquatic Life Use, Spatial Extent**



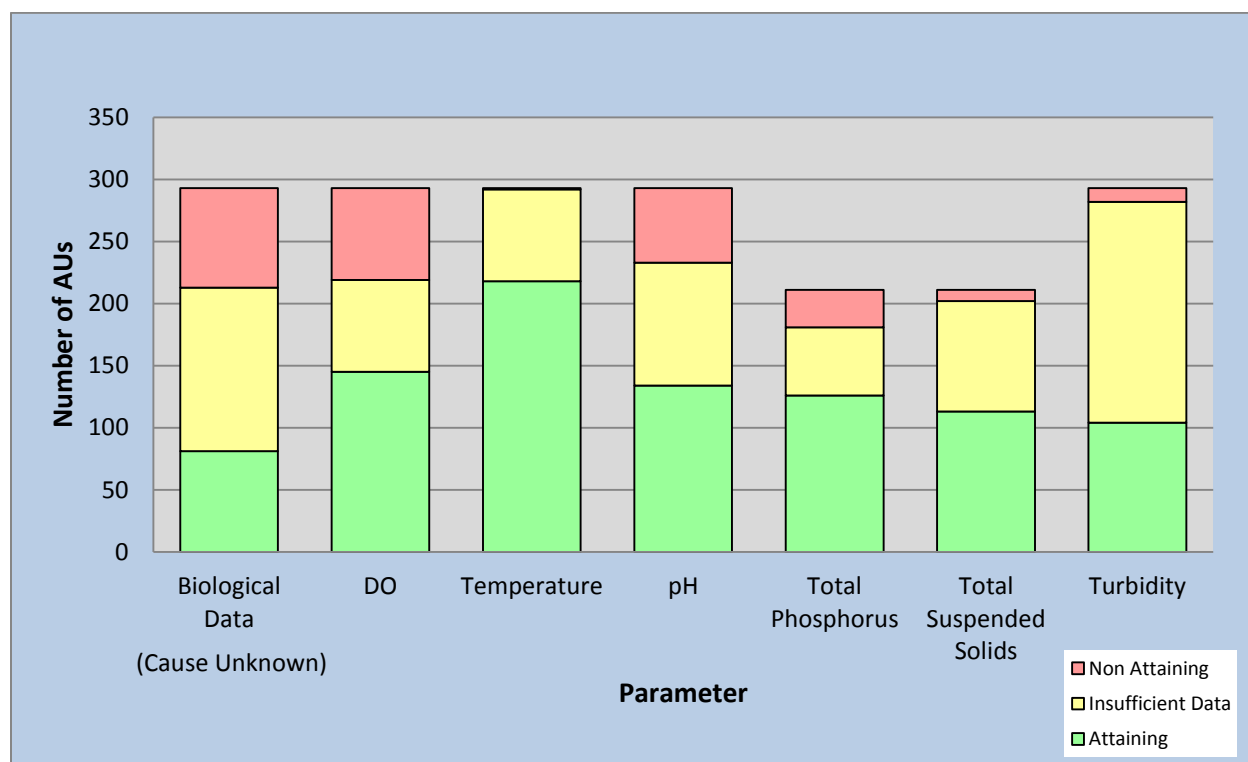
**Figure 2.17B: ACR Assessment Results for General Aquatic Life Use, Percent (%)**



Total Number of Applicable AUs = 293

The predominant parameter causing aquatic life use impairment is “cause unknown”, followed by pH, and dissolved oxygen (see Figure 2.18). A much higher number of 303(d) listings for pH and DO were located in the ACR compared to other regions. Assessment results for the key parameters associated with the Aquatic Life Use are explained in more detail below.

**Figure 2.18: ACR Assessment Results for Conventional Parameters Associated with the General Aquatic Life Use (293 AUs)**



Macroinvertebrate data showed that 28% of ACR AUs are not impaired/attain applicable WQS (compared to 26% statewide), 27% were impaired (36% statewide), and 45% had insufficient information (38% statewide). However, Pinelands waters showed much healthier biological communities than ACR waters outside the Pinelands. When examining AUs with sufficient macroinvertebrate data for an assessment (161 of the 293 AUs in the ACR), Pinelands waters show 65% fully supporting (66 of 102 AUs) while non-Pinelands waters are only 25% fully supporting (15 of 59 AUs). This difference correlates with the disparity in land use. Land cover within the Pinelands is mostly forested and wetlands with intact riparian buffers, while the majority of the land use outside the Pinelands is heavily impacted by urbanization and agriculture. AUs with biological impairment but no corresponding pollutant exceedances are assessed as not supporting the aquatic life use due to “cause unknown”. The majority of new 303(d) listings for cause unknown within the ACR (87%) are located outside of the Pinelands. A significant percentage of waters within the ACR have insufficient information to assess the general aquatic life use. This is because current biological assessment methods apply only to freshwaters. The Department is currently developing a benthic macroinvertebrate index for coastal and estuary waters. Once this new index is available, the Department will be able to assess the general aquatic life use in all waters of the ACR.

**Dissolved oxygen (DO)** attained applicable WQS in 50% of all ACR AUs, 25% did not attain, and 25% had insufficient information. Although numerous data show low dissolved oxygen throughout the Pinelands, it is likely that this condition is due to the significant input of ground

water with very low oxygen levels, coupled with the slow, meandering flow that is characteristic of streams in this ecoregion, which naturally reduces stream aeration. Other characteristics of Pinelands waters, including adjacent wetlands, low flows, and high oxygen demand from organic matter in streams, may also contribute to the observed low dissolved oxygen conditions. The Department recognizes that the current freshwater criteria for dissolved oxygen may not be representative of streams in this ecoregion and further investigation is warranted. For more information on Pinelands water quality and environmental conditions, the Pinelands Commission has posted numerous publications, including watershed reports of major basins in the Pinelands, on its website at <http://www.state.nj.us/pinelands/science/pub>. Low DO levels have also been reported in the near-shore Atlantic Ocean waters along the entire New Jersey Coast since the early 2000's. The Department is conducting extensive sampling using continuous monitoring instruments (i.e., Slocum Glider submersible) to help better understand the spatial and temporal impacts of dissolved oxygen, salinity and temperature at various depths, and to determine if these low DO events are natural occurrences. Other monitoring efforts along the shore, including recent intensive sampling in the Barnegat Bay Estuary, resulted in over 50% of new DO impairments on the 2014 303(d) List.

**Temperature** shows very high attainment rates throughout the Region, with 74% of all ACR AUs attaining applicable WQS, less than 1% exceeding the criteria, and 25% with insufficient information. Therefore, of the 219 AUs that had sufficient data to assess temperature, only one AU showed an exceedance of the criterion.

**pH:** Almost half of all ACR AUs (46%) meet the applicable WQS for pH; 20% exceed criteria, and 34% have insufficient information. The majority of pH exceedances occurred within the Pinelands, where anthropogenic impacts upstream and within the Pinelands cause pH levels that are higher than the naturally acidic pH criteria for Pinelands waters. The Pinelands ecosystem can be significantly impacted by development, resulting in a rise in pH levels. These impacts can be far reaching in this unique ecosystem where development in the headwaters outside of the Pinelands Reserve can cause pH impairments throughout the downstream system, even in heavily forested areas such as along the Great Egg Harbor River. Conversely, freshwaters that are outside the Pinelands but whose headwaters originate within the Pinelands have pH levels that are lower than the freshwater pH criteria because the low pH of the Pinelands waters continues to influence the downstream waters as they flow outside the jurisdictional boundaries of the Pinelands. The Department determined that the low pH in such waters represents natural conditions and they were not placed on the 2014 303(d) List (see Appendix D "2014 Natural Conditions for pH (Not Listed)").

**Total phosphorus (TP)** showed significantly higher attainment of TP criteria in the region, with 60% of 211 ACR AUs meeting applicable WQS, compared to 42% of 832 AUs statewide, with 14% not supporting and 26% insufficient information. As with many of the aquatic life use parameters, the Pinelands showed very few exceedances. The majority of TP exceedances were found in the Monmouth County Watershed Management Area (WMA 12), where urban development and agriculture are suspected as the primary source of nutrients.

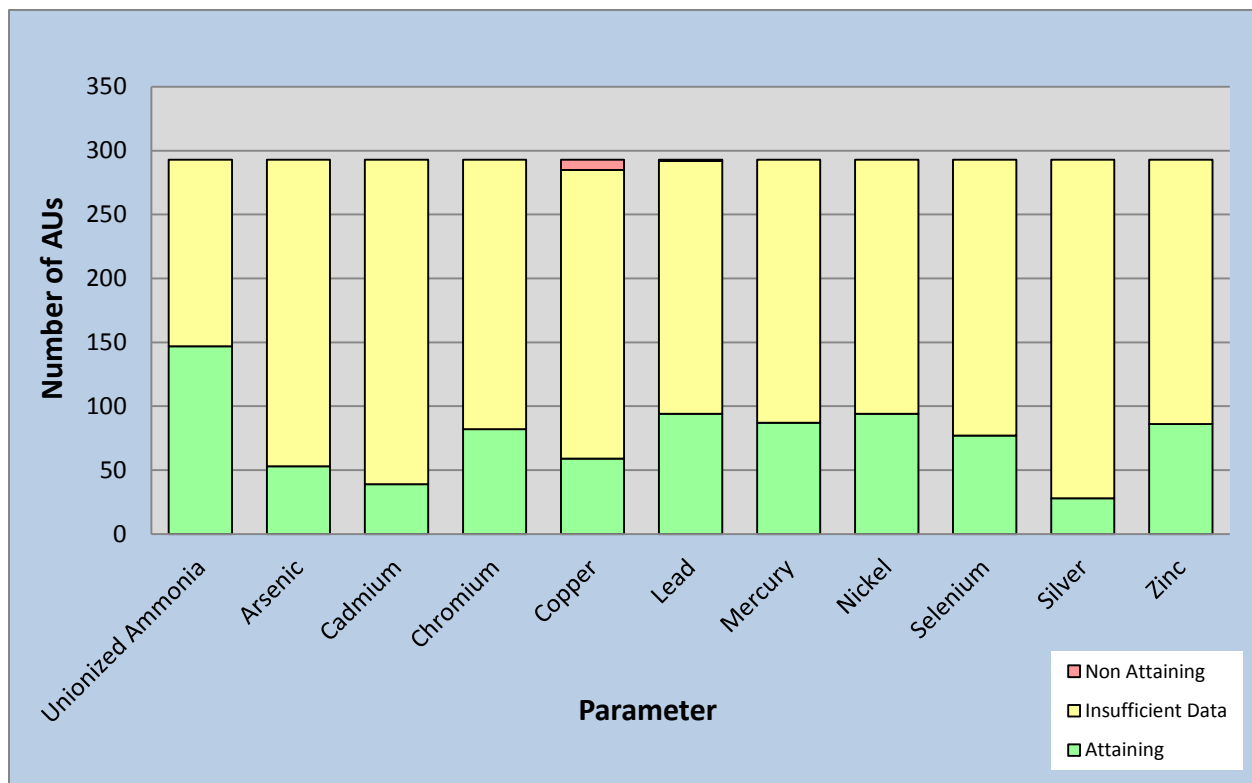


**Turbidity** attained applicable WQS in over half (54%) of 211 ACR AUs; however, 42% had insufficient information. Only 4% of applicable AUs had data showing exceedance of the turbidity criterion.

**Total suspended solids** attained applicable WQS in 35% of all 293 ACR AUs; however, most (61%) had insufficient information. As with turbidity, only 4% of AUs exceeded the applicable criterion.

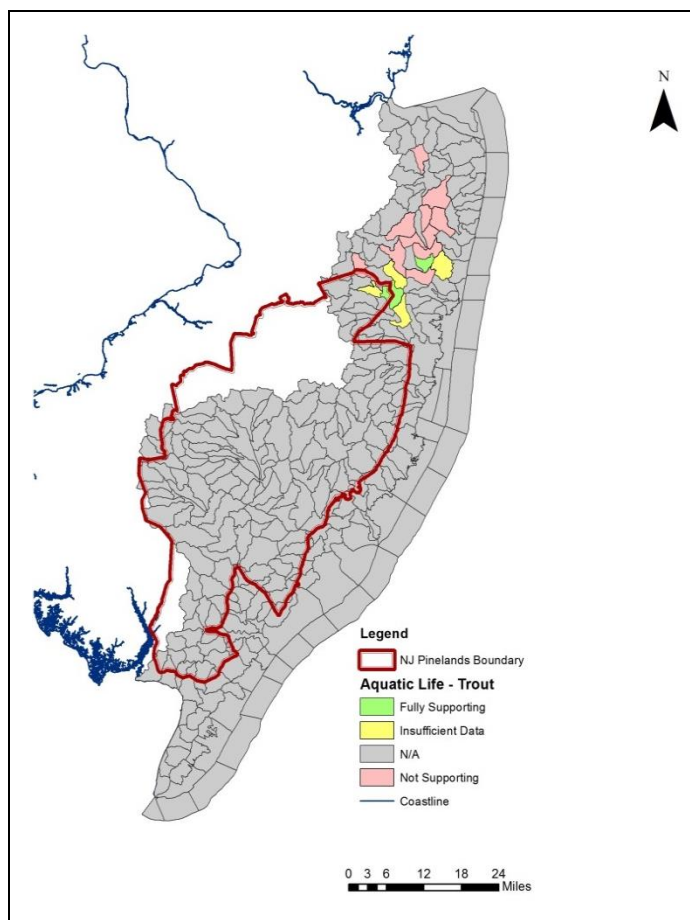
**Metals** generally attained the aquatic life use criteria, except for a small number of copper and lead exceedances (see Figure 2.19). Only 3% of all ACR AUs exceeded the aquatic life criterion for **copper**, mostly occurring in the lower Great Egg Harbor River, Hammonton River, and Matawan Creek. There was only one other exceedance of aquatic life criteria for metals or toxics, **lead** in Matawan Creek. All other available data in all 293 AU attained applicable criteria for aquatic life, although most AUs had insufficient data.

**Figure 2.19: ACR Assessment Results for Metals Based on Aquatic Life Criteria (293 AUs)**

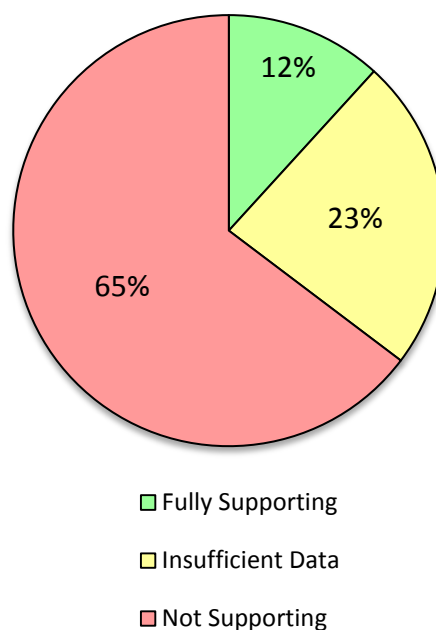


**Trout Aquatic Life Use:** Trout waters within the region are very limited. There are no trout production waters and only 17 of the ACR’s 293 AUs contain trout maintenance waters, mostly in the Manasquan River, Toms River, and Metedeconk River watersheds. Six of those 17 AUs had insufficient information to assess the trout use. Of the 11 AUs that had sufficient information, 15% fully support the aquatic life trout use, compared to 16% of assessed waters statewide. Overall, 12% of the applicable AUs fully support the use, 65% do not support the use, and 23% have insufficient information to assess the use (see Figures 2.20A and 2.20B). The trout use has the second lowest level of use support in the ACR, after fish consumption.

**Figure 2.20A: ACR Assessment Results for Trout Aquatic Life Use, Spatial Extent**



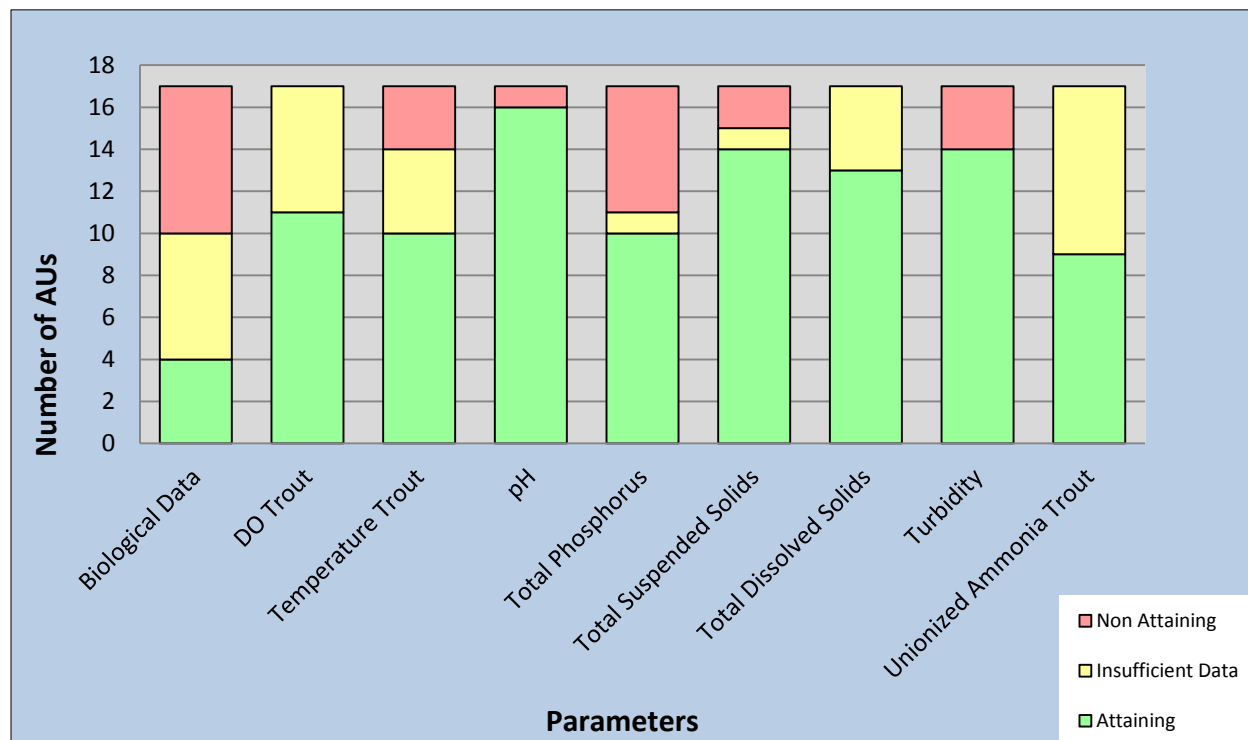
**Figure 2.20B: ACR Assessment Results for Trout Aquatic Life Use, Percent (%)**



Total Number of Applicable AUs = 293

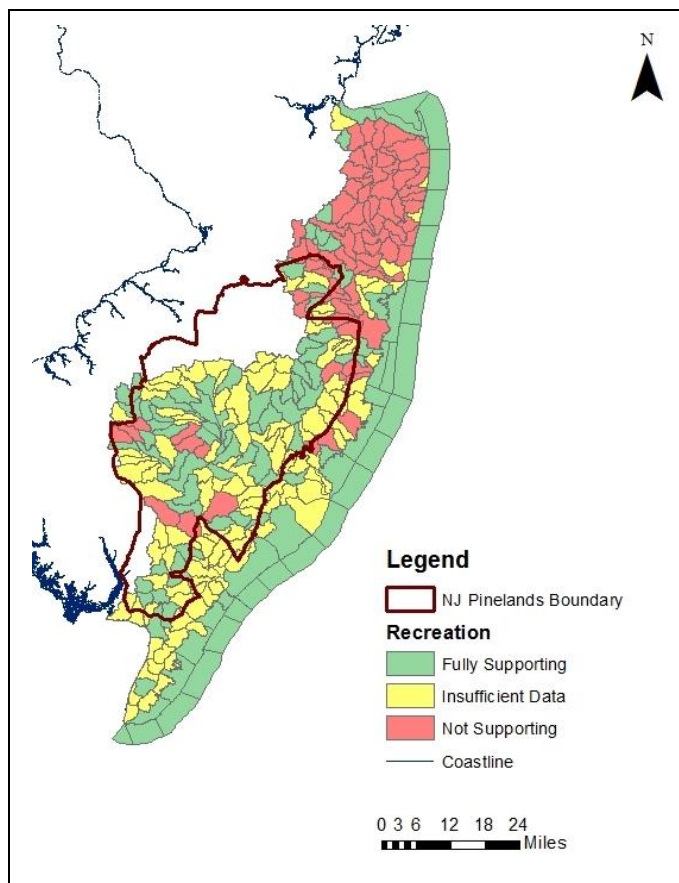
Biological impairment (i.e., cause unknown) and TP were the most frequent causes of trout use impairment, showing non-attainment in 35% of applicable ACR AUs (see Figure 2.21), followed by temperature (24%), turbidity (18%), TSS (12%), and pH (6%). This differs from statewide results, which show that temperature is the predominant cause of trout use impairment. As noted previously, temperature, DO, pH and biological data are the critical parameters for support of trout uses. There were no DO exceedances in the ACR trout waters. All of the trout impairments were located outside the Pinelands, except for temperature exceedances in one AU along the Toms River. All of the total phosphorus exceedances occurred in WMA 12 (Monmouth County).

**Figure 2.21: ACR Assessment Results for Conventional Parameters Associated with the Trout Aquatic Life Use (17 AUs)**

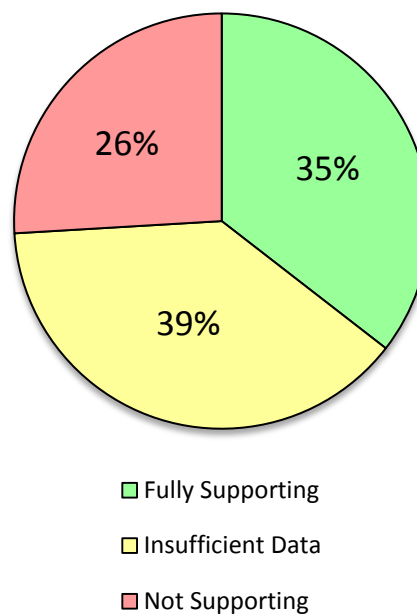


**Recreation:** As shown in Figures 2.22A and 2.22B, thirty-five percent of ACR AUs fully support the recreational use (compared to 24% AUs statewide), 26% do not support the use, and 39% have insufficient information to assess the use. As with the statewide results, coastal and estuarine waters in the ACR showed higher support for the recreation use than freshwaters (streams, rivers, and lakes). Assessment of ocean beaches, where most bathing occurs, shows that these waters are fully swimmable from Sandy Hook to Cape May Point. Freshwaters represent over 80% of recreational use impairment.

**Figure 2.22A: ACR Assessment Results for Recreation Use, Spatial Extent**



**Figure 2.22B: ACR Assessment Results for Recreation Use, Percent (%)**



Total Number of Applicable AUs = 293

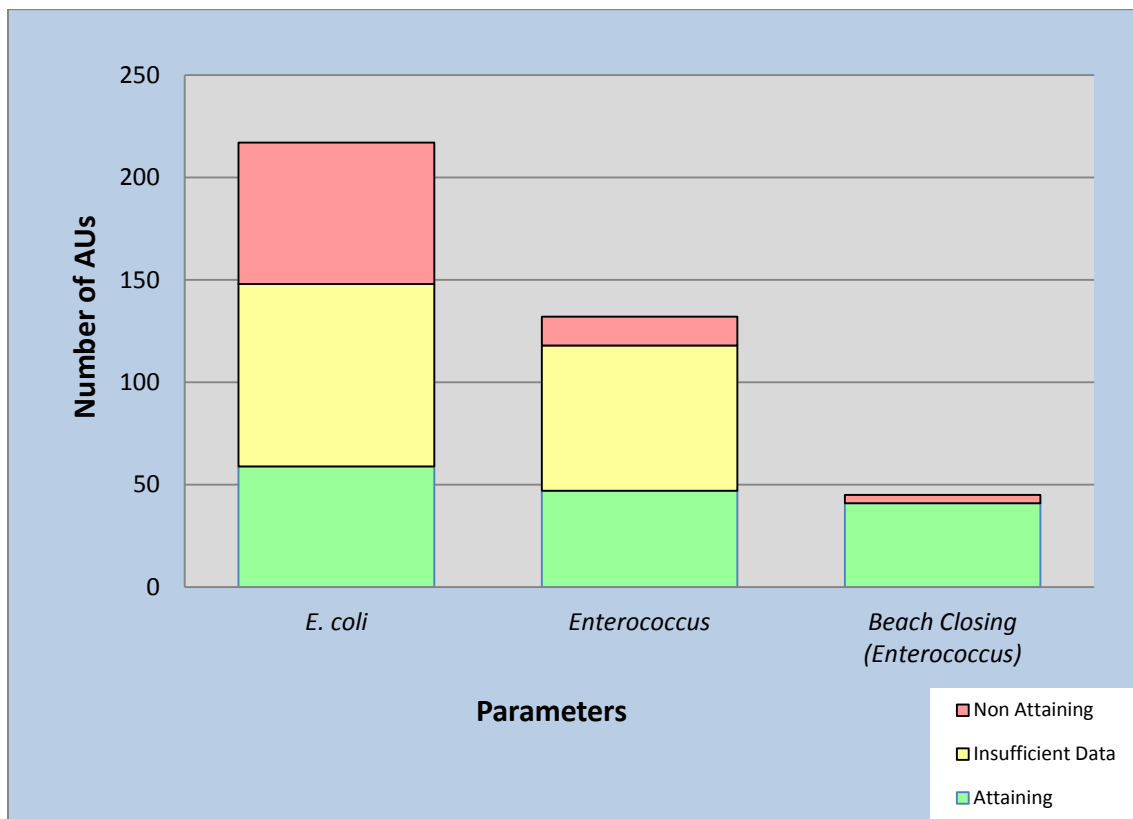
The predominant cause of recreational use impairment is the presence of pathogenic indicators. Figure 2.23 shows a much higher percentage of AUs (45%) impaired by *E. coli*, the freshwater pathogen indicator, than AUs (9%) impaired by *Enterococcus*, the saline water pathogen indicator. This figure also shows that a small percentage of recreational use assessments based on beach closure data (7% of 45 AUs) resulted in use impairment<sup>28</sup>. TMDLs have been

<sup>28</sup> The following three AUs were assessed as not supporting the recreation use based on beach closure events rather than ambient water quality data: NJ02030104090060-01, NJ02030104100100-01, and BarnegatBay04.

completed for most (72%) of the waters that do not support recreational uses because of pathogens.

Pathogenic impairments in freshwaters in the ACR are found in areas heavily impacted by anthropogenic sources. As would be expected, the majority waters within the Pinelands fully support the recreational use. Pathogen impairments outside of the Pinelands are generally located within heavily urbanized areas in Monmouth County and Northern Ocean County. In many of these areas, pathogen levels increase dramatically during rainfall events, indicating stormwater runoff (nonpoint sources of pollution) as the source of these pollutants. Although overall results are significantly better in the ACR than statewide, intensive sampling in the Barnegat Bay over the last several years identified a high number of *E. coli* impairments in tributaries to the bay, which account for 41% of the new listings on the 2014 303(d) List.

**Figure 2.23: ACR Assessment Results for Parameters Associated with the Recreation Use (293 AUs)\***

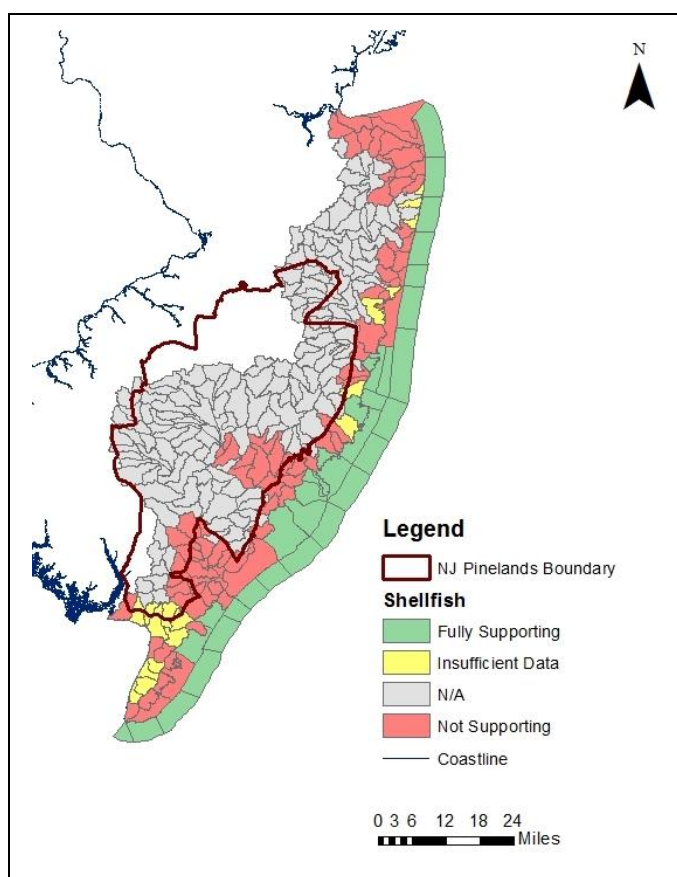


\*Note: Nine of the 76 AUs not supporting the recreation use are impaired for more than one of these causes. Three were of these nine AUs were assessed as impaired based on beach closure events rather than ambient water quality data: NJ02030104100100-01, NJ02030104090060-01, and BarnegatBay04.

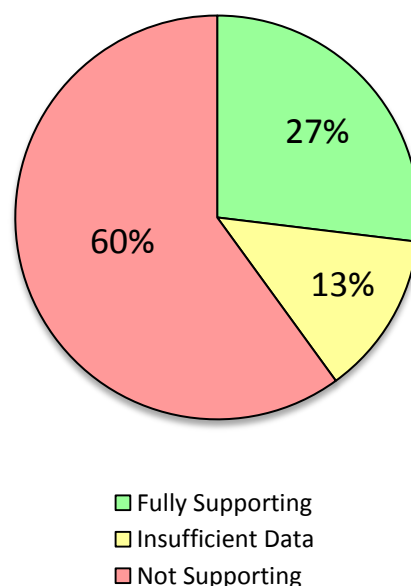


**Shellfish Harvest for Consumption:** The percentage of ACR AUs fully supporting the shellfish harvest for consumption use (27% of 130 AUs) is slightly higher than AUs statewide (20% of 174 AUs). Sixty percent of applicable AUs do not support the use<sup>29</sup> and 13% have insufficient information to assess the use (see Figures 2.24A and B). As with statewide shellfish waters, only shellfish waters classified as “approved” are assessed as fully supporting the designated use even though shellfish may be harvested from shellfish waters that are seasonal and special restricted. As explained under the statewide use assessment results, the increase in AUs assessed as impaired resulted from changes to the use assessment process and does not reflect on overall decline in water quality conditions.

**Figure 2.24A: ACR Assessment Results for Shellfish Use, Spatial Extent**



**Figure 2.24B: ACR Assessment Results for Shellfish Use, Percent (%)**



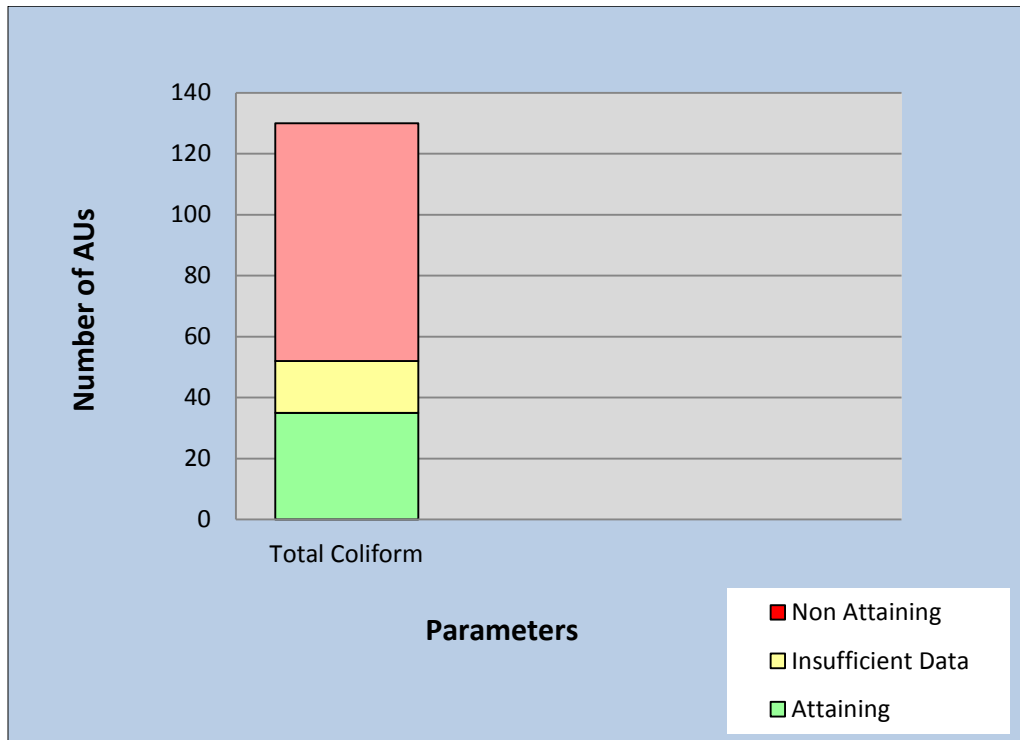
Total Number of Applicable AUs = 130

The shellfish harvest for consumption use is assessed based on total coliform, a pathogenic indicator. Seasonal restrictions are imposed on certain shellfish waters during the summer months as a precaution against impacts from seasonal anthropogenic sources such as marinas, recreational activity, and storm runoff in the back bays, estuaries, and tidal rivers. A majority of

<sup>29</sup> AUs assessed as not supporting the shellfish harvest for consumption use include shellfish waters classified as harvestable with seasonal restrictions and harvestable with special restrictions (i.e., depuration treatment is required), as well as waters where shellfish harvest is prohibited.

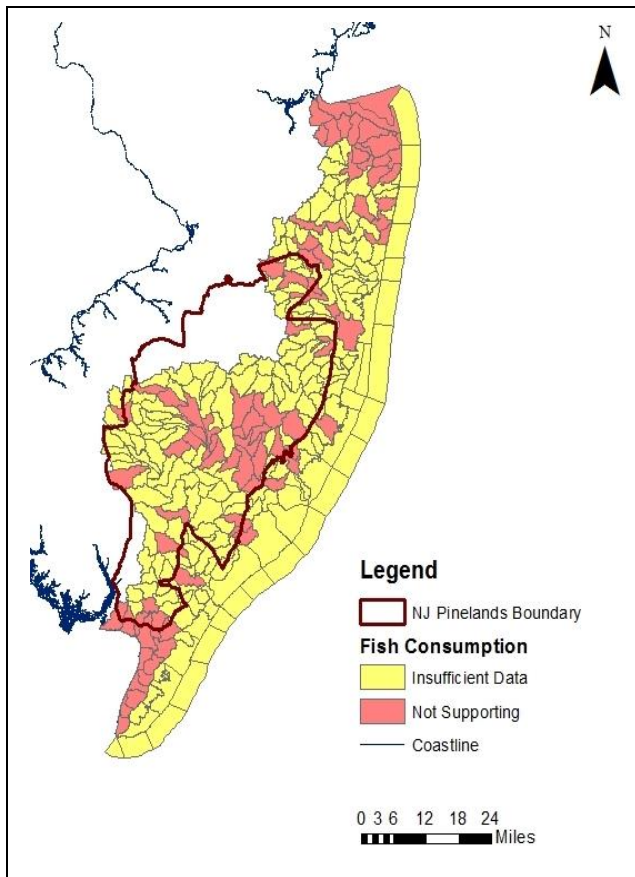
the ACR AUs assessed as not supporting the shellfish harvesting use are due to these seasonal restrictions, rather than data showing water quality impairment. Pathogen TMDLs have been developed for most of the impaired waters in the ACR, except for the Raritan Bay and its tributaries, which are classified as special restricted waters that require harvested shellfish to be further purified by relay to approved waters or depuration prior to being consumed. As with recreational use, the ocean waters are of very high quality and fully support the shellfish use from Sandy Hook to Cape May.

**Figure 2.25: ACR Assessment Results for Parameters Associated with the Shellfish Use (130 AUs)**

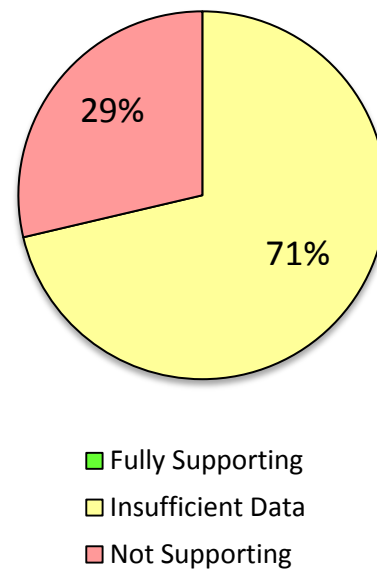


**Fish Consumption:** None of the ACR’s 293 AUs fully support the fish consumption use; however, 71% of AUs have insufficient information to assess the use, primarily due to a lack of fish tissue data (see Figures 2.26A and B). Where data are available, they show that the use is impaired (29% AUs). The fish consumption use is assessed based on bioaccumulative toxins that are used to develop fish consumption advisories. All new fish tissue data in ACR waters exceed the standard for unrestricted fish consumption, except for mercury in fish tissue in the Raritan Bay and two tributaries (Navesink River and Matawan Creek).

**Figure 2.26A: ACR Assessment Results for Fish Consumption Use, Spatial Extent**



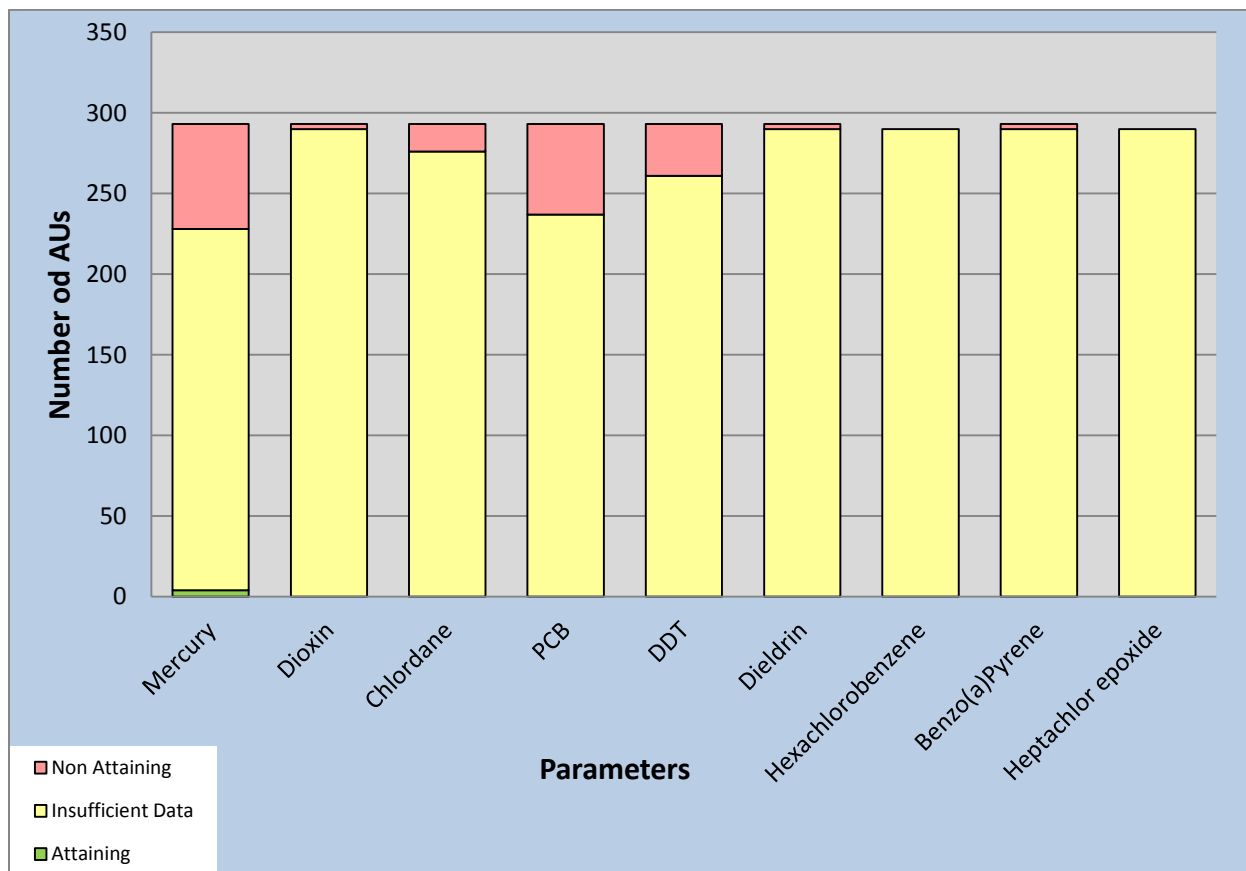
**Figure 2.26B: ACR Assessment Results for Fish Consumption Use, Percent (%)**



Total Number of Applicable AUs =293

Mercury and PCB in fish tissue are the predominant causes of use impairment (see Figure 2.27) although, as discussed earlier, PCB in fish tissue along the Atlantic Coast is no longer on the 303(d) List because the waters from which the fish contamination arose are unknown. Other causes of use impairment found in fish tissue or subject to fish advisories are DDT and its metabolites, chlordane, dioxin, dieldrin and benzo(a)pyrene.

**Figure 2.27: ACR Assessment Results for Parameters Associated with the Fish Consumption Use (293 AUs)**



The comprehensive regional assessment process allowed the Department to improve confidence in its assessment decisions for the ACR by conducting a detailed analysis of environmental conditions in the region. The comprehensive assessment included a detailed analysis of hydrography, land use, and potential point and nonpoint pollution sources to determine water quality at sampling stations, and to confirm station associations with specific AUs to determine the spatial extent of the ambient water quality each station represents. This enhanced assessment process included a thorough review of sampling sites to identify inappropriate locations or associations that resulted in invalid use assessment decisions, such as:

- benthic macroinvertebrate sampling stations located below lakes and impoundments or in headwaters, which skew the biological index;
- chemical sampling stations located in wetlands that misrepresent ambient water quality conditions within the AU; and
- biological/chemical stations located along the head of tide, which are influenced by tidal waters and not appropriate for assessment of freshwater or biological criteria.

The comprehensive regional assessment also allowed for consideration of results from nearby sampling stations and historical data to confirm current water quality conditions. Restoration

activities that were associated with improved water quality were identified. Natural conditions were thoroughly investigated, such as low pH conditions in waters surrounding the Pinelands Reserve and pH-influenced low dissolved oxygen levels within the Pinelands. Potential pollutant sources were also identified, specifically in impaired waters that had minimal development or point sources, such as within the Pinelands and other less developed watersheds. The comprehensive assessment of the Atlantic Coastal Region resulted in an increase in the number of thorough, validated, high confidence assessment decisions regarding ambient water quality conditions. The comprehensive assessment also identified data gaps to guide future water quality sampling, sources of impairment on which to focus restoration activities, and new water quality issues for future investigation.

#### **2.4: Water Quality Conditions in the Barnegat Bay Watershed**

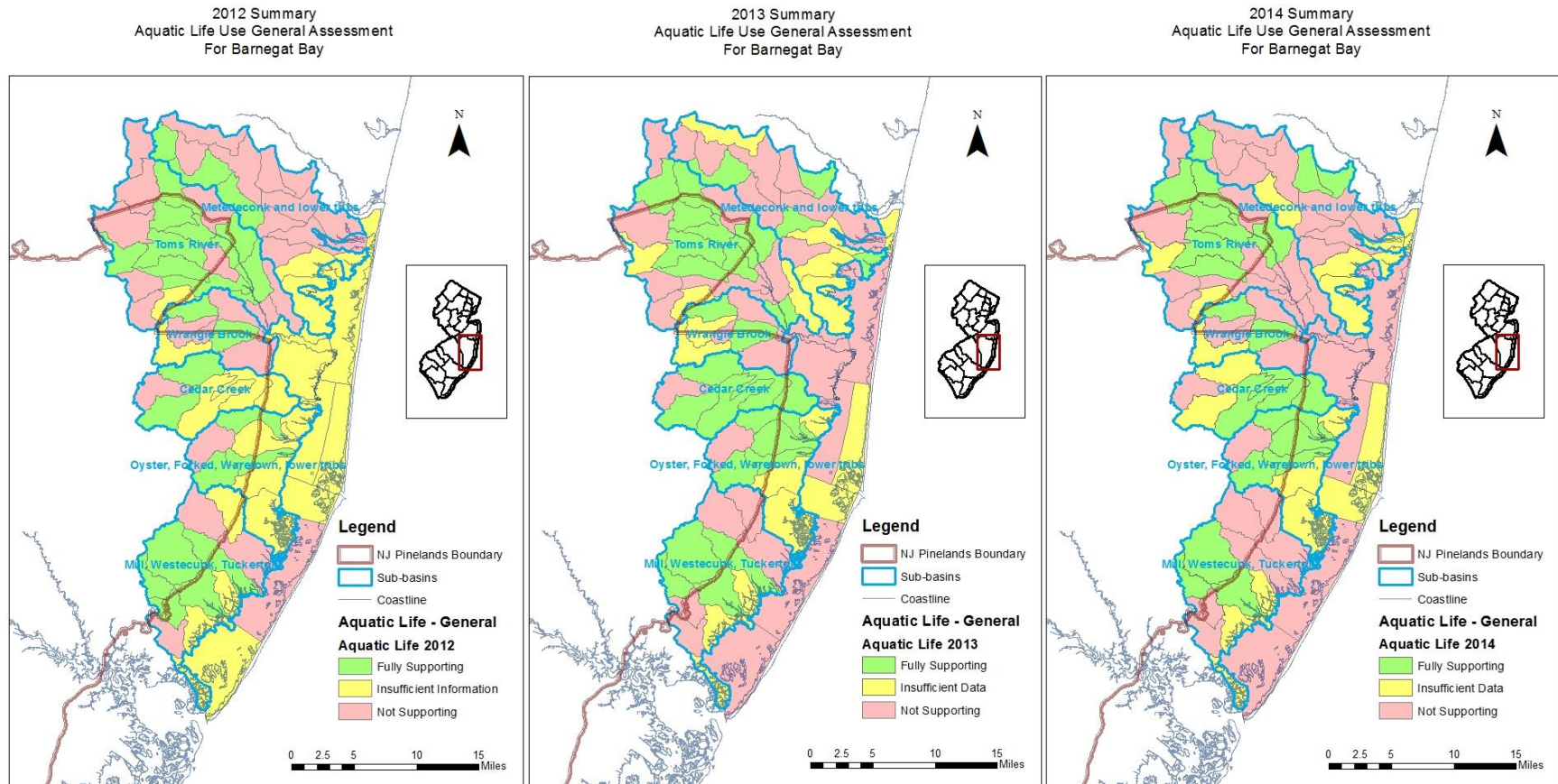
The 660-square-mile Barnegat Bay Watershed encompasses most of the 33 municipalities in Ocean County and four municipalities in Monmouth County. The land draining to the bay has a population of more than 550,000, which increases significantly during the summer season. The entire watershed has undergone dramatic growth since 1950, resulting in a shift in land uses from primarily forest, wetlands and agricultural to various forms of suburban development. There has been growing concern about the health of Barnegat Bay. As part of Governor Chris Christie's 10-point Action Plan to address the ecological health of the Barnegat Bay watershed, Item 7 calls for "Adopting More Rigorous Standards" and Item 9 calls for "Fill in the Gaps in Research". As a result, an intensive water quality monitoring effort was conducted by the Department and 13 partners between 2011 and 2013. This new volume of data, combined with data collected by the Department and other organizations' routine sampling networks (such as Brick Township MUA, Monmouth County Health Department, and the Pineland Commission), generated a rich dataset that enabled a comprehensive assessment of water quality within the Barnegat Bay Watershed.

The Barnegat Bay Watershed consists of 76 Assessment Units (AUs); 67 AUs are within the tributaries to the Bay and 9 AUs are within the Bay itself. The delineation of AUs for the Bay waters was an outcome of the intensive monitoring conducted for Action Plan Items 7 and 9, which showed a difference between tributary and bay waters in terms of water quality and hydrodynamic features that was not captured by the USGS HUC 14-based delineations used previously. Evaluation of the intensive monitoring data and preliminary simulation of hydrodynamic modeling allowed a delineation of AUs that reflected actual water quality response similarities, compared to the HUC delineations, which simply extend the land based drainage lines across the open waters.

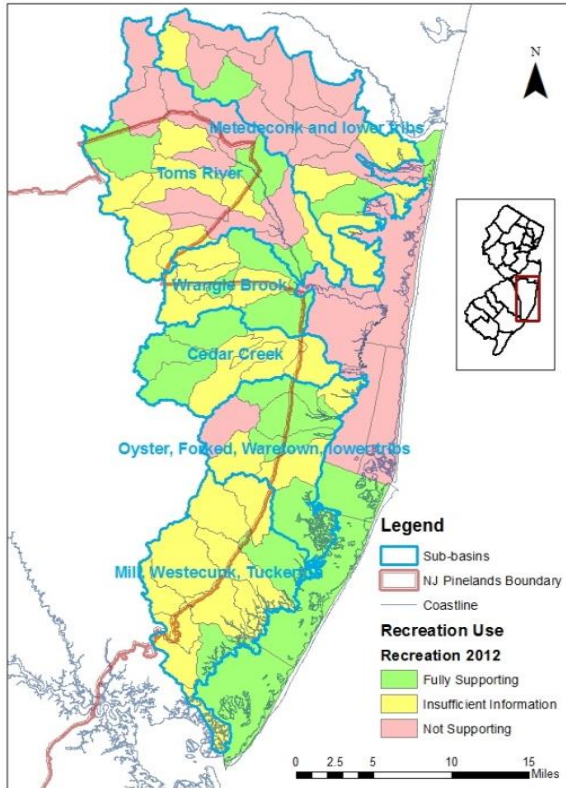
The intensive monitoring conducted under Action Plan Items 7 and 9 also demonstrated that the intensity and timing of data collection generate significantly different assessment results from those generated from a relatively small sample size and/or infrequent sampling traditionally used for previous water quality assessments. Figure 2.26 illustrates the different in assessment results for general aquatic life and recreation uses in Barnegat Bay's 96 AUs over three different time periods, with 2012 representing the results of the traditional amount of water quality data available, and 2013 and 2014 representing results based on data of increased quantity, quality and robustness.



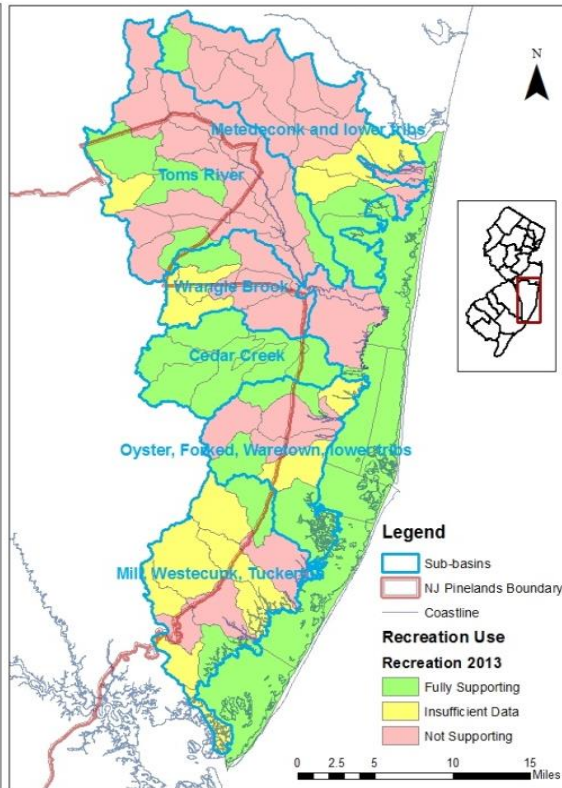
Figure 2.26: Comparison of General Aquatic Life and Recreation Uses 2012-2014



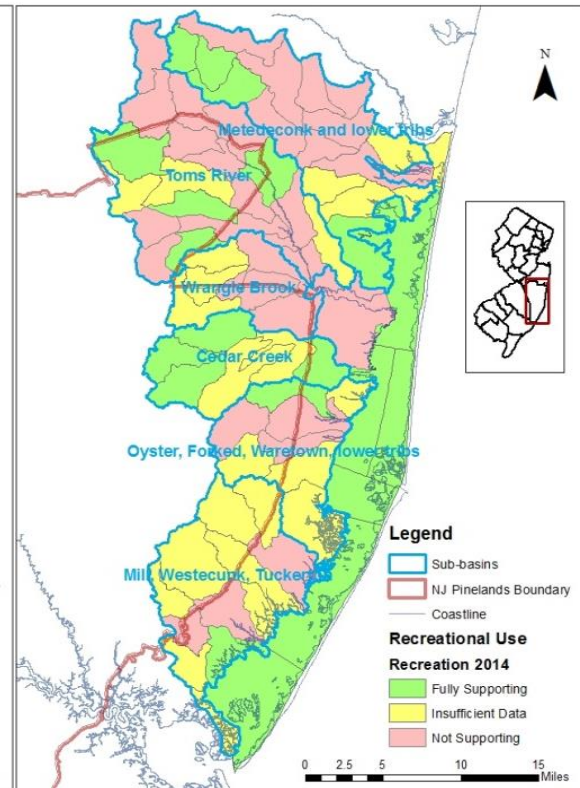
2012 Summary  
Recreation Use Assessment  
For Bamegat Bay



2013 Summary  
Recreation Use Assessment  
For Bamegat Bay



2014 Summary  
Recreation Use Assessment  
For Bamegat Bay



## Chapter 3: Water Quality Trends

Much of the water quality data supporting the integrated assessment are collected over a five-year period, which provides a “snapshot” of conditions during that timeframe. Evaluating data over longer periods allows us to identify water quality trends and acute conditions that would otherwise not be apparent.

### 3.1: Chemical Trend Analysis Results

The following trend analysis of chemical constituents is based upon three studies (Hickman and Gray, 2010<sup>30</sup>; Todd Trench, *et al.*, 2011<sup>31</sup>; and Heckathorn and Deetz, 2012<sup>32</sup>) published by the U.S. Geological Survey (USGS) using water quality data collected from multi-site monitoring networks over various long-term periods.

Hickman and Gray evaluated water quality trends at 69 individual long-term monitoring sites over a ten-year period (1998 – 2007) using a statistical method that corrected for flow variation over time. This study observed total phosphorus decreasing at 12 sites and increasing at five others. Total organic nitrogen decreased at six sites but increased at nine others. Nitrate decreased at four sites but increased at 19. The Hickman and Gray study found roughly the same results as Heckathorn and Deetz with some exceptions. Both reports found a universal increase in dissolved solids.

Todd Trench, *et al.* looked at 11 years and in some cases 29 years of data taken from the Northeast U.S., including 20 sites in New Jersey. Todd Trench *et al.* (2011) assessed total nitrogen, total phosphorus, and nitrate plus nitrite concentrations in the Northeastern U.S. covering the period between 1975 and 2003 producing a long-term perspective of nutrient enrichment from the 1970’s to more recent conditions. Ten sites in New Jersey had sufficient data to support such a long-term assessment. Total phosphorus declined at four sites and showed an upward trend at one site. The remaining sites exhibited no trends. Total nitrogen declined at four sites and increased at one. Nitrate plus nitrite increased at five sites and declined at one.

In contrast to the aforementioned studies, Heckathorn and Deetz used a randomly selected probabilistic network of over 370 sites looking at statewide medians thereby evaluating an overall state-wide trend rather than trends by individual stations. The Heckathorn and Deetz study represents the most recent analysis of water quality trends for New Jersey, conducted in 2012. The report evaluated key indicator parameters including: dissolved chloride, total

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<sup>30</sup> Hickman, R. and Gray, B. 2010. Trends in the Quality of Water in New Jersey Streams, Water Years 1998-2007. U.S. Geological Survey, Scientific Investigations Report 2010-5088. Available at <http://pubs.usgs.gov/sir/2010/5088/>

<sup>31</sup> Todd Trench, E. *et al.* 2011. Nutrient Concentrations and Loads in the Northeastern United States – Status and Trends, 1975-2003. U.S. Geological Survey, Scientific Investigations Report 2011-5114. Available at <http://pubs.usgs.gov/sir/2011/5114/index.html>

<sup>32</sup> Heckathorn, H. and Deetz, A. 2012. Variations in Statewide Water Quality of New Jersey, Water Years 1998-2009. U.S. Geological Survey, Scientific Investigations Report 2012-5047. Available at <http://pubs.usgs.gov/sir/2012/5047/>



dissolved solids (TDS), total and dissolved phosphorus, total nitrogen, and dissolved nitrate plus nitrite. The analysis was based on data collected at over 370 sampling stations located in various physiographic regions and land use types throughout the State. These chemical constituents were selected because of their role in eutrophication (i.e., excessive primary production) as well as overall water quality.

The 1998 to 2009 analysis shows median concentrations of TDS, chlorides, dissolved nitrate plus nitrite and total nitrogen increased statewide during the assessment period. Dissolved phosphorus showed no trend; total phosphorus did vary throughout the period but in an inconsistent pattern.

*What is behind these observed trends?*

When results are viewed from the longer time period beginning from the mid 1970's, the overall water quality trend indicate that nutrient levels as reflected in total phosphorus and total nitrogen have improved over time – most likely due to the upgrade and regionalization of wastewater treatment plants that occurred throughout the State in the late 1980's through the early 1990's.

Changes in total phosphorus in the more recent period observed on a site-specific basis are mixed and likely reflect more localized land use changes. Where improvements are observed, they are likely the result of implementing phosphorus limits in New Jersey Pollution Discharge Elimination System (NJPDES) permits, Section 319(h) nonpoint source pollution control projects, and stewardship activities at the local level aimed at reducing nonpoint source of pollution.

More recent trends for nitrogen show that increases in nitrate accompany decreases in ammonia. This increase in nitrate is most likely due to the successful efforts of the Department to reduce ammonia discharges from wastewater treatment facilities by oxidizing it to nitrate. Ammonia is more deleterious to the environment because it creates an oxygen demand, thereby lowering dissolved oxygen in the water. In addition, ammonia can also be toxic to aquatic life under certain conditions and is the nutrient of choice for blue green algae, a noxious and sometimes toxic alga when present in large quantities.

TDS and chloride increases have been associated with runoff from urban and agricultural areas, especially runoff of salt used to control ice on roadways. Winter storm-related data supports a correlation between road salting and increased TDS levels in the water column. The data reviewed to develop the Integrated Report identifies numerous occasions of excessive TDS concentrations as well as chlorides that coincide with winter storm events of most years; however, the number of chloride exceedances resulting in use impairment remains relatively low. Discharges from wastewater treatment facilities, including septic systems, can also contribute to increased TDS loadings. The increasing TDS trends were found in all types of land uses (urban, agricultural, mixed, and undeveloped) and physiographic regions.

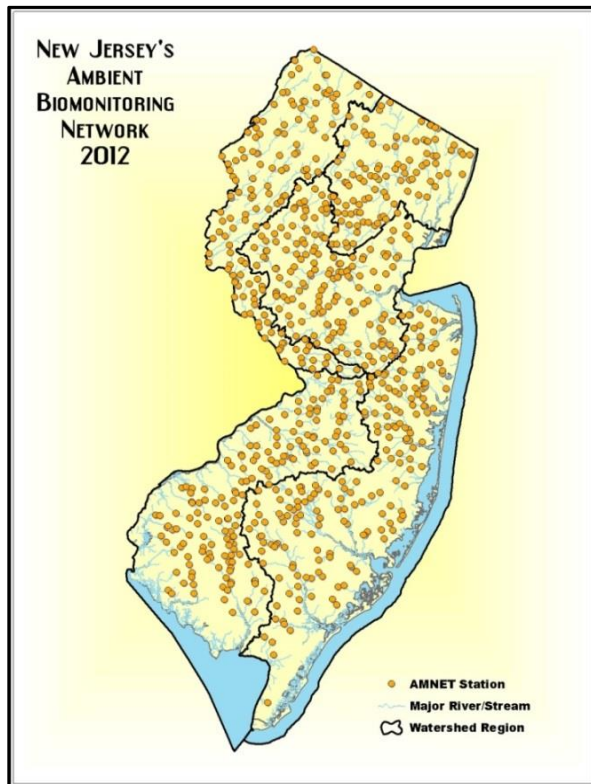
### 3.2: Trends in Biological Health of New Jersey Streams

#### *Ambient Biological Monitoring Network (AMNET)*

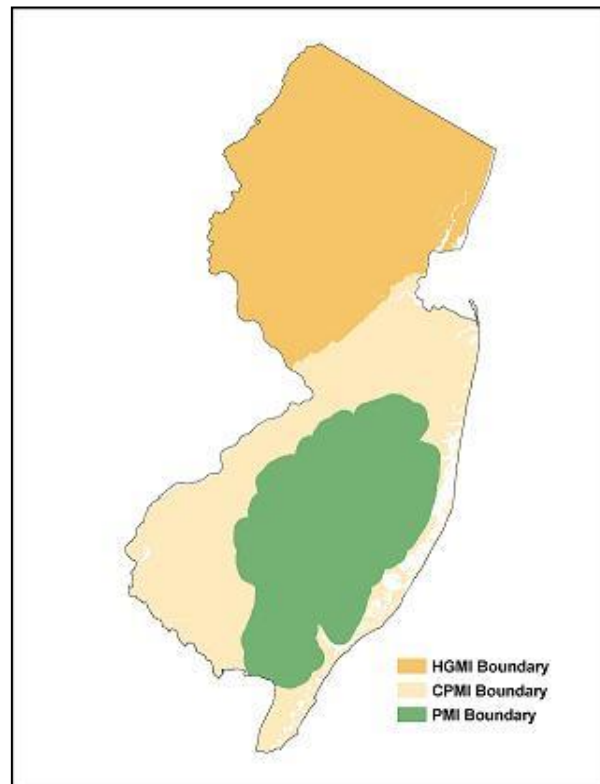
The Department’s statewide Ambient Biological Monitoring Network (AMNET) has been in place since 1992, providing an assessment of both current status and historical trends in benthic macroinvertebrate populations (insects, worms, mollusks, and other indicator species) in freshwater streams. As of 2014, the network consisted of over 750 stations distributed equally throughout the State’s five Water Regions: Upper Delaware, Lower Delaware, Atlantic Coastal, Raritan, and Northeast (see Figure 3.0). Stations in each region are sampled once every five years. When all the stations in each region are sampled this is called a “round”.

New Jersey benthic macroinvertebrate communities can be grouped into three distinct community types based on geographical regions. To account for these distinctions, three separate indices have been developed for each of the unique geographic regions of the State: the high gradient region, the coastal plains, and the Pinelands (see Figure 3.1). The High Gradient Macroinvertebrate Index (HGMI), the Pinelands Macroinvertebrate Index (PMI), and the Coastal Plains Macroinvertebrate Index (CPMI) each provide four tiers of assessment that are applicable to wadeable nontidal streams; Excellent, Good (both regarded as not impaired), Fair and Poor (regarded as impaired).

**Figure 3.0: AMNET Stations**



**Figure 3.1: Ecoregion/Index Boundaries**

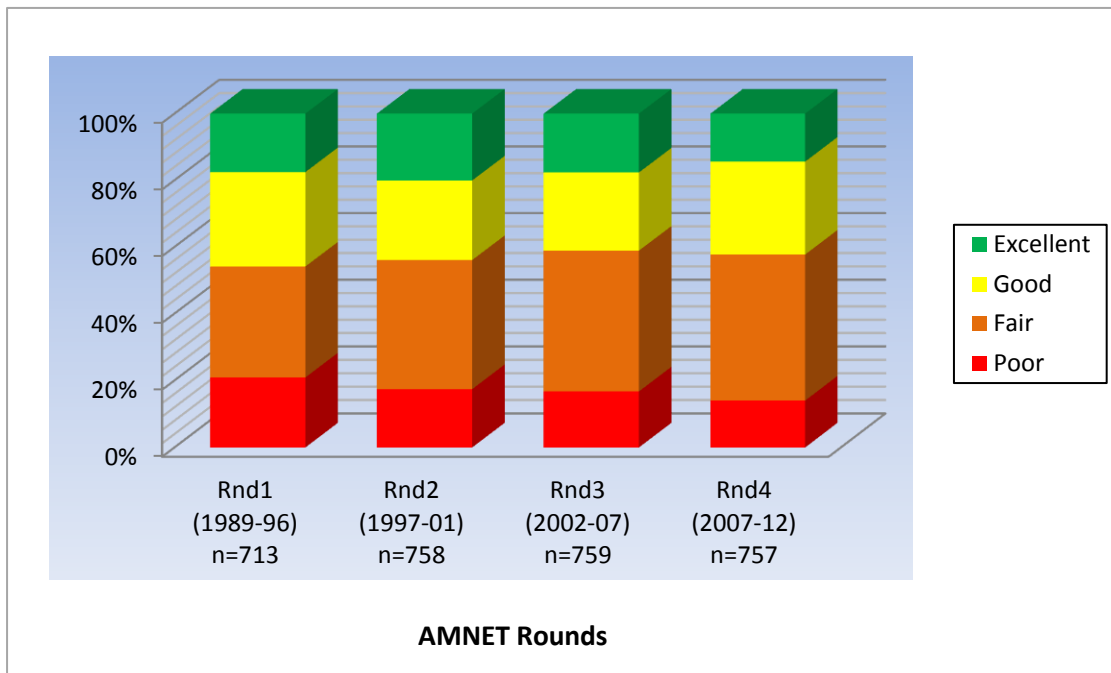




For the purposes of this trend assessment and to facilitate comparison purposes, earlier round results have been recalculated using the currently adopted genus level multi-metric indices. Round 1 raw data were recorded for each site at the family level, rather than genus level taxonomy. In addition, some sites in Rounds 1 and 2 were sampled outside the currently accepted index period of April through November; however, the effect on index scores is minimal.

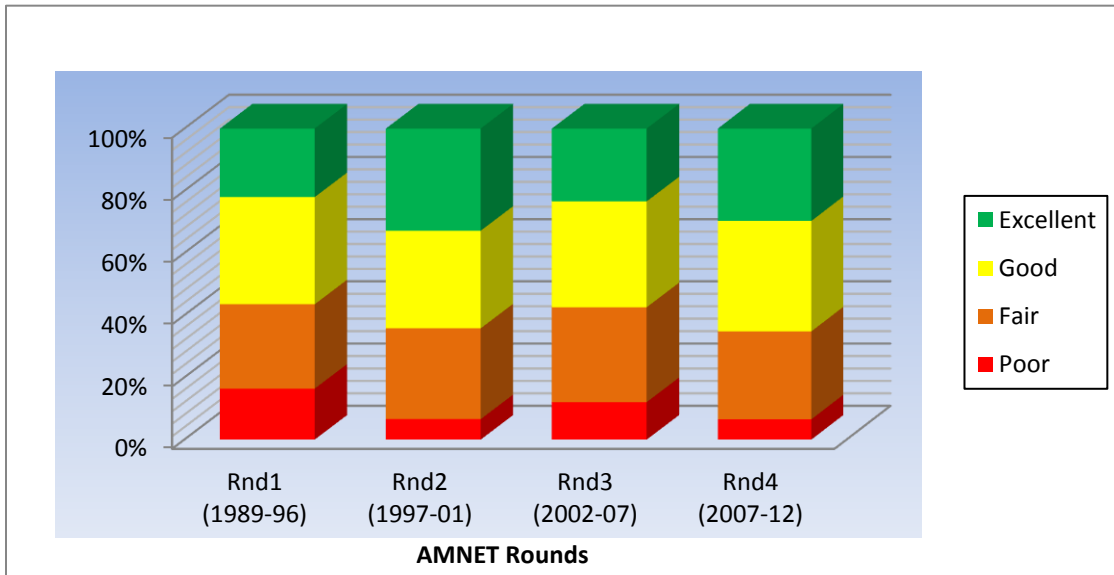
The Department has now completed four rounds of AMNET sampling statewide. Overall, the statewide trend shows very little change from 1989 to 2014, although there was a slight negative trend toward impaired conditions (see Figure 3.2). Stations with the best results (“Excellent”) and the worst conditions (“Poor”) both showed decreasing numbers over the time period. The strongest trend was the steady increase in the number of “Fair” stations that contributed to the improvement at “Poor” stations and the decline of non-impaired (“Excellent” and “Good”) sites.

**Figure 3.2: AMNET Results Statewide**



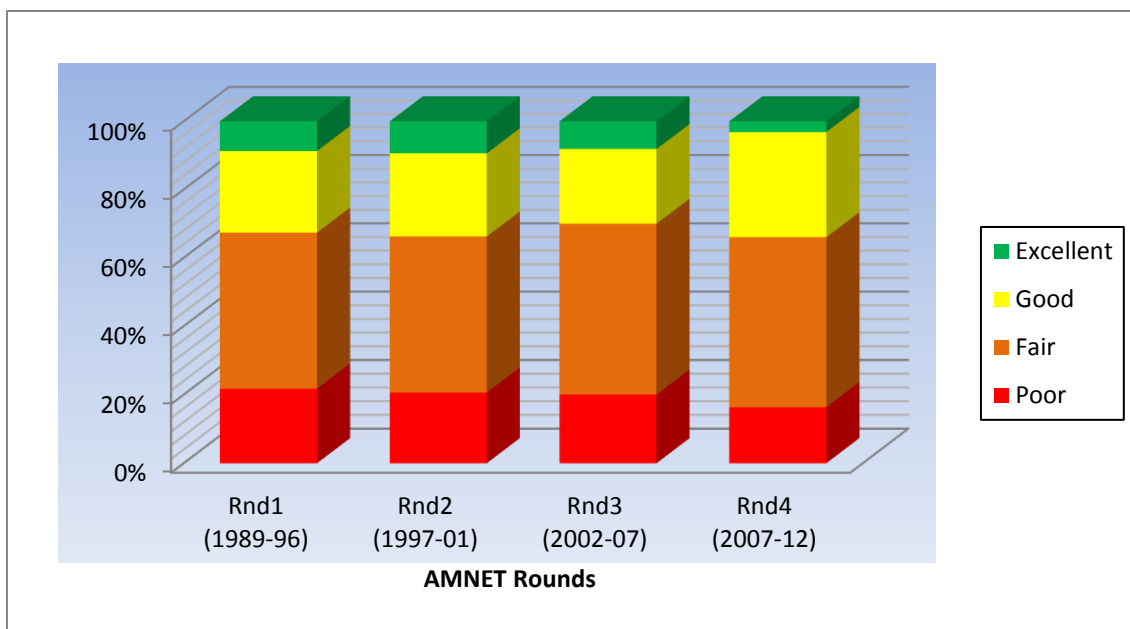
However, this statewide tendency toward “Fair” conditions of macroinvertebrate communities was not evident in all of the water regions of the state. In the Northwest Region for example, overall trends showed improving conditions with some vacillation between Round 2 and Round 4. The number of “Excellent” stations increased, while “Poor” stations decreased, and “Good” and “Fair” stations remained relatively steady (see Figure 3.3).

**Figure 3.3: AMNET Results in the Upper Delaware Water Region**



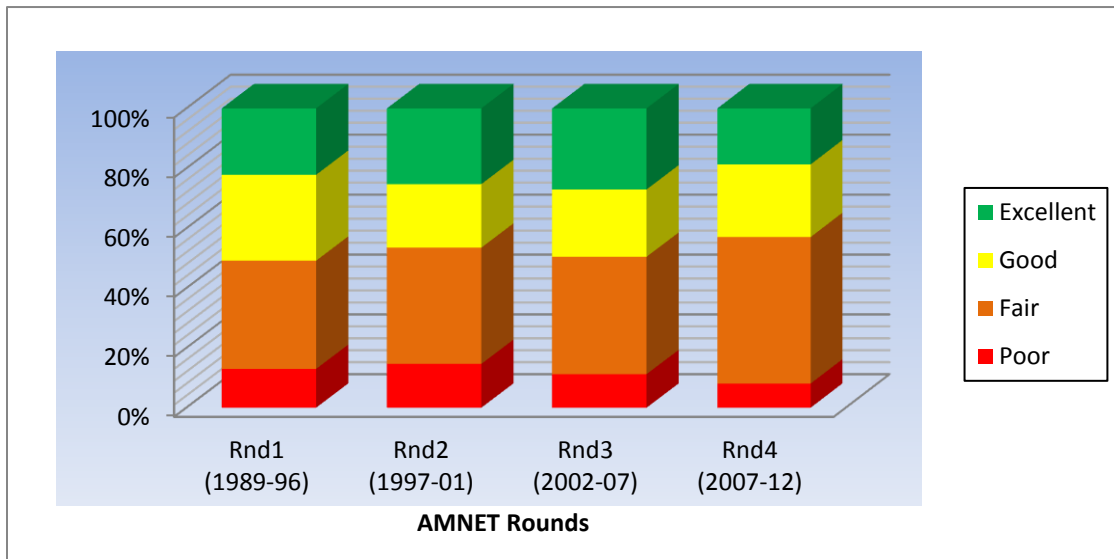
In the Lower Delaware Water Region, benthic macroinvertebrate communities showed very little change. The number of non-impaired (Excellent, Good) and impaired (Fair, Poor) stations remained stable; however, there was a slight trend from the extreme conditions toward the middle assessment categories with the number of “Excellent” stations decreasing and the number of “Poor” stations improving, with increasing numbers of both “Good” and “Fair” stations (see Figure 3.4).

**Figure 3.4: AMNET Results in the Lower Delaware Water Region**



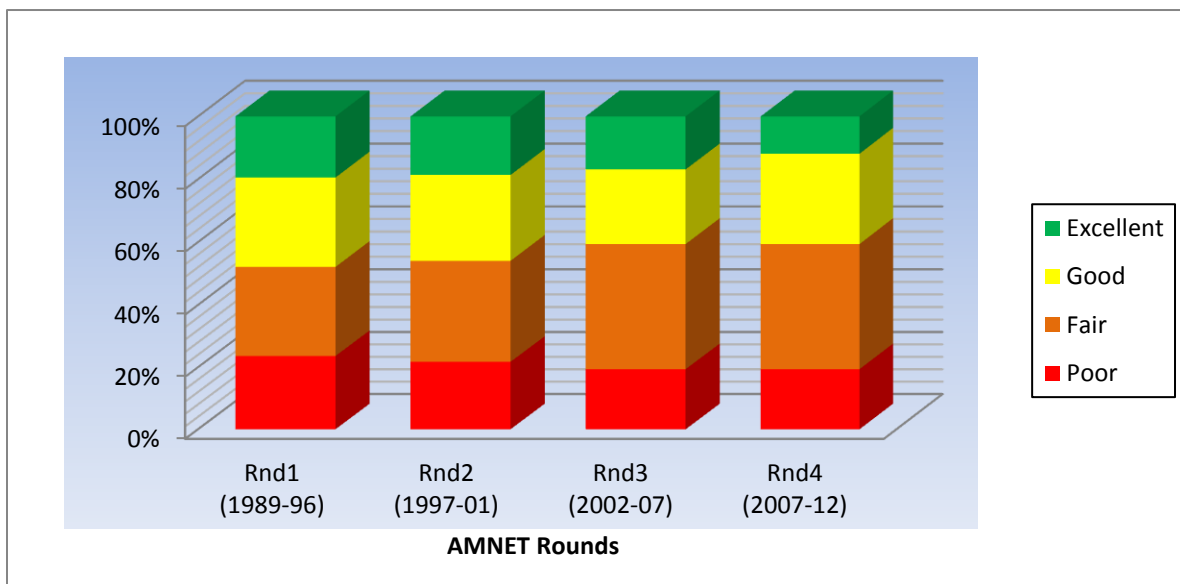
In the Atlantic Coastal Water Region (Figure 3.5), the benthic macroinvertebrate trends were similar to statewide results. The strongest trend was the steady increase in the number of “Fair” stations that contributed to the improvement at “Poor” stations and the degradation of non-impaired (“Excellent” and “Good”) sites. The exception was the number of “Excellent” stations that showed an increasing trend until the last round, which exhibited a significant drop off.

**Figure 3.5: AMNET Results in the Atlantic Water Region**



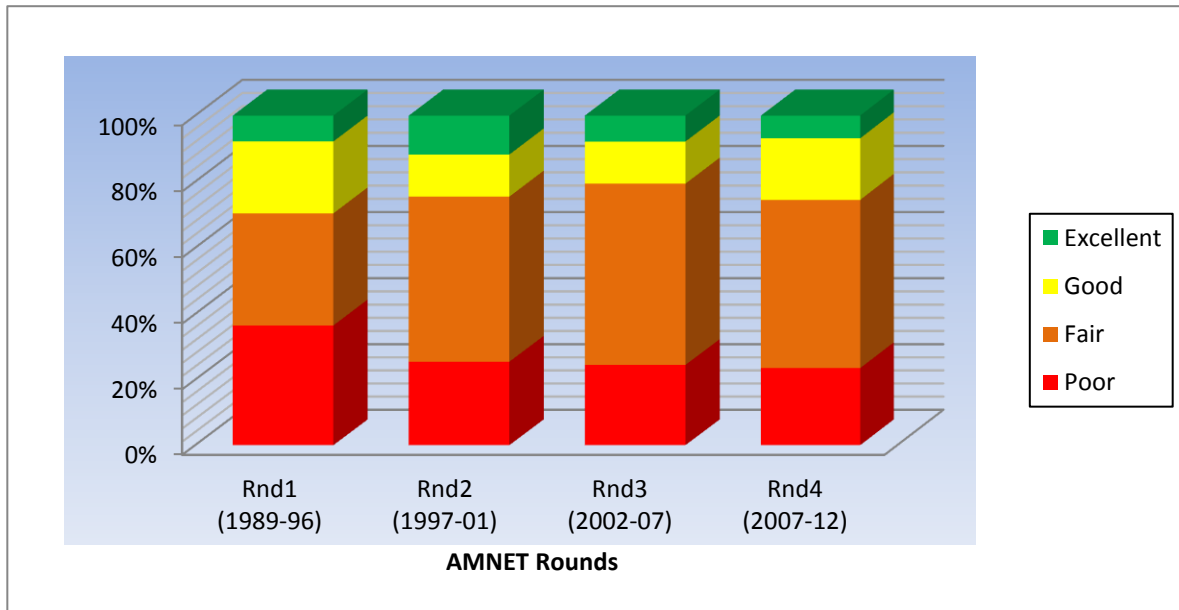
The Raritan Water Region (see Figure 3.6) also showed results similar to the statewide trend, with a steady increase in “Fair” results accompanied by an overall decrease in the number of “Poor” sites and a decrease in the number of “Excellent” stations. The number of “Good” stations remained stable throughout the time period.

**Figure 3.6: AMNET Results in the Raritan Water Region**



In the Northeast Water Region, conditions still display a highly impacted benthic macroinvertebrate community. While the number of sites reflecting “Poor” conditions have shown a steady improvement toward “Fair” conditions, “Excellent” and “Good” sites have exhibited declining conditions over the same time period (see Figure 3.7).

**Figure 3.7: AMNET Results in the Northeast Water Region**



Further investigation is necessary to determine why an individual site's biological assessment declined or improved, and if these changes are related to water quality or to events such as droughts and floods. Ongoing site-specific evaluations, such as stressor identification studies, explore changes in water quality to determine causes of impairment at selected sites; however, the AMNET data show a correlation between benthic macroinvertebrate community impairment and different physiographic land types, land uses, and other anthropogenic factors.<sup>33</sup> A 2000 USGS study<sup>34</sup> concluded the following:

- Invertebrate communities and fish were commonly impaired in urban streams;
- Invertebrate community impairment was related to total urban land and total wastewater flow upstream of a site;
- Changes in aquatic community structure were statistically related to environmental variables. For example, an increase in impervious surfaces was related to a negative response in the aquatic invertebrate community.

<sup>33</sup> U.S. Geological Survey. 1998. Relation of Benthic Macroinvertebrate Community Impairment to Basin Characteristics in New Jersey Streams. Fact Sheet FS-057-98. USGS. West Trenton, New Jersey.

<sup>34</sup> Ayers, M., Kennen, J., Stackleberg, P., Kauffman, L. 2000. Building A Stronger Scientific Basis for Land Use Planning and Watershed Management Effects on Water Quality and Aquatic Communities in NJ Streams. USGS. West Trenton, New Jersey.

The AMNET network will continue to monitor the combined effect of population growth, improved land use practices, and mitigation efforts on water quality.

### *Fish Index of Biotic Integrity Network*

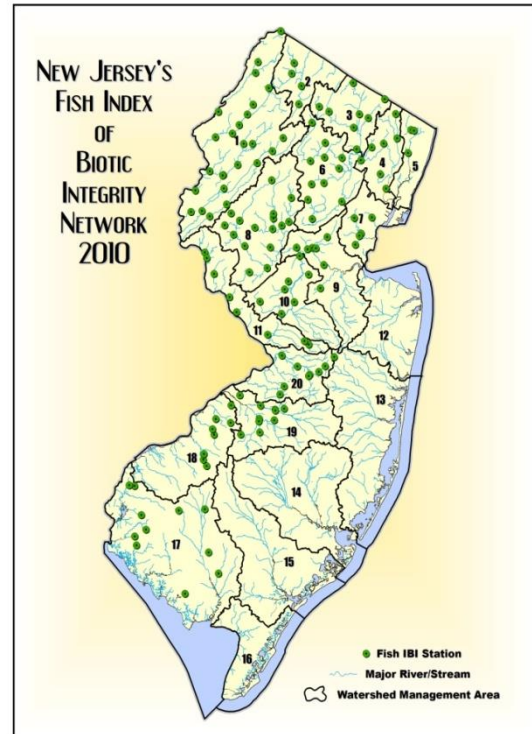
As discussed above, monitoring of benthic macroinvertebrate populations is widely practiced in New Jersey; however, these species generally are reflective of relatively short-term and local impairment. In summer 2000, the Department began using a fish index of biotic integrity (FIBI) to monitor New Jersey's streams. FIBI measures the health of a stream based on multiple attributes of the resident fish, such as species type and number, and the presence of disease. Each site sampled is then scored based on its deviation from reference conditions and classified as "poor", "fair", "good", or "excellent". In addition, habitat is evaluated at each site and classified as "poor", "marginal", "suboptimal", or "optimal".

The primary objectives of fish collection for this network are to obtain samples with representative species and abundances, at a reasonable level of effort. Using similar stream lengths, collection methods, and habitat types allows standardization of sampling efforts. Stream segments selected for sampling must have a minimum of one riffle, run, and pool sequence to be considered representative. The data provided by the FIBI network has become another component of the Department's suite of environmental indicators and helps assess attainment of aquatic life uses and the Clean Water Act goal of "fishable" waters. FIBI data is also being used to develop biological criteria, prioritize sites for further studies, provide biological impact assessments, and assess status and trends of New Jersey's freshwater fish assemblages. Data collected from the Northern FIBI Network are used, in part, to determine if waters qualify for Category One antidegradation designation based on exceptional ecological significance (see Chapters 2 and 5, Surface Water Quality Standards).

### Northern FIBI Network:

With the completion of the 2011 sampling season, the Department established a 98-station FIBI monitoring network in northern New Jersey (see Figure 3.8). The monitoring network consists of fixed, probabilistic and sentinel sites. Fixed stations are visited once every five years as part of the Department's ambient monitoring efforts. The 2009 season marked the end of the second round of sampling, in which the Department returned to the network sites originally sampled in 2004. From 2000-2004, the Department sampled 90 FIBI sites in the northern portion of the state covering the Counties of Sussex, Warren, Hunterdon, Passaic, Bergen, Union, Essex, Mercer, Middlesex, and Somerset. In an effort to ensure sensitivity to anthropogenic stressors, the Northern FIBI was re-evaluated in 2005 using Round 1 data (2000-2004). This recalibration

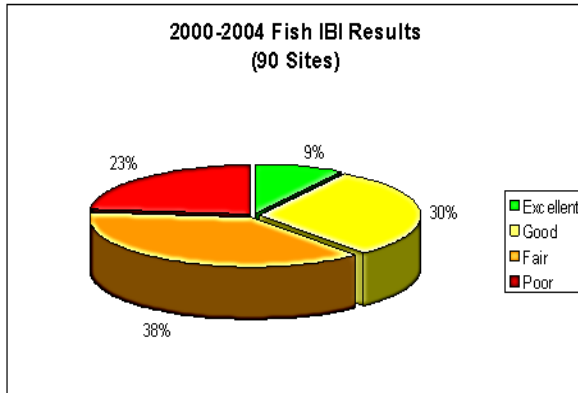
**Figure 3.8: FIBI Monitoring**



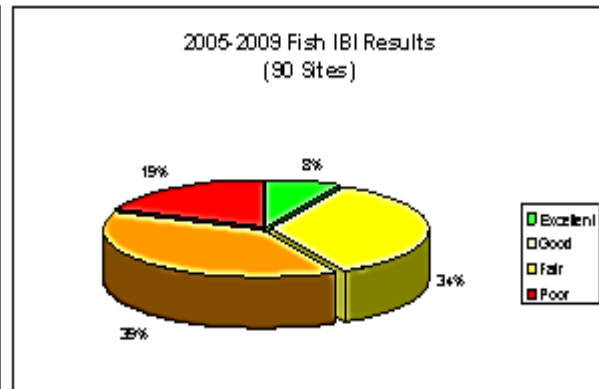


resulted in modifications in scoring criteria and species lists for several metrics. The 2009 season is the fifth year in which the revised metrics were utilized. Previous year's data (2000-2004) have been rescored for the purposes of trends analysis in this report, with the revised ratings shown in Figure 3.9. From 2005-2007, the Department sampled 90 FIBI sites in the northern portion of the state covering the Counties of Sussex, Warren, Hunterdon, Passaic, Bergen, Union, Essex, Mercer, Middlesex, Morris, and Somerset. This dataset includes five years of data from this second round (see Figure 3.10).

**Figure 3.9: FIBI Results, 2000-2004**

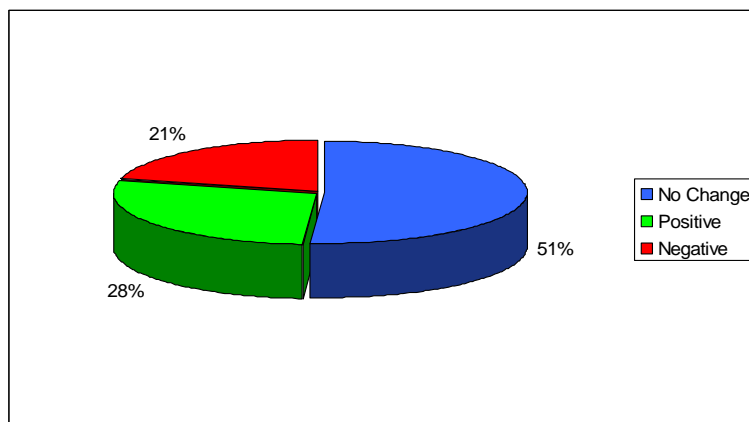


**Figure 3.10: FIBI Results, 2005-2008**



The observed trend in FIBI ratings for the northern New Jersey stations is summarized in the Figure 3.11. Between the first (2000-2004) and second (2005-2009) round of Fish IBI monitoring, for the 90 common sites sampled, 28% exhibited a positive change in impairment rating, 21% exhibited a negative change in impairment rating, and 51% exhibited no change in impairment rating. On the whole, these trends would seem to indicate a “status-quo”, with a slight positive trend. Almost as many stations are showing an improvement as are exhibiting degradation over a five-year time period. However, both the negative and positive trends are marginal ones reflecting shifts in impairment to an adjoining category; for example, from a “Poor” rating to a “Fair” rating or the reverse.

**Figure 3.11: FIBI Trends at 90 Common Northern NJ Stations**



### Outlook and Implications

Rounds 1 and 2 data indicate fish biotic integrity is highly sensitive to anthropogenic stressors including impervious cover, siltation, and increased run-off from storm water outfalls. This data concludes the following:

- 1) Fish IBI data indicates a significant ( $r^2 = 0.32$ ) decline in fish biotic integrity with increasing impervious cover
- 2) Benthic fish species exhibit a sharp decline ( $r^2 = 0.32$ ) with increasing urbanization
- 3) Round 2 Fish IBI data indicates a higher occurrence of external deformities (DELT anomalies) in urbanized streams

#### Southern Fish IBI Network:

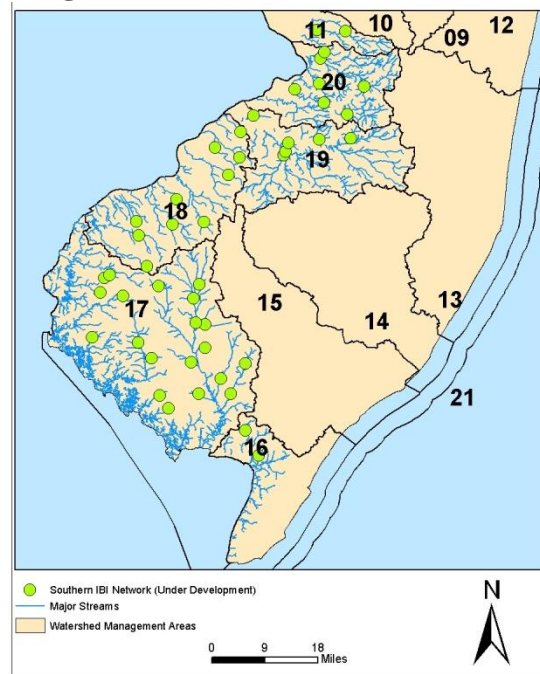
During the summers from 2007 to 2011, data was collected from an expanded Fish IBI network that included portions of southern New Jersey, marking measurable progress in achieving the Department's goal for a statewide network consisting of at least 150 stations by the end of calendar year 2012. Figure 3.12 shows the location of the sampling stations monitored in southern New Jersey to date. Validation of the Southern FIBI network was completed in 2012.

#### Lakes Fish IBI Assessment:

In general, current lake water monitoring programs lack direct assessment and reporting on biological conditions. This is partly attributed to a lack of development of biological assessment protocols. Through the use of boat electrofishing, fish samples were collected from the littoral zone of 22 lakes in New Jersey during the summers 2002-2006. Fish data were evaluated for the potential development of an index of biological integrity (IBI). Twenty-five species of fish in the families: *Anguillid*, *Catostomidae*, *Centrarchidae*, *Clupeidae*, *Cyprinidae*, *Cyprinodontidae*, *Esocidae*, *Ictaluridae*, and *Percidae* were collected. A set of fish species richness and composition metrics were examined for their general response to a gradient of land use conditions. Results indicate that some attributes of the littoral fish assemblage may be used to assess the ecological health of New Jersey lakes. However, additional information on the responses of the littoral fish assemblage to specific physical habitat and water quality parameters is needed before an IBI can be developed.

Data and reports for the all eleven years (2000-2010) of New Jersey's FIBI network may be obtained by visiting the Department's website at [www.state.nj.us/dep/wms/bfbm](http://www.state.nj.us/dep/wms/bfbm).

Figure 3.12: Southern FIBI Network



### 3.3: Assessment of Coastal Phytoplankton

Phytoplankton are microscopic plants that float in coastal waters. Under normal conditions, they are beneficial and form the base of the food chain on which most other marine life depend. The Department monitors phytoplankton assemblages and looks for the presence of blooms each summer in New Jersey's coastal waters and major estuaries (see Figure 3.13) as part of the State's compliance with the National Shellfish Sanitation Program (NSSP). The National Shellfish Sanitation Program requires that each coastal state develop a contingency plan that includes control measures for marine biotoxins. Filter-feeding molluscan shellfish, known as bivalves (clams, oysters, and mussels) are capable of accumulating toxins that may be produced by certain algal species. The phytoplankton monitoring program provides surveillance of shellfish growing areas for possible toxin-producing algal species, which are identified and enumerated along with other phytoplankton present.

**Figure 3.13: Coastal Phytoplankton Monitoring Stations**



The primary purpose of this program is to ensure that shellfish harvested in New Jersey are not toxic for human consumption due to the presence of certain phytoplankton known to produce toxins. However, algal blooms may have other harmful effects, including marine fauna kills, mild toxicity to bathers, and reduced aesthetic quality. In the past, this information was obtained cooperatively with USEPA Region 2 during their summer New York Bight Water Quality helicopter survey; however, that program was terminated in 2014. The Department will continue to utilize its aircraft remote sensing program to estimate chlorophyll levels in New Jersey's coastal waters. This program provides a valuable perspective on algal conditions and trends see <http://www.nj.gov/dep/bmw/phytoplankton.htm>.

Historical information on algal conditions in New Jersey's estuarine and coastal waters is available in the weekly reports (June through August) of algal conditions in New Jersey coastal waters, entitled "Annual Summary of Phytoplankton Blooms and Related Conditions in New Jersey Coastal Waters Summer" that are available on the Department's website at <http://www.state.nj.us/dep/wms/bmw/phytoplankton.htm>. Periodically toxic species are identified, but rarely in bloom conditions.

## Chapter 4: New Jersey's Water Quality Management Programs - Protecting and Restoring Water Quality

This chapter outlines the Department's approach and associated programs designed to protect, maintain, enhance, and restore water quality and to ensure the protection of ecological and public health in all waters of the State. This overarching goal, articulated in the federal Clean Water Act as well as New Jersey's Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq.; and Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.; serves as the foundation for the Department's water quality management programs. The New Jersey Water Quality Planning Act (NJWQPA) was adopted in 1977 and provided the authority needed for New Jersey to implement sections 201, 208, and 303 of the federal Clean Water Act. The purpose of the NJWQPA is to restore, maintain, and preserve the quality of the waters of the State, including both surface and ground water, for the protection and preservation of the public health and welfare, food supplies, public water supplies, propagation of fish and wildlife, agricultural and industrial uses, aesthetic satisfaction, recreation, and other beneficial uses. The NJWQPA endeavors to achieve this purpose by instituting a Continuing Planning Process (CPP) broader in scope than that required under the federal Clean Water Act.

New Jersey's CPP is intended to integrate and unify statewide and areawide water quality management planning processes with other water quality programs and measures implemented by the Department, including statewide water quality monitoring and assessment, water quality standards development, TMDLs and discharge permitting, and develop a statewide implementation strategy to achieve the water quality standards and maintain, improve, and protect water quality throughout the State (see <http://www.nj.gov/dep/wrm/docs/cpp.pdf>). These programs extend beyond the traditional water pollution control programs identified in the federal guidance for the Integrated Report. New Jersey statutes require comprehensive water resource management and planning that addresses issues such as land use and cumulative impacts to water resources, implementation of regulatory and non-regulatory approaches to environmental restoration, and consideration of environmental factors such as alteration of habitat, flow, substrate, climate, and tree canopy on aquatic life and other water resources. In addition to the NJWQPA and NJWPCA cited above, these New Jersey statutes include:

- New Jersey Water Supply Management Act, N.J.S.A. 58:1A-1 et seq.;
- Safe Drinking Water Act, N.J.S.A. 58:12A-1 et. seq.;
- Freshwater Wetlands Protection Act, N.J.S.A. 13:9B-1 et seq.;
- Stormwater Management Act, N.J.S.A. 40:55D-93 through 99;
- Watershed Protection and Management Act, N.J.S.A. 58:29-1 et seq.;
- Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq.;
- Wetlands Act of 1970, N.J.S.A. 13:9A-1 et seq.; and
- Coastal Area Facility Review Act, N.J.S.A. 13:19-1 et seq.

The Department administers the CPP pursuant to the New Jersey Water Quality Management Planning rules at N.J.A.C. 7:15. The draft 303(d) List is proposed as an amendment to the Statewide Water Quality Management Plan pursuant to these rules and is adopted once it is

approved by USEPA. Additional information is available on the Department's website at <http://www.nj.gov/dep/wqmp/>.

#### 4.1: Surface Water Quality Standards, Monitoring and Assessment

An overview of New Jersey's surface water quality standards, monitoring and assessment programs was provided in the Introduction (Chapter 1). This section provides a more detailed explanation about the role these programs play in protecting and restoring water quality in New Jersey. Water quality standards, monitoring, and assessment provide the scientific foundation for protecting and restoring New Jersey's water resources, and direct and support the Department's efforts to formulate responses to protect and restore water quality. These efforts include regulatory (e.g., permits), non-regulatory (e.g., environmental education, local stewardship), and funding activities.

##### *Surface Water Quality Standards*

The Surface Water Quality Standards (SWQS), N.J.A.C. 7:9B, establish the designated uses and antidegradation categories of the State's surface waters, classify surface waters based on those uses (i.e., stream classifications), and specify the water quality criteria and other policies and provisions necessary to attain those designated uses. Designated uses include water supply for drinking, agriculture and industrial uses, fish consumption, shellfish resources, propagation of fish and wildlife, and recreation. In addition, the SWQS specify general, technical, and interstate policies, and policies pertaining to the establishment of water quality-based effluent limitations.



Under the SWQS, all existing and designated uses shall be maintained and protected for all surface waters of the State. Surface water quality that is better than the applicable criteria must also be maintained and protected. These antidegradation protections apply to all surface waters of the State. Surface waters of the State include rivers, lakes, streams, wetlands, estuaries, and near shore coastal waters. The SWQS provide the basis for assessment of water quality and designated use support. The SWQS, including numeric and narrative criteria, classifications, antidegradation and other policies, are explained in more detail at <http://www.state.nj.us/dep/wms/bears/swqs.htm>.

The SWQS are used to develop regulatory requirements for other Department programs that will serve to protect the existing and designated uses of the State's surface waters. These programs include the New Jersey Pollutant Discharge Elimination System (NJPDES) program, Site Remediation Program, and various programs implemented by the Division of Land Use Regulation. The SWQS also form the basis for the Integrated Report. Waters that exceed SWQS require the development of total maximum daily loads (TMDLs), which represent the



assimilative capacity of surface water for a given parameter of concern, or other alternative approaches to address the impairment.

SWQS are intended to be re-evaluated every three years pursuant to the triennial review requirements of the federal Clean Water Act, and updated as necessary to reflect advances in knowledge or legal requirements. The development of new and revised numeric nutrient criteria and/or translators of narrative criteria is currently a national priority for SWQS enhancement. Controlling excessive nutrients is also a State and national priority for water quality restoration. The Department has developed a Nutrient Criteria Enhancement Plan (NCEP), which can be found at [http://www.state.nj.us/dep/wms/bears/nutrient\\_criteria.htm](http://www.state.nj.us/dep/wms/bears/nutrient_criteria.htm). This document explains the Department's approach to developing and enhancing the existing SWQS nutrient criteria and policies to protect designated uses of all New Jersey's surface waters, including saline waters (estuarine and marine).

Nutrient criteria development requires an understanding of the causal relationships between nutrient over-enrichment, various response variables, and documented impacts on attainment of designated and existing uses of New Jersey waters. The NCEP outlines the steps to support nutrient criteria development, including monitoring and data collection; research of causal relationships; selection of appropriate indicators of use impairment; development of new assessment methodologies; development of new/enhanced criteria; and promulgation of the new criteria through amendments to the SWQS. The NCEP explains the details of each of these steps by waterbody type, including priorities, milestones, and where possible, timelines for nutrient criteria development and further study. The Barnegat Bay, which is the subject of the Governor's 10-Point Action Plan, is identified as a priority for estuarine criteria development in the NCEP, in order to meet Item 7 of the Action Plan: "Adopt more rigorous water quality standards" for nutrients in the Barnegat Bay. The Department's website contains more detailed information about the NCEP (see [http://www.state.nj.us/dep/wms/bears/nutrient\\_criteria.htm](http://www.state.nj.us/dep/wms/bears/nutrient_criteria.htm)) and the Barnegat Bay Action Plan (see <http://www.state.nj.us/dep/barnegatbay/plan-wqstandards.htm>).

### *Surface Water Quality Monitoring*

The Department operates the primary water quality monitoring networks for the State of New Jersey, which provide the data needed to assess attainment of water quality standards and support of designated uses, and to determine the effectiveness of restoration efforts. These networks employ multiple techniques including collection of physical/chemical data in surface water; collection of chemical data in ground water; biological monitoring, such as benthic macroinvertebrates and fish assemblage surveys and habitat assessment; and pollutant source tracking in the coastal and freshwater environment (e.g., illicit discharges, stormwater, marinas). Details regarding these networks can be found on Bureau websites (see <http://www.state.nj.us/dep/wms/bfbm/> and <http://www.state.nj.us/dep/wms/bmw/>) and in the "New Jersey Water Monitoring & Assessment Strategy (2005-2014)" at <http://www.state.nj.us/dep/wms/longtermstrategyreport.pdf>.

This long-term strategy (LTS), which is required to be updated every ten years, outlines the various characteristics of a state monitoring and assessment strategy, including goals and objectives, network design, development and use of water quality indicators, field and lab

procedures, data management, analytic techniques, reporting requirements, identification of gaps, and feedback processes. The LTS also provides an overview of different monitoring design components used by the state to address its monitoring needs. These monitoring designs include:

- Fixed site network – trends at individual stations over time, frequently at pour point of a HUC or tributary
- Targeted site selection – examine condition at areas of concern or special interest, frequently upstream/downstream of discharge or BMP
- Statistical survey design – unbiased estimates of resource condition
- Extent of waters across the population that support aquatic life, recreation
- Distribution of key stressors
- Rotating basin – planning area and implementation schedule for all or some design components

New Jersey's Long-term Monitoring Strategy will be updated for 2015-2025 and will complement New Jersey's approach for implementing the newly articulated vision for assessment, restoration, and protection under the Clean Water Act (see Appendix G).

#### *Water Quality Assessment*

Both federal and state statutes require a routine assessment of statewide water quality to determine if existing and designated uses are fully supported, if any waters are impaired, and what actions are needed to restore water quality. The Department compiles all readily available water quality data and assesses it every two years to determine compliance with the SWQS. The results of this biennial assessment process are reported in the Integrated Water Quality Assessment Report (Integrated Report). The Integrated Report combines the reporting requirements of Sections 303(d) and 305(b) of the federal Clean Water Act and is submitted to USEPA for approval on a biennial basis.

The Integrated Report presents the results of statewide water quality assessment, including long-term water quality trends, support of designated uses, and causes and sources of water quality impairment. Waterbodies that are impaired due to an exceedance of the SWQS require the development of total maximum daily loads (TMDLs) or alternative approaches that define the assimilative capacity of surface waters for a given parameter of concern, and the pollutant load reductions needed to attain water quality standards.

The goal of the Integrated Report is to provide information needed to inform water resource managers, government officials, and the public about the overall health of the State's waters; and where actions are needed to restore, maintain, and enhance water quality so that, ultimately, all designated uses are fully supported in all waters of the State. This information can inform and direct development of regulatory requirements for other Department programs that aim to restore and protect the State's surface waters. These programs include the New Jersey Pollutant Discharge Elimination System (NJPDES) program, Site Remediation Program, and various programs implemented by the Division of Land Use Regulation.

## 4.2: Water Pollution Control - Regulatory Programs

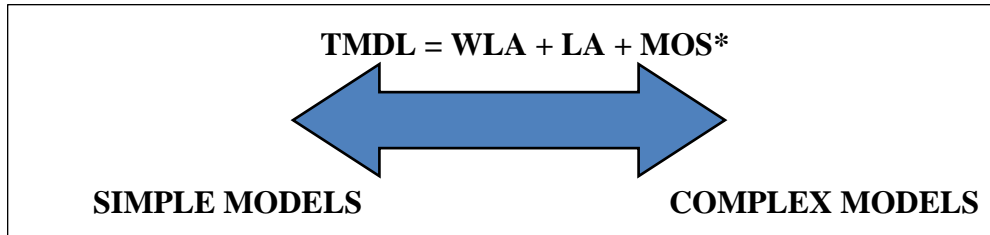
The discharge of pollutants to waters of the State is regulated by the Department under the authority of the New Jersey Water Pollution Control Act (WPCA), N.J.S.A. 58:10A. The WPCA specifies, "No person shall discharge any pollutant except in conformity with a valid NJPDES permit." The Department implements the New Jersey Pollutant Discharge Elimination System (NJPDES) Program pursuant to the NJPDES regulations at N.J.A.C. 7:14A. The NJPDES Program protects New Jersey's ground and surface water quality by assuring the proper treatment and discharge of wastewater (and its residuals) and stormwater from various types of facilities and activities.

### *Total Maximum Daily Load Program*

Total Maximum Daily Loads (TMDLs) represent the assimilative or carrying capacity of the receiving waterbody taking into consideration point and nonpoint sources of pollution, natural background water quality, and surface water withdrawals. A TMDL identifies the sources (point and nonpoint) contributing a pollutant of concern and sets load reductions needed to meet surface water quality standards. Section 303(d) of the federal Clean Water Act requires TMDLs to be developed for the pollutant(s) of concern in waterbodies that cannot meet surface water quality standards after the implementation of technology-based effluent limitations. Waters of the State are regularly assessed to determine if surface water quality standards are attained. Waters that do not meet the applicable standards are placed on the 303(d) List of Water Quality Limited Waters (303(d) List). The 303(d) List is then ranked and prioritized for TMDL development. The Department also identifies TMDLs scheduled for development prior to the next listing cycle (see Appendix B). Additional information about New Jersey's TMDL Program is available on the Department's website at <http://www.state.nj.us/dep/wms/bears/tmdls.html>.

### TMDL Development

Federal regulations concerning TMDLs are contained in USEPA's Water Quality Planning and Management Regulations (40 CFR 130.7(c)), and the New Jersey Water Quality Management Planning rules at N.J.A.C. 7:15-6. Section 303(d) of the federal Clean Water Act requires development of a TMDL for the pollutant(s) responsible for each impairment. The TMDL must be calculated so that standards will be attained, in consideration of critical conditions and seasonal variation, and must include a margin of safety (MOS) to account for uncertainty. The TMDL is allocated among all of the sources of the pollutant, including point sources, nonpoint sources, and natural background. Point sources are those regulated under the federal Clean Water Act, such as wastewater treatment facilities, combined sewer overflows and stormwater, and receive wasteload allocations (WLAs). Nonpoint sources (NPS) of pollution are diffuse sources, such as overland runoff and air deposition, which are not regulated under the federal Clean Water Act. NPS receive Load Allocations (LAs) as part of the TMDL. The MOS can be an explicit part of the TMDL equation or may be accounted for through conservative assumptions made in calculating the TMDL.



A TMDL implementation plan is developed to identify the measures needed to reduce loads from each identified source so that surface water quality standards can be attained. These measures include regulatory as well as non-regulatory actions. Regulatory measures typically include effluent limitations or other measures that are incorporated into NJPDES permits for wastewater or stormwater discharges. Non-regulatory measures include best management practices for agricultural land use and riparian restoration, as well as promotion of watershed/local stewardship activities such as construction of rain gardens and rain barrels.

### *NJPDES Permitting Program*

#### Discharge to Surface Water Permits

The Department's NJPDES Discharge to Surface Water (DSW) Program regulates the discharge of treated and untreated effluent from various municipal and industrial facilities directly into surface waters of the State (e.g., rivers, streams, ocean waters) via a point source. These facilities operate under the authority of an individual or general NJPDES permit that limits the mass and/or concentration of pollutants discharged. The NJPDES DSW permit program is operated under the authority of the federal Clean Water Act, which has been delegated to New Jersey by USEPA to implement the National Pollutant Discharge Elimination System (NPDES) program, as well as the New Jersey Water Pollution Control Act and the New Jersey Water Quality Planning Act. Permit recipient ("permittees") include various industries; federal, state, county, and municipal facilities; private companies; private residential developments; hospitals; and schools. The NJPDES DSW permits establish technology- or water quality-based effluent limitations that limit the mass and/or concentration of pollutants discharged to levels that will not cause the receiving water to exceed applicable surface water quality standards, which include designated uses, stream classifications, narrative and numeric water quality criteria, as well as general and technical policies to protect the public health and the environment. Permitted discharges to surface water are required to submit monthly Discharge Monitoring Reports (DMR's) for Department review to determine compliance with effluent limitations. Additional water quality monitoring may also be required. A facility that exceeds its effluent limitations or otherwise does not comply with its permit limits is referred to the Department's Division of Water Compliance and Enforcement for appropriate action pursuant to the New Jersey Clean Water Enforcement Act. Additional information about surface water discharge permits is available on the Department's website at <http://www.nj.gov/dep/dwq/sw.htm>.

#### Discharge to Ground Water Permits

The Department regulates facilities that discharge sanitary and industrial wastewater to ground water under the NJPDES Discharge to Ground Water (DGW) Permit Program. The pollution

control requirements contained in NJPDES discharge to ground water (DGW) permits are those conditions necessary to restrict the discharge of pollutants to ground waters of the State so that they do not exceed applicable ground water quality standards; which including designated uses, ground water classifications, criteria and policies established to protect the public health and the environment. The types of discharge activities that are regulated include surface impoundments, infiltration/percolation lagoons, overland flow systems, spray irrigation systems, and various types of subsurface disposal systems that are classified as underground injection systems. The types of facilities regulated include: mines, pits and quarries; schools and hospitals; potable water treatment plants; large corporate office buildings; industrial manufacturing facilities; campgrounds and mobile home parks; food processors; and sewage treatment plants and other discharges of wastewater that can impact ground water, including the management of dredged materials at upland locations. Additional information about the NJPDES DGW Permit Program is available on the Department's website at [www.state.nj.us/dep/dwq/dgw\\_home.htm](http://www.state.nj.us/dep/dwq/dgw_home.htm).

### Stormwater Permits

The Stormwater Permitting Program was mandated by Congress in the 1987 amendments to the federal Clean Water Act under Section 402(p). Consistent with the corresponding federal regulations, New Jersey's Stormwater Permitting Program is divided into two sections: Industrial Stormwater Permitting ("Phase I") and Municipal Stormwater Regulation ("Phase II"). Both programs emphasize pollution prevention techniques and source control rather than "end-of-pipe" treatment. The program is implemented through the issuance of individual permits and general permits. These stormwater permits rely primarily on pollution prevention and reasonable and cost effective best management practices (BMPs) that eliminate or minimize the contact between source materials and stormwater, preventing pollution and saving industry money by reducing inventory and material losses. Additional information about the Stormwater Permitting Program is available on the Department's website at [http://www.nj.gov/dep/dwq/bnpc\\_home.htm](http://www.nj.gov/dep/dwq/bnpc_home.htm) and the Flood Hazard Control Act is located at [http://www.nj.gov/dep/landuse/lawsrules/fhacar\\_index.html](http://www.nj.gov/dep/landuse/lawsrules/fhacar_index.html).

### Significant Industrial Users

Some industrial dischargers do not discharge their wastewater directly into a surface waterbody like a stream or river, but rather discharge into a sanitary sewer system or publicly owned treatment works (POTW). The wastewater is conveyed to a local agency's treatment plant where it is treated and usually discharged into a river or stream. These dischargers are known as "indirect users." Although not all indirect users require individual NJPDES permits, all must comply with at least minimum regulatory requirements under N.J.A.C. 7:14A-21.2, as well as the rules and regulations or sewer use ordinance of the local agency. When this type of discharge meets one or more specific criteria, the discharger becomes a significant indirect user (SIU), and requires a permit. The criteria include discharging from specific operations, discharging high strength or high volume wastewaters, being subject to Federal Categorical Pretreatment Standards, and failure to comply with regulatory requirements under N.J.A.C. 7:14A-21.2. The Division of Water Quality's Bureau of Pretreatment and Residuals is responsible for issuing permits for SIUs discharging to POTWs.



The Department may grant "delegated" status to a local agency that demonstrates to the Department that it has the legal authority, procedures, and resources to adequately administer an SIU permitting program, as required under the Federal General Pretreatment Regulations (40 CFR Part 403) and NJPDES regulations. Such a program requires setting appropriate discharge limits for SIUs, enforcing those limits to ensure compliance, conducting site inspections, and performing sampling of the regulated SIUs. Once a pretreatment program has been delegated to a local agency, SIU permits are no longer issued by the Department in that service area. Additional information about SIUs is available on the Department's website at <http://www.state.nj.us/dep/dwq/sius.htm>.

### Combined Sewer Overflow Program

Combined Sewer Systems (CSSs) are wastewater collection systems designed to carry sanitary sewage, industrial and commercial wastewater, and stormwater runoff in a single system of pipes to a publicly owned treatment works (POTW). During periods of rainfall or snowmelt, the total wastewater flows entering the collection system can exceed the capacity of the system or the treatment facility. Under such conditions, CSSs are designed to overflow at predetermined Combined Sewer Overflow Points and result in discharges of excess wastewater flows, known as Combined Sewer Overflows (CSOs), directly to surface waterbodies such as rivers, estuaries, and coastal waters.

CSO discharges contain raw sewage consisting of a combination of untreated human waste and pollutants discharged by commercial and industrial establishments. CSOs also have a significant stormwater component that includes pollutants from urban and rural runoff. The pathogens, solids, and toxic pollutants carried by CSOs may be discharged directly to the waters of the state during wet weather events. CSOs are a human health concern because they can create the potential for exposure to disease-causing pathogens including protozoa, bacteria, and viruses.

CSOs are point sources subject to federal NPDES permit requirements, including both technology-based and water quality-based requirements of the federal Clean Water Act. The National Combined Sewer Overflow Control Policy (National Policy) requires CSO permit holders to develop Combined Sewer Overflow Long Term Control Plans (CSO-LTCPs) that include the evaluation of alternatives for attaining compliance with the Clean Water Act, including compliance with surface water quality standards and protection of designated uses of waters of the state.

The Department is implementing a Statewide Combined Sewer Overflow Control Strategy consistent with the National Policy. As a first step, New Jersey has required its owners and operators of CSSs to develop and implement the Nine Minimum Control Measures (NMCs), specified in the National Policy. NMCs are actions or measures that can reduce CSO discharges and their effect on receiving water quality. The CSO permit holders must capture and remove solids and floatables above a certain size at every CSO Point. In 2013, 93 percent of the planned solids and floatables control facilities were constructed and operational. It is estimated that New Jersey's CSO Solids/Floatables Control Facilities currently capture, remove, or otherwise prevent the discharge of over 700 tons of solids and floatables materials per year. Additionally, over 60 CSO discharge points were eliminated since the onset of the program.

Currently, the Department has issued 25 permits to address the remaining 217 CSO discharge points, or outfalls, in the state. The new permits require operators, including municipalities and regional sewerage authorities, to develop long-term control strategies, including gray infrastructure projects, such as holding tanks, lagoons, rain gardens, or green roofs, to capture or store stormwater for later release. To improve public awareness, permit holders are required to post identification signs at discharge points stating the possibility that contact with the water may cause illness. Financing is made available through the New Jersey Environmental Infrastructure Financing Program. Additional information on New Jersey's CSO Program is available on the Department's website at <http://www.nj.gov/dep/dwq/cso.htm>.

### *Stormwater Management*

The Stormwater Management rules (N.J.A.C. 7:8) provide the basis for municipalities to develop stormwater management plans and specify stormwater management standards that are mandatory for new major development. The New Jersey Stormwater Best Management Practices Manual (BMP manual) has been developed to provide guidance to review agencies and the regulated community on complying with the standards in the Stormwater Management rules. The Stormwater Management rules also establish performance standards for ground water recharge to increase the integrity of the State's aquifers and protect dry weather base flow in streams. The rules require that 100 percent of the average annual ground water recharge be maintained for new development projects, to help mitigate future droughts and flooding. Generally, recharge requirements do not apply in urban areas.

In addition to recharge standards, the rules promote low impact development techniques by requiring consideration of non-structural design methods for stormwater management. These include maintaining natural vegetation, reducing unnecessary loss of trees, minimizing existing drainage surfaces, preventing large contiguous areas of impervious surfaces, and maintaining existing drainage characteristics and patterns. Consideration of these techniques will require that stormwater management be considered early in the project design and not as a secondary concern. Once nonstructural measures have been fully integrated into the site design, any remaining water quality concerns must be addressed using best management practices to reduce runoff of total suspended solids (TSS) by 80 percent and other pollutants up to the maximum extent feasible. Additional information about the Stormwater Management rules is available on the Department's website at <http://www.njstormwater.org/>.

Special water resource protection area (SWRPA) or riparian zones are also acknowledged as effective BMPs and provide 300-foot buffers to C1 waters under Storm Water Management Rules at N.J.A.C. 7:8 and the New Jersey Flood Hazard Area Control Act (FHACA) rules at N.J.A.C. 7:13, respectively. Additional information on these rules is available on the Department's website at <http://www.nj.gov/dep/landuse/>. Additional information on C1 buffers is available at [http://www.state.nj.us/dep/wms/bears/docs/buffer\\_fact\\_sheet\\_2.pdf](http://www.state.nj.us/dep/wms/bears/docs/buffer_fact_sheet_2.pdf).

### *Green Infrastructure*

Traditional stormwater infrastructure design focuses on collecting and conveying rainwater off-site, so it is ultimately discharged into a downstream waterway. Green infrastructure mimics

natural processes utilizing soils and vegetation to manage rainwater where it falls by allowing it to infiltrate into the soils, be taken up by plants, or stored for re-use as irrigation. USEPA strongly promotes the use of green infrastructure as a best management practice to address stormwater runoff. Likewise, the Department supports the use of green infrastructure as a preferred method of stormwater management. Green infrastructure (GI) strategies reduce runoff volume by allowing rainfall to infiltrate into the soil where it can be used by plants or where it can recharge aquifers and stream base flow. Another way to reduce volume is to capture the rainfall in manufactured structures like rain barrels or cisterns where it is stored until it can be reused; however, the use of this stored water is limited to non-potable uses, such as irrigation. Green infrastructure encourages the idea that stormwater is a resource that can be reused, rather than simply conveyed elsewhere. A comprehensive list of the Department's recommended green stormwater practices and completed projects is available on the Department's website at <http://www.nj.gov/dep/gi/>.

#### *Soil Erosion and Sediment Control Act Implementation*

The New Jersey Soil Erosion and Sediment Control Act, P.L. 1975, c.251, otherwise known as "Chapter 251" (NJSA 4:24-39 et seq.), is administered by the State's 15 Soil Conservation Districts (SCDs) and overseen by the NJDA to minimize soil erosion from construction sites, reduce nonpoint source pollution from sediment, and enhance water quality and stormwater quality. Conservation practices such as stormwater inlet protection, silt fencing, stabilized construction access, and temporary soil stabilization are just a few of many measures that help reduce soil erosion on active construction sites. The SCDs review development and site plans and to ensure that they comply with standards established by the State Soil Conservation Committee pursuant to Chapter 251. SCDs also conduct a detailed review of Requests for Authorization (RfAs) to discharge stormwater from a developed site, which include stormwater management runoff designs that ensure runoff will not contribute to long-term water quality degradation in the receiving waters. SCD staff routinely inspect active construction sites to make sure the soil erosion and sediment control measures are carried out in the correct construction sequence on the site. SCD inspectors also perform final site inspections once construction is finished, to ensure that the site has been properly and permanently stabilized. Additional information about Chapter 251 and New Jersey SCDs is available on the NJDA website at <http://www.nj.gov/agriculture/divisions/anr/nrc/conservdistricts.html>.

#### *Coastal Management Program*

Concerted coastal management efforts began in New Jersey in 1970 with the passage of the Wetlands Act of 1970, N.J.S.A. 13:9A, followed by the Coastal Area Facility Review Act (CAFRA), N.J.S.A. 13:19, in 1973. In response to the 1972 passage of the federal Coastal Zone Management Act, New Jersey developed and gained federal approval of the New Jersey Coastal Management Program, which addresses the complex coastal ecosystem as a whole. The Coastal Management Program defines goals and standards for the purpose of integrating protection and enhancement of natural resources, appropriate land use and development, and public access to, and use of, New Jersey's coastal resources. The program, which was first approved in 1978, brings together the above laws as well as the Waterfront Development Law, the Freshwater Wetlands Protection Act, the Public Trust Doctrine for access to, and use of, state-owned

tidelands, and the regulatory activities of the New Jersey Meadowlands Commission. These laws establish a set of over-arching policies that guide implementation of the New Jersey Coastal Management Program.

A primary mission of the Coastal Management Program is ensuring that coastal resources and ecosystems are conserved as a vital aspect of local, state, and federal efforts to enhance sustainable coastal communities. The coastal zone boundary of New Jersey encompasses the CAFRA Area and the New Jersey Meadowlands District. It also includes coastal waters to the limit of tidal influence, including the Atlantic Ocean (to the limit of New Jersey's seaward jurisdiction); Upper New York Bay, Newark Bay, Raritan Bay and the Arthur Kill; the Hudson, Raritan, Passaic, and Hackensack Rivers, and the tidal portions of the tributaries to these bays and rivers. The Delaware River and Bay, and other tidal streams of the Coastal Plain, are also in the coastal zone, as is a narrow band of adjacent uplands in the Waterfront Development Area outside of the CAFRA Area. Through the Coastal Management Program, the Department manages the State's diverse coastal zone, which includes portions of 17 counties and 245 municipalities. Additional information about New Jersey's Coastal Management Program, as well as the Assessment and the Strategy, are available on the Department's website at <http://www.nj.gov/dep/cmp>.

#### *Residuals, Biosolids, Sewage Sludge*

Residuals are generated by both domestic treatment plants (sewage sludge) and industrial treatment plants (industrial residuals). Residuals are managed in a variety of ways, including the development of Marketable Residuals Products (often referred to as biosolids) used to fertilize or condition the soil. Examples include pellets, compost, and alkaline materials. Residuals are also incinerated in New Jersey and managed in a variety of ways at out-of-state facilities. Beneficial use of residuals as a fertilizer or soil conditioner is regulated under a NJPDES permit. Incineration of residuals is regulated under New Jersey's Air Pollution Control Program (see the Department's website at <http://www.nj.gov/dep/aqpp/>). Residuals managed in other states are regulated by the receiving state.

The Department oversees the Statewide Sludge Management Plan (a component of the Statewide Solid Waste Management Plan), and reviews and approves long-term generator residuals management plans. Through the implementation of the Sludge Quality Assurance Regulations (N.J.A.C. 7:14C), residuals generators must test their residuals and report the results to the Department on a regular basis. This data is available to assure compliance with the appropriate residuals management criteria in much the same way that the surface water program uses effluent data to assure compliance with wastewater discharge requirements. Additional information about residuals management is available on the Department's website at <http://www.state.nj.us/dep/dwq/sludge.htm>.

### **4.3: Water Pollution Control: Non-regulatory Programs**

Nonpoint source (NPS) pollution is caused by precipitation moving over and through the land and carrying natural and synthetic pollutants into surface and ground water. The significance of NPS loadings can vary widely depending upon the watershed and the pollutant. NPS pollution is

diffuse in origin, can emanate from anywhere in the watershed and is significantly associated with human activity. It is also not generally subject to regulatory controls. NPS pollution may include chemicals and pathogens carried into streams by rainfall, such as oil and grease from roadways and parking lots; fertilizers from lawns, golf courses, and agricultural fields; and bacteria from improperly maintained septic systems, pet waste, and large congregations of waterfowl. NPS pollution may also include other adverse impacts on water resources caused by anthropogenic activity. For example, clearing of streamside vegetation can cause increased water temperature that impairs aquatic life uses, such as trout production and maintenance. Increased development may result in increased water withdrawals or loss of recharge, which can cause reduced base flow during dry weather and impair aquatic life and public water supply uses. Increased impervious cover can increase stormwater runoff and exacerbate erosion of streambeds and banks. This can significantly alter stream hydrology, increase turbidity and flashiness of streams, and increase flooding.

#### *New Jersey Nonpoint Source Management Program Plan*

The Department has developed a [Nonpoint Source Management Program Plan](#) for 2015-2019 (NPS Plan), which highlights the key actions the Department and our partners will take to address water quality issues caused by nonpoint source (NPS) pollution. The NPS plan identifies New Jersey's strategies to protect, maintain, and improve water quality and is a key element of New Jersey's [Continuing Planning Process](#). USEPA requires states to have an updated NPS Management Program in place to qualify for federal Clean Water Act (CWA) Section 319(h) grant funds. USEPA issued new 319(h) grant program guidelines in 2013 (see <http://www.epa.gov/sites/production/files/2015-09/documents/319-guidelines-fy14.pdf>). These guidelines describe the components that must be included in a state NPS Management Program. They also emphasize the importance of states updating their NPS management programs to ensure that Section 319(h) grant funds are targeted to the highest priority activities.

New Jersey's NPS Management Program is implemented cooperatively with many other Department programs along with other State agencies, including the New Jersey Department of Agriculture, local governments and the watershed associations. The program combines regulatory controls, non-regulatory strategies, watershed-based plans and restoration actions, and targeted funding to address NPS pollution on a scale that ranges from statewide to individual watersheds or sources of NPS. The NPS Plan is updated every five years and progress reports are published annually. Additional information about the Department's NPS Program is available on the Department's website at <http://www.state.nj.us/dep/wms/bears/nps.htm>.

#### New Jersey Statewide 319(h) Nonpoint Source Pollution Control Grant Program

The New Jersey Statewide 319(h) Nonpoint Source (NPS) Pollution Control Grant Program is an integral component and funding source for statewide NPS management programs, which aim to control NPS pollution to achieve and maintain designated uses of waters of the State. This program is supported by pass-through grants from USEPA under Section 319(h) of the federal Clean Water Act whose purpose is to maintain and improve water quality by:



- Strategically focusing on water quality goals to achieve water quality standards in the state's priority waters/watersheds;
- Clearly articulating program goals and developing annual work plans that reflect actions to advance those goals;
- Reflecting a balance between planning, staffing, statewide action, and watershed project implementation that best utilizes resources to deliver measurable water quality results;
- Leveraging and integrating with other programs to align planning, priority-setting and resources to make the best use of available resources to control NPS pollution; and
- Tracking and reporting results to demonstrate program progress and success.

Each year, New Jersey announces the availability of 319(h) pass-through grants along with a Request for Proposals (RfP) to solicit applications for projects eligible for the grant funds. The RfP serves as a guidance document that establishes criteria for projects based on federal requirements and state priorities; identifies specific administrative, procedural, and programmatic requirements for applicants; and provides timetables and deadlines for the grant application and related decision-making processes. Funding priorities established in the RfPs for state fiscal year (SFY) 2014 and 2015 319(h) grant awards were:

- Implement approved Watershed Based Plans and TMDLs in Atlantic Coastal and Raritan Water Regions
- Green Infrastructure in CSO sewersheds
- Living shorelines in tidal areas

Federal 319(h) grant funds have also been used as leverage to secure additional funding and in-kind contributions from other sources (in the form of labor, materials, and professional guidance) and expand the scope of restoration efforts in targeted priority watersheds. For example, the Department has worked with New Jersey's Soil Conservation Districts (SCDs) through the State Soil Conservation Committee (see description below) to administer 319(h) grants in conjunction with programs administered through the SCDs. Several of these 319(h) grant projects include implementation of conservation practices on agricultural lands, using NRCS and SSCC funds and resources, in agricultural-dominated watersheds, currently the Upper Salem, Upper Cohansey, Neshanic, Assiscunk, Paulins Kill, Musconetcong, Papakating, and Clove Acres watersheds. The accomplishments of the 319(h) grant program, including pollutant load reductions, are tracked through USEPA's Grant Reporting Tracking System (GRTS), which is available on USEPA's website at <http://iaspub.epa.gov/apex/grts/f?p=110:199>. Additional information about the agricultural NPS program is provided below. Additional information about the Department's 319(h) NPS Grant Program is available on the Department's website at [http://www.state.nj.us/dep/wms/bears/319\\_grant\\_program.htm](http://www.state.nj.us/dep/wms/bears/319_grant_program.htm).

### *Watershed Based Plans*

Due to the diffuse nature of nonpoint source pollution, costs associated to address it, and the need for voluntary action, implementing NPS controls that will attain water quality standards often requires support from a coalition of stakeholders, coordination of programs, and availability of funding sources that will span multiple years. Watershed planning helps address water quality problems in a holistic manner by fully assessing the potential contributing causes

and sources of pollution, then prioritizing restoration and protection strategies to address these problems.

Beginning in State Fiscal Year (SFY) 2006, the Department supported development of Watershed Restoration and Protection Plans, also referred to as Watershed Based Plans (WBPs), that focused on reducing NPS pollution. The Department issued Section 319(h) grants to fund planning and implementation of projects that would address water quality impairment through implementation of NPS pollution controls, including those specifically identified in approved total maximum daily load (TMDL) implementation plans, or necessary to address pollutants identified on an adopted 303(d) List of Water Quality Limited Waters. WBPs initiated after June 30, 2007 include the nine minimum components of a watershed plan set forth in the USEPA's "Handbook for Developing Watershed Plans to Restore and Protect Our Waters" (USEPA, 2005) to be eligible for Section 319(h) grant funds. These nine minimum elements are:

1. Identify causes and sources of pollution
2. Estimate pollutant loading into the watershed and the expected load reductions
3. Describe management measures that will achieve load reductions and targeted critical areas
4. Estimate amounts of technical and financial assistance and the relevant authorities needed to implement the plan
5. Develop an information/education component
6. Develop a project schedule
7. Describe the interim, measurable milestones
8. Identify indicators to measure progress
9. Develop a monitoring component

The following eighteen WBPs have been approved by the Department and deemed to meet all nine elements by USEPA and were used in support of generating sublist 5R:

1. Alexauken Creek Watershed Plan
2. Assiscunk Creek Watershed Plan
3. Cedar Grove Watershed Plan
4. Clove Brook Watershed Plan
5. Deal Lake Watershed Plan
6. Manalapan Watershed Restoration Plan
7. Metedeconk River Watershed Plan
8. Mulhockaway Creek Watershed Plan
9. Musquapsink Brook Watershed Plan
10. Neshanic River Watershed Plan
11. Papakating Creek Watershed Plan
12. Pleasant Run and Holland Brook Watershed Plan
13. Sidney Brook Protection Plan
14. Sourland Mountain Watershed Plan
15. Tenakill Brook Watershed Plan
16. Upper Cohansey River Watershed Plan
17. Upper Salem River Watershed Plan
18. Wreck Pond Brook Watershed Regional Stormwater Management Plan

AUs that are impaired by a parameter associated with NPS that is addressed under one of these approved WBPs are identified on Subpart 5R of the 2014 Integrated List. As explained in Chapter 1, Subpart 5R identifies AUs impaired primarily by nonpoint sources of pollution that are not subject to regulation under the federal CWA, or regulated stormwater, which is most effectively addressed through source control. Watershed restoration plans, including 319(h) funded WBPs, can be an effective alternative to a TMDL to characterize pollutant sources, the reductions needed to attain standards, and the means to achieve the reductions.

### *Agricultural Nonpoint Source Pollution Control Program*

The Department continues to foster a partnership with the New Jersey Department of Agriculture (NJDA), the United States Department of Agriculture - Natural Resources Conservation Service (USDA-NRCS), and other agricultural organizations to achieve New Jersey's water quality goals. In some of New Jersey's more rural watersheds, agricultural land uses are the major nonpoint source of pathogens and nutrients. Implementing best management and conservation practices on agricultural lands is an important component of New Jersey's nonpoint source pollution control strategy because it will improve water quality, conserve water and energy, prevent soil erosion, and reduce the use of nutrients and pesticides. The following are conservation programs that address nonpoint source pollution from agricultural activities.

### Farm Security and Rural Investment Act (Farm Bill) Funding Programs

The USDA-NRCS provides technical and financial assistance to help farmers, ranchers, and forest landowners conserve soil, water, air, and other natural resources. All programs are voluntary and offer science-based solutions that benefit both the landowner and the environment. NRCS provides conservation technical assistance (CTA) through their staff at NRCS Field Offices and through NRCS-certified Technical Service Providers, in cooperation with New Jersey's fifteen Soil Conservation Districts and the New Jersey Association of Conservation Districts. Other key partners include the NJDA, Rutgers University, and other State and Federal Agencies. New Jersey receives funds under the Farm Bill that are administered through the following USDA voluntary programs for eligible New Jersey landowners and agricultural producers (see descriptions below).

- Agricultural Management Assistance (AMA): provides cost share assistance to voluntarily address issues such as water management, water quality and erosion control.
- Agricultural Water Enhancement Program (AWEP): provides financial and technical assistance to agricultural producers in approved watersheds.
- Environmental Quality Incentives Program (EQIP): provides financial assistance for permanent measures or management strategies that address existing resource concerns.
- Grassland Reserve Program (GRP): offers private landowners the opportunity to protect, restore, and enhance grasslands on their property.
- Farm and Ranch Lands Protection Program (FRPP): provides matching funds to purchase conservation easements to keep productive farmland in agricultural uses.
- Wildlife Habitat Incentives Program (WHIP): provides financial assistance to create, enhance, or maintain five priority wildlife habitat types on nonfederal lands. Creation or

improvement of wildlife habitat is generally as effective as buffers at controlling nonpoint source pollution.

- Wetlands Reserve Program (WRP): provides technical and financial assistance to enhance wetlands in exchange for retiring marginal land from agriculture.
- Conservation Security Program (CSP): rewards farmers who have demonstrated high levels of conservation and management on their farms by protecting soil and water quality.
- Conservation Effects Assessment Project (CEAP): a national effort through which the NRCS works with the Department and other partners to monitor and quantify the effects and benefits of conservation practices.

Additional information about USDA-NRCS programs is available on the USDA website at <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/>.

### Farm Service Agency (FSA) Programs

NRCS provides technical assistance to applicants and contract holders working with the FSA Programs, which include the following:

Conservation Reserve Program (CRP): USDA's largest environmental improvement program on private lands allows producers to retire highly erodible or marginal cropland or pastureland and receive rental payments as well as financial assistance to convert the land to grass or trees. Cost sharing is provided to cover part of the cost to establish conservation measures on the land. This may include re-establishing native or perennial grasses, planting trees or fencing animals out of streams. Incentive payments are offered in some cases to encourage participation and to protect highly sensitive land surrounding waterways.

Conservation Reserve Enhancement Program (CREP): The New Jersey Departments of Environmental Protection and Agriculture, in partnership with the Farm Service Agency and Natural Resources Conservation Service, signed a \$100 million CREP agreement in 2004 to help farmers reduce nonpoint source pollution caused by agricultural runoff in an effort to improve water quality in New Jersey. Under NJCREP, farmers receive financial incentives from the FSA and the NJDA to voluntarily remove marginal pastureland or cropland from agricultural production and convert the land to native grasses, trees and other vegetation. The vegetation can then serve as a buffer to filter or contain agricultural runoff and prevent polluted stormwater runoff generated by farms from reaching neighboring waterbodies.

Through this program, \$23 million of State money was matched with \$77 million from the Commodity Credit Corporation within USDA. Through CREP, financial incentives are offered for agricultural landowners to voluntarily implement conservation practices on agricultural lands. NJ CREP is part of the USDA's Conservation Reserve Program (CRP). There will be a ten-year enrollment period, with CREP leases ranging between 10-15 years. The enrollment of farmland into CREP in New Jersey is expected to improve stream health through the installation of water quality conservation practices on New Jersey farmland. As of June 19, 2013, there are 192 New Jersey CREP contracts, totaling 703.8 acres with significant potential for future enrollment to achieve nutrient and TSS reductions. Additional information on these and other FSA programs is

available on the FSA website at <http://www.fsa.usda.gov/FSA/webapp?area=home&subject=copr&topic=landing>.

### *Coastal Nonpoint Source Pollution Control Program*

The Coastal Nonpoint Source Pollution Control Program (Section 6217 of the Coastal Zone Act Reauthorization Amendments of 1990) addresses NPS pollution in coastal waters. This program is administered jointly by the US Environmental Protection Agency (USEPA) and the National Oceanic and Atmospheric Administration (NOAA). Section 6217 requires the 29 states and territories with approved Coastal Zone Management Programs to develop Coastal Nonpoint Pollution Control Programs (CNPCP). A CNPCP describes how a state will implement NPS BMPs to reduce pollution associated with several sources such as forestry practices, urban development, marinas and boating activities, hydromodification, and others. The Department has an approved CNPCP, a description of which may be found at [http://www.state.nj.us/dep/cmp/czm\\_cnpp.html](http://www.state.nj.us/dep/cmp/czm_cnpp.html).

### *Floatables Control*

New Jersey Clean Communities Council (NJCCC) works with partners to accomplish removal of debris that would otherwise be washed into waterways. In 2014, the New Jersey Clean Communities Council (NJCCC) reported 760 projects across the state that removed 1,930 tons of debris from waterways, beaches, greenways, and roads. The council had established an aggressive goal at the beginning of 2014 to coordinate 350 clean-ups, to celebrate the 350th birthday of the State of New Jersey. Through aggressive outreach to county coordinators and local volunteer groups, the number of coordinated clean-ups surpassed anyone's expectation, with various organizations across the state helping the NJCCC tally up 760 cleanups.

Most major cleanups in 2014 were the Barnegat Bay Blitz, the Raritan River Cleanup in Somerset County, the Great Falls Cleanup in Paterson and the Beach and Bay Cleanups in Brigantine. The services of 18,181 volunteers were rallied who collected 11,310 large bags of litter and 34 tons of recyclables across 131 miles in 2014. In addition, volunteers were able to collect 8,300 tires that had been illegally disposed on public property. These major cleanups were made possible through volunteers from the Adopt-a-Beach Program, New Jersey Clean Communities Coordinators, the Passaic Valley Sewerage Commissioners River Restoration Program, and the Department's Barnegat Bay Blitz, Clean Shores, Open Space, and AmeriCorps NJ Watershed Ambassadors programs.

The Department administers both the Clean Shores Program and the Adopt-A-Beach Program to address coastal debris. The Clean Shores Program uses inmates from state correctional facilities to remove wood and garbage from tidal shorelines. Cleaning up these wastes helps prevent the deleterious effects of marine debris upon recreational ocean bathing beaches and the coastal environment. Since its inception in 1989, the total amount of wastes removed from New Jersey beaches under this program exceeds 125 million pounds. The program is funded entirely from the sale of "Shore to Please" shore protection license plates. The sponsoring municipalities and state/federal parks provide support to the program and lay out the initial costs of the cleanup. The Clean Shores program in turn reimburses the sponsors for the cost of waste disposal and



contracted services incurred during cleanup activities. The program is also responsible for building dune fencing and planting dune grass in several oceanfront communities and one state park. In an average year, cleanups are carried out with the cooperation of more than 45 municipalities, seven county agencies, two state parks, one federal park, and the Department of Corrections. In 2010, the Clean Shores Program won the U.S. Environmental Protection Agency's Environmental Quality Award for demonstrating an outstanding commitment to protecting and enhancing environmental quality and public health. Additional information about the Clean Shores Program is available on the Department's website at <http://www.nj.gov/dep/bmw/cleanshores/csindex.html>.

The Adopt-A-Beach program fosters volunteer stewardship of the State's coastal beaches to reduce the threat of marine debris to marine fish and wildlife. The Department partners with the New Jersey Clean Communities Council and Clean Ocean Action to conduct the twice-a-year program. Participants are encouraged to adopt one of New Jersey's ocean beaches and become responsible for cleaning up debris and floatables that wash up on the shore. Since 1993, Adopt-A-Beach volunteers have been cleaning up litter and debris from about 60 beaches statewide. The cleanup results are forwarded to our national partner the Ocean Conservancy for analysis and inclusion in national and international marine debris databases. The results are used to gauge the type of education and outreach activities needed to change public attitudes and behavior about litter and the importance of keeping our waterways clean. Adopt-A-Beach volunteers have removed over 50,000 pounds of trash since 2004 that would have otherwise become pollution in our coastal waters. Additional information about the Adopt-A-Beach Program is available on the Department's website at [www.state.nj.us/dep//seeds/aabeach.htm](http://www.state.nj.us/dep//seeds/aabeach.htm).

#### *Don't Waste Our Open Space Initiative*

Illegal dumping on public land has been a growing problem in recent years throughout New Jersey. More than 170 publicly owned tracts are held in trust by the State of New Jersey, including 813,000 acres of state-preserved open space, parks, forests, wildlife management areas, natural lands, and preserves. Nearly all have been impacted by illegal dumping. Debris left behind by illegal dumpers is not only unsightly, but also potentially harmful to public health, wildlife, and ecosystems. Waste includes everything from cigarette butts, beverage containers and food wrappers to construction debris, old TVs and computers, car parts and tires, refrigerators and even entire vehicles. Illegal dumping undermines volunteer community clean-up efforts and wastes taxpayer dollars on clean-ups costs.

The Department launched a new program in April 2014 to stop illegal dumping in state parks and natural lands that combines increased enforcement efforts with enhanced public education and outreach. The goal of the "Don't Waste Our Open Space" campaign is to crackdown on illegal dumping by raising public awareness and encouraging residents to get involved as stewards of public lands. The anti-dumping campaign is a coordinated effort involving several Department programs, including the State Parks Service, State Park Police, the State Forestry Service, the Division of Fish and Wildlife, Compliance and Enforcement, Solid Waste, Water Resources Management, and the Natural Lands Trust. Investigations of illegal dump sites on state properties, including a few involving motion-sensor camera discoveries, are conducted by State Park Police, Division of Fish & Wildlife's Conservation Officers, and Compliance &

Enforcement staff. Activities and outcomes are posted on the Department's website at [www.stopdumping.nj.gov](http://www.stopdumping.nj.gov), along with opportunities for local involvement. The progress of the "Don't Waste Our Open Space" pilot program will be evaluated after one year. If education and enforcement measures prove successful, it may serve as a model for county systems in New Jersey or other states throughout the Country.

#### **4.4: New Jersey Environmental Infrastructure Financing Program**

The NJWPCA requires the Department to inventory and rank needs, in order of priority, for the construction of municipal waste treatment works needed to meet water quality goals and standards. This requirement is satisfied by the New Jersey Environmental Infrastructure Financing Program (NJEIFP). The NJEIFP is a revolving loan program administered by the Department and the [New Jersey Environmental Infrastructure Trust \(EIT\)](#), an independent state financing authority, pursuant to the New Jersey Wastewater Treatment Trust Act (58:11B-1 to 27), the Financial Assistance Programs for Wastewater Treatment Facilities rules and Wastewater Treatment Trust Procedures & Requirements (N.J.A.C. 7:22), and the Sewage Infrastructure Improvement Act Grants rules (NJAC 7:22A). The 1987 amendments to the federal Clean Water Act required states to establish a Clean Water State Revolving Fund (CWSRF) to provide financial assistance for the construction of projects that protect, maintain, and improve water quality. New Jersey's CWSRF program is included in the New Jersey Environmental Infrastructure Financing Program (NJEIFP).

The NJEIFP provides loans to local government units for the construction of wastewater treatment facilities, sludge management systems for wastewater and water treatment systems, combined sewer overflow abatement, stormwater, and other nonpoint source management projects. The financing program also provides loans to both publicly and privately owned drinking water systems for the construction or upgrade of drinking water facilities, transmission and distribution systems, storage facilities, and source development. Funds are made available under the Federal Clean Water and Safe Drinking Water Acts and various state bond acts. The Department offers zero percent interest rate loans to local government units for up to half the allowable project costs, and the EIT offers market rate loans for the remaining allowable costs.

Every year, the Department develops a Proposed Priority System, Intended Use Plan, and Project Priority List for public review and USEPA approval. The Priority System (PS) describes the ranking methodology for the municipal water pollution control projects that are eligible for financial assistance through the NJEIFP. The Intended Use Plan (IUP) provides information on funds available through the clean water component of the EIFP, including all federal funds allotted to the State under the CWA and available to the CWSRF. The Priority List identifies projects targeted for financial assistance from the CWSRF and identifies the estimated total eligible building costs under the appropriate project category. Projects must be identified on the Project Priority List to be eligible for funding. Additionally, project sponsors must meet established planning, design and application deadlines as identified in the Priority System, Intended Use Plan and Project Priority List for the applicable funding cycle. In federal fiscal year 2010, CWSRFs were required to add provisions promoting "green" technologies and establishing a Green Project Reserve (GPR). The GPR provision of the federal budget generally requires States to reserve not less than 20% of the annual federal allocation for CWSRF capitalization

grants to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. Projects meeting GPR criteria are subject to all SRF program requirements. Additional information about the New Jersey Environmental Infrastructure Trust: Financing Program is available on the Department's website at [http://www.nj.gov/dep/dwq/mface\\_njeifp.htm](http://www.nj.gov/dep/dwq/mface_njeifp.htm).

#### **4.5: Land Acquisition for Water Quality Protection**

New Jersey has long recognized the importance of protecting headwater areas of rivers, streams, lakes reservoirs, wetlands and associated buffers and coastal waters safeguards our water supplies and other natural resources, and provided outdoor recreational opportunities. These lands protect ecological resources and water quality, provide water-based recreational opportunities, and serve as linear open space linkages.

##### *Environmental Infrastructure Financing Program*

Land acquisition financed through the NJEIFP must demonstrate a water quality benefit. Preserving open space safeguards water supplies and other natural resources. The NJEIFP works closely with the Green Acres Program to maximize a community's limited funds for land acquisition. Public Law 2002, Chapter 76, directs the Green Acres State Land Acquisition Program to prioritize land for acquisition for the protection of water resources and flood prone areas. Pursuant to this legislation, Green Acres revised the ranking system used to evaluate state land projects based on water resource features, biodiversity, and other relevant factors. The Department has awarded over 96.8 million in loans for 25 land acquisition projects from 2001 through 2012, contributing to the acquisition of over 4500 acres of land. Additional information about Clean Water Financing for open space preservation is available on the Department's website at <http://www.state.nj.us/dep/dwq/cwpl.htm> and <http://www.nj.gov/dep/greenacres/>.

##### *Green Acres Program*

The Green Acres Program was created in 1961 to meet New Jersey's growing recreational and conservation needs. As the principal land acquisition agent for the Department, Green Acres acquires land for state parks, forests, natural areas, and wildlife management areas. The Program also provides matching grants and low interest (two percent) loans to municipal and county governments, and matching grants to nonprofit organizations to acquire open space and develop outdoor recreational facilities. To date Green Acres has protected more than 673,173 acres of open space and developed hundreds of parks, bringing the statewide system of preserved open space and farmland to more than 1.47 million acres. While the protection of water resources through land preservation has been a goal of Green Acres since its inception, the legislation further focuses Green Acres preservation efforts on lands that protect important water resources. Additional information about New Jersey's Green Acres Program is available on the Department's website at: <http://www.nj.gov/dep/greenacres/>. The New Jersey Open Space Preservation Funding Amendment, Public Question No. 2 was placed on the November 4, 2014 ballot by the New Jersey Legislature as a constitutional amendment, which was approved and enacted. The measure was designed to dedicate 6 percent of corporate business tax revenues to open space, farmland, and historic preservation. The tax allocation will last from 2016 to 2045.

Acquiring available, ecologically sensitive lands along the Barnegat Bay and its tributaries is Action Item 5 from the Governor's ten-point action plan, as it is a cost-effective and critical measure to further prevent degradation to the Bay's water and ecological quality. Green Acres has acquired over 3,350 acres in the Barnegat Bay watershed alone since 2011. Many of the land acquisitions include additions to State wildlife management areas. Continuing actions include targeting and additional 1,015 acres in the watershed for future acquisition.

#### **4.6: Source Water Assessment**

The 1996 Amendments to the Safe Drinking Water Act required all states to establish a Source Water Assessment Program (SWAP). The purpose of SWAP is to provide for the protection and benefit of public water systems and to increase public awareness and involvement in protecting the sources of public drinking water. New Jersey's SWAP Plan incorporates the following four fundamental steps:

- Determine the source water assessment area of each ground and surface water source of public drinking water.
- Inventory the potential contamination sources within the source water assessment area.
- Determine the public water system sources' susceptibility to regulated contaminants.
- Incorporate public education and participation.

Source water assessments provide the foundation for source water protection. Source water protection focuses on preserving and protecting the public drinking water source, particularly from the contaminants to which the source is most vulnerable, as identified in the source water assessments. The information developed from the SWAP provides communities with the tools necessary to begin protecting their valuable drinking water source. Additional information about the Source Water Assessment Program is available on the Department's website at <http://www.nj.gov/dep/swap/index.html>.

#### **4.7: Water Education and Engagement of Partners**

In recognition that some water pollution problems, such as nonpoint source pollution, require approaches other than the traditional regulatory approach (i.e., discharge permits with numeric effluent limitations), the Department administers a cadre of regulatory programs and initiatives for water quality restoration, protection, and enhancement. In addition, some of the Department's water pollution control programs also employ non-regulatory elements, such as education and outreach, either in lieu of, or in tandem with, other permit requirements. The Department also administers a number of water-focused public education and outreach programs.

##### *AmeriCorps NJ Watershed Ambassadors Program*

The New Jersey Department of Environmental Protection began hosting the AmeriCorps New Jersey Watershed Ambassadors Program (NJWAP) in September of 2000 under an AmeriCorps State contract with the Corporation for National and Community Service. By working with local

communities, the NJWAP promotes capacity building by raising public awareness about water quality and watershed issues through direct community involvement. AmeriCorps members are each assigned to one of New Jersey’s 20 Watershed Management Areas (WMA) and work with “host” agencies to serve as "Watershed Ambassadors" to their watershed communities. Additional information about the NJWAP, along with a current list of ambassadors and host agencies, is available on the Department’s web page at <http://www.nj.gov/dep/wms/bears/ameri-corps.htm>.

AmeriCorps NJ Watershed Ambassadors train and work with community volunteers to monitor the waters in their community using state and federally-approved visual and biological monitoring techniques. AmeriCorps New Jersey Watershed Ambassadors also visit schools and community organizations to share information and educate the community about water and watershed issues in New Jersey and to encourage students and residents to become involved in protecting their watershed. The Program works to improve water quality by exploring relationships between people and the environment, nurturing community-based environmental activities, and empowering residents to make responsible and informed decisions regarding their watershed to reduce NPS pollution.

Each year, the NJWAP commits to completing a set of objectives that serve to raise awareness of the importance of individual actions in controlling NPS, build capacity at the local level to assess water quality condition and directly accomplish source control projects. The objectives may be revised from year to year, but remain focused on NPS control. In support of stormwater management and NPS abatement, during 2014 AmeriCorps New Jersey Watershed Ambassadors accomplished the following:

<b>Commitments:</b>	<b>Accomplishments:</b>
1000 Presentations	1286 Presentations to over 15,000 people
10,000 Volunteer Monitoring Hours	10,556 hours generated
700 Stream Assessments	720 assessments completed
60 Volunteer Monitoring Trainings	64 Trainings Conducted
80 Partnership Projects	87 projects completed
5 Acres Parks/Public Land Improved	30 Acres Improved
3 Tons of Materials Recycled	3 Tons Materials Recycled
5 Miles of River Improved	11 Miles of River Improved

- Held 29 partnership projects within local and county parks and state parks, forests and open lands, e.g. cleanups and tree plantings in support of the Department’s Don’t Waste Our Open Space Campaign.
- Collected 1,125 bags of trash and debris resulting in 225 pounds of phosphorus prevented from entering our waterbodies (1 lb. TP prevented from entering waterbody for every five bags of debris collected within ½ mile of a waterbody).
- Conducted 44 cleanups resulting in 11 miles of river improvement (every cleanup held within 1/2 mile of a waterbody result in ¼ mile of restoration to waterbody).



*Community Water Monitoring Program (Citizen Science and Volunteer Monitoring)*

An important element of non-regulatory NPS control is the cumulative effect of the actions of citizens within their communities. Citizens practice water conservation and participate in stream walks, beach cleanups, and other environmental activities sponsored by community-based organizations. By helping out in such efforts, citizens address New Jersey's largest water quality problem, nonpoint source pollution, advancing the goal of making more of our rivers, lakes, and coastal waters safe for swimming, fishing, drinking, and aquatic life.

The Department's Community Water Monitoring Program is the collection of scientific water quality data by concerned citizens working in partnership with professional scientists and government decision-makers. This valuable data helps determine the ecological condition of local waterbodies as well as identify the causes and sources of water quality impairment. Community water monitoring includes both "citizen science" and "volunteer monitoring" activities. The Program provides opportunities for community engagement through the collection of scientific data that helps determine the ecological condition of local waterbodies, as well as causes and sources of impairment. The information provided by citizen volunteers enables the Department to better understand and evaluate what is happening in watershed and assists policy officials in making more informed decisions to protect public health, conserve sensitive habitats, and preserve the integrity of New Jersey's waterways.

The goal of the Department's Community Water Monitoring Program is twofold. First, it strives to support those organizations whose volunteers are monitoring local streams, rivers, and lakes and collecting data for use locally or for inclusion in the Department's Integrated Water Quality Monitoring and Assessment Report, supplementing the Department's networks. Second, the Program anticipates calling upon such organizations and other volunteers to assist the Department collect data for specific research, monitoring and assessment initiatives.

Volunteer monitoring programs coordinated by conservation organizations, such as watershed associations, can have objectives that range from educating participants about basic stream ecology and how data are collected and used to assess stream conditions to using scientifically rigorous assessment protocols to collect data that can be incorporated into a national database for use by the Department to make critical policy decisions. Regardless of where on the spectrum the organization's goals lie, the Department's Program can assist with various parts of the effort such as: defining goals; developing Quality Assurance Project Plans; training volunteers; managing and submitting data (in coordination with the EPA); and networking and collaborating with other organizations statewide. Citizen scientists can monitor for:

- physical conditions (e.g., flow, temperature, electrical conductivity)
- biological conditions (e.g., macroinvertebrate community, bacteria, chlorophyll-a),
- chemical characteristics (e.g. nutrients, metals) of water bodies, and
- perform visual observations of habitat or assess the abundance and diversity of living creatures in the aquatic environment.

Citizen scientists have been and will continue to be called upon to assist with key program initiatives. The model for this was the intensive monitoring program undertaken in support of the Barnegat Bay 10 Point Action Plan, described further below. Going forward, a specific geographic area or resource may be targeted by the Department for further research or data collection. Under this template, the Department anticipates the need for additional resources and staff to accomplish targeted monitoring and will call upon its partners, including the volunteer monitoring programs, to be the “boots on the ground” locally collecting data, monitoring existing or changing conditions and reporting to the Department. Participating by volunteers in these citizen science projects can provide critical data that are then used for water resource protection, conservation, and restoration efforts.

Other Departmental education and outreach programs aimed at improving water quality are:

- The *Clean Water Rangers* publications offer educators free teaching materials and other resources for their students as well as background information on watersheds and nonpoint source pollution.
- “[Project WET](http://www.projectwet.org/)” (Water Education for Teachers at <http://www.projectwet.org/>) is an international program that offers teachers a better understanding of the world’s water resources through hands-on, multi-disciplinary lessons. Through teacher workshops on multiple curriculum activity guides related to water resources, NJ Project WET teaches about the importance and value of water in our everyday life while offering specialized programs about New Jersey’s water resources and watersheds.
- The [Urban Watershed Education Program](http://www.state.nj.us/dep/dsr/urbanfishing/) educates young students living in New Jersey’s urban estuaries about the hazards of eating contaminated fish and helps them to enjoy and respect their local water resources by focusing on healthier fishing and shellfishing alternatives in their community. This intensive four-day program gives students the opportunity to experience their local waters first-hand through storm drain marking, water monitoring, aquatic biology, and fishing activities. (See <http://www.state.nj.us/dep/dsr/urbanfishing/> for more information.)
- [Clean Water New Jersey](http://www.cleanwaternj.org) is aimed at reducing nonpoint source pollution carried by stormwater runoff by encouraging New Jersey citizens to change behavior that results in water pollution. The campaign includes television commercials, radio ads, posters, a website, and educational brochures. The Clean Water NJ website ([www.cleanwaternj.org](http://www.cleanwaternj.org)) provides information to the general public about “stormwater pollution” and what citizens can do to help reduce it in their homes, cars, and communities. The website also provides links to educational resources for teachers and for the general public.
- “[SEEDS](http://www.nj.gov/dep/seeds)” is the Department’s nationally acclaimed website, the “State Environmental Education Directory”, which provides educational materials and links to additional educational resources on many environmental topics, including water pollution, conservation, and stewardship. Additional information about SEEDS is available on the Department’s website at <http://www.nj.gov/dep/seeds>.

- [AmeriCorps New Jersey Watershed Ambassadors Program](http://www.state.nj.us/dep/wms/bears/americorps.htm) goals are to promote watershed stewardship through education and direct community involvement, and to monitor stream health through performing visual and biological assessments. Individual AmeriCorps members are assigned to each of New Jersey's 20 watershed management areas to serve as "Watershed Ambassadors" to their watershed communities. More detail including how to contact your local ambassador may be found at <http://www.state.nj.us/dep/wms/bears/americorps.htm>.

#### 4.8: Regional Water Quality Initiatives

A number of regional initiatives have been formulated to address issues important within those regions. Planning, regulatory, and non-regulatory measures aim to identify and respond to water quality issues in each:

- **Highlands Region Water Resource Protection Program:** The purpose of the Highlands Water Protection and Planning Act (Highlands Act) is to preserve an essential source of clean and plentiful drinking water for one-half of the State's population, and to protect the State's great diversity of natural resources. The Highlands Act establishes a Highlands Preservation Area (Preservation Area) and a Highlands Planning Area (Planning Area), each of roughly 400,000 acres. Additional information about the Highlands Act and its implementation is available on the Department's website at <http://www.nj.gov/dep/highlands/>.
- **Pinelands Protection Program:** The Pinelands National Reserve (PNR) was created by Congress under the [National Parks and Recreation Act of 1978](#). The PNR is the first National Reserve in the nation. The PNR encompasses approximately 1.1 million acres covering portions of seven counties and all or parts of 56 municipalities. The Pinelands Preserve occupies 22% of New Jersey's land area. It is the largest body of open space on the Mid-Atlantic seaboard between Richmond and Boston and is underlain by aquifers containing 17 trillion gallons of some of the purest water in the land. The Pinelands Comprehensive Management Plan sets forth the regulations and standards designed to promote orderly development of the Pinelands so as to preserve and protect the region's significant and unique ecology and natural resources. The Plan is administered by the New Jersey Pinelands Commission. Additional information is available on the Pinelands Commission website at <http://www.state.nj.us/pinelands/index.shtml>.
- **New Jersey Meadowlands:** The New Jersey Meadowlands, also known as the Hackensack Meadowlands, is the largest system of wetlands in New York/New Jersey Harbor Estuary. It contains the largest (8,400 acres) remaining brackish wetland complex in the New York - New Jersey Harbor Estuary. The New Jersey Meadowlands stretch along the terminus of the Hackensack and Passaic Rivers as they flow into Newark Bay, encompassing a range of aquatic ecosystems including fresh water, brackish, and saltwater environments. The Meadowlands Regional Commission (MRC) is the zoning and planning agency for a 30.4 square-mile area of the Meadowlands complex, covering parts of 14 municipalities in Bergen

and Hudson Counties. Additional information about the MRC is available on the Commission's website at <http://www.njmeadowlands.gov/home>.

- **Barnegat Bay Partnership (BBP):** The Barnegat Bay Partnership (BBP), operates the Barnegat Bay National Estuary Program and is a partnership of federal, state, and local interests overseeing the development and implementation of a management plan for the entire Barnegat Bay watershed. Additional information about the Barnegat Bay Partnership (BBP), including actions, projects, programs, and publications, is available on the BBP website at <http://bbp.ocean.edu>.
- **The Delaware Estuary Program (Partnership for the Delaware Estuary):** The Delaware Estuary Program activities are coordinated by the Partnership for the Delaware Estuary (PDE). The PDE is charged with addressing the full complement of actions called for in the CCMP. Additional information about the Partnership for the Delaware Estuary (PDE), including actions, projects, programs, and publications, is available on PDE's website at [www.DelawareEstuary.org](http://www.DelawareEstuary.org).
- **New York/New Jersey Harbor Estuary Program (HEP):** The primary focus of the New York/New Jersey Harbor Estuary Program (HEP) is on the core area of the Harbor. Additional information about the New York/New Jersey Harbor Estuary Program (HEP), including actions, projects, programs, and publications, is available on the HEP website at <http://www.harborestuary.org>.

#### 4.9: New Jersey's Wetlands Protection Program

In New Jersey, the chemical, physical, and biological integrity of wetlands is protected under both federal and state laws. Federal protection is provided under sections 303, 401, and 404 of the federal Clean Water Act (the Act). Section 303 provides protection through the antidegradation provisions of the Surface Water Quality Standards. (New Jersey's Surface Water Quality Standards include wetlands in the definition of "surface waters". When USEPA approves the state standards, they become the federal standards for state waters.) Section 401 is designed to allow the state to control any discharges to its waters that may result from the issuance of a federal permit or license, through a certification process. Section 404 addresses and regulates the discharge of dredge and/or fill material into wetlands and other waters of the state. In 1994, New Jersey began implementing its state program in place of the Section 404 program after being granted the authority by USEPA pursuant to Section 404(g) of the Act.

Several New Jersey statutes provide various levels of protection to wetlands, including the Freshwater Wetlands Protection Act (N.J.S.A. 13:9B-1 et seq.), the New Jersey Water Quality Planning Act (N.J.S.A. 588:11A-1) and the New Jersey Water Pollution Control Act (N.J.S.A. 58:10A-1). New Jersey protects coastal resources (including wetlands) under a variety of laws, including the Waterfront Development Law (N.J.S.A. 12:5-3), the Coastal Area Facility Review Act (N.J.S.A. 13:19), and the Wetlands Act of 1970 (N.J.S.A. 13:9A). The Department applies the New Jersey Coastal Permit Program Rules (N.J.A.C. 7:7), the Coastal Zone Management Rules (N.J.A.C. 7:7E), Water Quality Certification (Section 401), and Federal Consistency

Determinations (Section 307 of the Federal Coastal Zone Management Act) to determine permitted uses and development of coastal resources. Specific protection is provided for New Jersey tidal wetlands through the Wetlands Act of 1970. Additional information about the Department's Wetlands Programs is available on the Department's website at <http://www.nj.gov/dep/landuse/fww.html>.

#### *4.10: Wetlands Monitoring, Assessment and Research*

The Department, in collaboration with Rutgers University, has been undertaking research focusing on quantitative wetland biological assessment methods. A goal of this research is to explore development of a wetlands index of biotic integrity (IBI) for New Jersey. To date, research has focused on riparian forested wetlands, primarily vegetative species, and macroinvertebrates, including possibly linking to the Department's macroinvertebrate monitoring network for streams. Reports will be available on the Department's web site at <http://www.state.nj.us/dep/dsr/wetlands> once they receive final approval.

In June 2010, the Department was awarded a new USEPA Wetlands Program Development Grant entitled, "Developing a Wetland Condition Monitoring Network for New Jersey: Application of New Assessment Methods." This project is currently being implemented and should be completed in 2016. Key outcomes will include:

- A statewide wetland monitoring network for freshwater and tidal wetlands in twelve HUC8 watersheds that complements the first USEPA NARS 2011 National Wetland Condition Assessment;
- Greater watershed protection by providing maps, a classification system, water quality information, and macroinvertebrate data for vulnerable springs as well as ecological integrity assessment of headwater seepage wetlands associated with springs;
- New floristic quality assessment metrics to assess the success of wetland mitigation projects; and
- Informed water allocation permitting decisions based on detailed hydrology, vegetation and soils condition data, and 5) and public investment in assessing, monitoring and protecting significant wetland resources statewide.

Long-term monitoring of coastal wetlands in Barnegat Bay and the Delaware Estuary is being conducted by the Partnership for the Delaware Estuary, Academy of Natural Sciences of Drexel University, Barnegat Bay Partnership, and the USFWS. Surface Elevation Tables (SET) and associated wetland assessments utilizing the Mid-Atlantic Tidal Rapid Assessment Method (MidTRAM) are being employed at a number of sites along the coast to assess the impacts of rising sea level on tidal marsh integrity. In 2014 the EPA awarded funding to the NJDEP to research reference diatom assemblages in sediments of the Barnegat Bay.

The Department's Coastal Management Program established a Coastal Shoreline Resiliency Program to prioritize and implement ecological restoration and protection of coastal wetlands including the creation of living shorelines to protect vegetated shorelines, beaches, and habitat in



the littoral zone of coastal waterways from the effects of erosion due to sea level rise and storm surges.

In January 2014, the USEPA approved the Department's December 2013 New Jersey Wetland Program Plan 2014-2018 that addresses five core elements, 1) Monitoring and Assessment; 2) Regulation; 3) Voluntary Wetland Restoration, Creation, Enhancement and Protection and Improved Coastal Shoreline Resiliency; 4) Water Quality Standards for Wetlands; and 5) Public Outreach and Education. The first four are defined by USEPA; the fifth element was added by the Department to elevate the importance of cross-program coordination in wetlands monitoring. Detailed information is provided in the Program Plan, which is available on USEPA's website at [http://water.epa.gov/type/wetlands/upload/njdep-wpp\\_2014-2018.pdf](http://water.epa.gov/type/wetlands/upload/njdep-wpp_2014-2018.pdf).

#### **4.11: Water Compliance and Enforcement**

Compliance and enforcement plays a critical role within the Department by deterring violations that would otherwise threaten our environment and the health of New Jersey's citizens. The Department seeks innovative ways to provide incentives, information, and assistance to the regulated community and the interested public to encourage compliance and environmental stewardship. The Department's Division of Water Compliance and Enforcement is responsible for ensuring compliance with the State's water programs, with a particular focus on inspections of wastewater discharge and community drinking water supply facilities. The Department employs site inspections and detailed reviews of reported information to ascertain compliance and takes administrative actions, levies penalties, and where necessary, works cooperatively with criminal prosecutors, to ensure compliance.

In 1990, the Legislature enacted substantial amendments to the Water Pollution Control Act (WPCA), commonly known as the Clean Water Enforcement Act, P.L. 1990, c. 28 (CWEA). The CWEA requires the Department to inspect permitted facilities and municipal treatment works at least annually. Additional inspections are required when the permittee is identified as a significant noncomplier. The CWEA also requires the assessment of mandatory minimum penalties for violations of the WPCA that are considered serious violations and for violations by permittees designated as significant noncompliers. The CWEA requires the Department to submit a report on the implementation of the CWEA's requirements to the Governor and the Legislature by March 31 of each year. The statute also specifies the items that the Department must include in the report. The Department has organized the required information into several categories, including Permitting, Enforcement, Delegated Local Agencies, Criminal Actions, Fiscal, and Water Quality Assessment. Copies of these CWEA reports are available on the Department's website at <http://www.nj.gov/dep/enforcement/report-cwea.html>. Additional information about the Water Compliance and Enforcement is also available on the Department's website at <http://www.nj.gov/dep/enforcement/water.html>.

#### **4.12: Water Quality Assurance Program**

The Office of Quality Assurance (OQA) administers the Department's Quality Assurance Program, which is required by USEPA to ensure that environmental data used by the Department is generated, compiled, and reviewed using specific quality assurance/quality control (QA/QC)

procedures. These procedures help to ensure that data is of documented quality and suitable for its intended use. OQA is responsible for developing and implementing the Department's Quality Management Plan (QMP) <http://www.nj.gov/dep/oqa/qap.html>, which defines the Department's mission and planned quality assurance work outputs for the forthcoming fiscal years. The QMP documents the Department's environmental principles and objectives, organizational responsibilities, and policies and procedures for the generation, compilation, review, and use of data of documented quality. The QMP was written to conform to the requirements outlined in the USEPA document, "EPA Requirements for Quality Management Plans", EPA QA/R-2. March 2001. USEPA requires that states receiving federal grants have a QMP with quality assurance work outputs as promulgated in Title 40 Code of Federal Regulations Parts 31 and 35. The Code of Federal Regulations lists both general and specific requirements for a state's environmental program and acceptable quality assurance (QA) for federally funded programs.

OQA is also responsible for certifying that the laboratories that analyze data used by the Department operate using appropriate quality control measures and analytic methods. OQA certifies over 800 laboratories granting nearly 125,000 certifications each year. Certification is available in ambient water quality as well as drinking water, wastewater, soils, solid/hazardous waste, and sludge and air for microbiological, toxicity, inorganic, organic, radon, radiochemical, and biological properties. Most Department programs requiring the collection of data require the use of a certified laboratory for data analysis. Certification is offered through both the State Environmental Laboratory Certification Program and the state-run National Environmental Laboratory Accreditation Program.

The Office of Quality Assurance (OQA) offers certification for environmental testing laboratories to ensure that regulatory decisions made by federal, state, and municipal government agencies are based upon accurate and dependable analytical data. The OQA certifies laboratories in 36 states, Canada and overseas, and offers certification in: Drinking Water, Solid and Hazardous Waste, Air, Wastewater, Non-potable Water, and Radon. For more information on the Department's Water Quality Assurance program, visit the Department's website at <http://www.nj.gov/dep/oqa>.

#### **4.13: Ground Water Quality Monitoring and Protection Programs**

While the focus of the federal Clean Water Act is the protection of surface waters, New Jersey's Water Quality Planning Act and Water Pollution Control Act explicitly require protection of ground water quality, primarily as a source of potable water supplies. The primary goal of New Jersey's ground water quality programs is to provide safe drinking water, as required under the federal Safe Drinking Water Act (see also Source Water Protection Programs).

##### *Ground Water Quality Standards*

The New Jersey Ground Water Quality Standards (GWQS), N.J.A.C. 7:9C, establish the designated uses of the State's ground waters, classify ground waters based on those uses, and specify the water quality criteria and other policies and provisions necessary to attain those designated uses. Ground water quality criteria are numerical values assigned to each constituent (pollutant) discharged to ground waters of the State. The GWQS also contain technical and

general policies to ensure that the designated uses can be adequately protected. Ground water is classified according to its hydrogeologic characteristics and designated uses. Designated uses are assigned as primary or secondary uses of ground water and include maintenance of special ecological resources, provision of, and conversion to potable water, agricultural and industrial water supply, and other reasonable uses. For all ground waters of the State, the GWQS assign designated uses of the ground water within each classification (see N.J.A.C. 7:9C- 1.5), and establish numerical water quality criteria to support those uses (see N.J.A.C. 7:9C-1.7). The GWQS also establish antidegradation policies (see N.J.A.C. 7:9C-1.8), which are designed to protect the existing and designated uses of the State's ground waters.

The GWQS provide the objectives for regulatory and non-regulatory actions to protect and restore ground water quality, including NJPDES discharge to ground water permits and site remediation projects that must restore ground water quality to meet established ground water quality criteria. Ground water quality criteria are derived using the same human health risk assessments as drinking water maximum contaminant limits established pursuant to the federal Safe Drinking Water Act. More detailed information about the GWQS is available on the Department's website at <http://www.state.nj.us/dep/wms/bears/gwqs.htm>.

### *Ground Water Quality Monitoring*

The Ambient Ground Water Quality Monitoring Network (AGWQMN) is a cooperative effort by the Department and USGS that monitors and provides information about land use-related nonpoint source contaminant effects on shallow ground water quality in the New Jersey. This information is important because this water recharges deeper aquifers used for potable water supplies and provides base flow to local streams and wetlands. Goals of the AGWQMN are to: (1) assess ground water quality status, (2) assess ground water quality trends, (3) evaluate contaminant sources, and (4) identify emerging water quality issues. The New Jersey Geological Survey (NJGS) is responsible for network design, well installation, well maintenance, collection of ground water samples, interpretation of data, and publication of reports. The Department and the USGS collect ground water samples at 150 wells and data are analyzed by USGS. Key parameters include pH, specific conductivity, dissolved oxygen, temperature, alkalinity, major ions, trace elements, nutrients, gross-alpha particle activity, volatile organic compounds (VOC), and pesticides. Samples are drawn just below the water table and generally represent relatively young groundwater. Wells are sampled, 30 per year, on a 5-year cycle. The first sampling cycle was completed between 1999 and 2003, and the second between 2004 and 2009. Assessment results for the Ambient Ground Water Quality Monitoring Network are available on the NJGS website at <http://www.nj.gov/dep/njgs/enviroed/infocirc/ambient.pdf>. Preliminary results of more recent ground water quality monitoring network are provided in Appendix F.

In addition to ambient ground water quality, the Department also conducts sampling of private wells pursuant to the New Jersey Private Well Testing Act. Approximately 400,000 private wells (about 13 percent of New Jersey residents) are used for drinking water in New Jersey, which are not subjected to federal regulation. New Jersey requires sampling of private wells when property is sold or leased. Wells statewide are required to be tested for bacteria (total coliform, fecal coliform, and *E. coli*), nitrates, lead, and 26 volatile organic compounds. All samples are raw

water collected prior to any treatment. More details, along with monitoring results, are provided in Appendix F.

#### 4.14: Air Quality Control

Airborne pollutants from human and natural sources can deposit back onto land and waterbodies, sometimes at great distances from the source, and can be an important contributor to declining water quality. Pollutants in waterbodies that may originate in part from atmospheric sources include nitrogen compounds, sulfur compounds, mercury, pesticides, and other toxics. Both human and natural processes can lead to air pollution. Human sources include the combustion of fossil fuels for power generation and transportation, the release of chemical byproducts from industrial and agricultural processes, and the incineration of waste. Natural processes that can release substantial amounts of pollutants into the air include volcanoes and forest fires.

Airborne pollution can fall to the ground in precipitation, in dust, or simply due to gravity. This type of pollution is called “atmospheric deposition” or “air deposition”. Pollution deposited from the air can reach water bodies in two ways. It can either be deposited directly onto the surface of the water (direct deposition) or be deposited onto land and be carried to water bodies through run off (indirect deposition). Once these pollutants are in the water, they can have undesirable health and environmental impacts, such as contaminated fish, harmful algal blooms, and unsafe drinking water.

Addressing water quality impacts from atmospheric deposition of toxics and nitrogen is an increasingly important challenge since these pollutants can adversely impact both human health and the environment. Atmospheric deposition is a major contributor to the overall loading of mercury to U.S. waters. Nationally, mercury is the most frequently listed reason for fish consumption advisories. As of December 1999, 41 States had issued fish advisories for mercury. Additionally, atmospheric deposition of nitrogen contributes to eutrophication in a significant number of our coastal watersheds. According to EPA, roughly 10-40% of the nitrogen that reaches East and Gulf Coast estuaries is transported and deposited via the atmosphere.

## Chapter 5: Special State Concerns and Recommendations - Barnegat Bay

The New Jersey Legislature passed the Barnegat Bay Act in 1987 (P.L. 1987, c. 397) requiring a study of the nature and extent of extensive the impacts that development was causing on the bay. The work of the Barnegat Bay Study Group resulted in a three-part study of Barnegat Bay, which included a profile, management recommendations, and a Watershed Management Plan for the Bay. In July 1995, USEPA accepted the nomination of the Barnegat Bay into the National Estuary Program (NEP).<sup>35</sup> As part of the NEP, USEPA was required to coordinate the development of a Comprehensive Conservation and Management Plan (CCMP) to restore and protect the ecological health and biological integrity and diversity of the Barnegat Bay Estuary. In 1997, the Barnegat Bay National Estuary Program was renamed the “Barnegat Bay Partnership”. The Final CCMP for the Barnegat Bay Estuary was approved in May 2002.

<sup>35</sup> Barnegat Bay Partnership Web site at <http://bbp.ocean.edu/pages/131.asp>

The Barnegat Bay Partnership (BBP) completed two Strategic Plans through a collaborative effort between federal, state, and local partners to identify program priorities and refocus partnership efforts on implementing the CCMP. The 2008-2011 Strategic Plan identified the following five priorities:

- 1) Improving and strengthening working relationships and partnerships to focus on priority issues;
- 2) Understanding of the bay's condition and addressing the causes of water quality degradation within the ecosystem, especially eutrophication in the bay and stormwater and nonpoint source pollution in the watershed;
- 3) Addressing water supply and flow issues;
- 4) Preventing habitat loss, especially of submerged aquatic vegetation, and supporting habitat restoration; and
- 5) Improving understanding of, and addressing, fisheries declines.<sup>36</sup>

The 2012-2016 Strategic Plan builds on the progress made under the first and refines the priorities as:

- 1) Improve water quality throughout Barnegat Bay by focusing on causes of water quality degradation, especially eutrophication, stormwater, and other sources of pollution;
- 2) ensure adequate water supplies and water flow for ecological and human uses that will support a sustainable watershed; protect, restore, and enhance habitats, especially submerged aquatic vegetation, marshes, shellfish, and large terrestrial tracts;
- 3) Protect, restore and enhance healthy populations of finfishes, shellfishes, and other wildlife by increasing our understanding of the dynamics of fish communities and other biota; and
- 4) Identify and promote holistic and collaborative approaches to land-use planning, and practices that will improve soil function and hydrology that will restore and enhance water quality and quantity.<sup>37</sup>

On December 9, 2010, the Governor of New Jersey announced the Barnegat Bay Action Plan to address the ecological health of the 660-square-mile Barnegat Bay watershed. Based on the issues identified in the CCMP and a broader stakeholder process, the Action Plan recognizes that there are multiple stressors potentially responsible for the observed conditions of the Bay, including water quality, and identified several areas that would be the focus of immediate action:

- Action Plan Item #1: Close Oyster Creek Nuclear Power Plant
- Action Plan Item #2: Fund Stormwater Runoff Mitigation Projects
- Action Plan Item #3: Reduce Nutrient Pollution from Fertilizer
- Action Plan Item #4: Require Post-Construction Soil Restoration
- Action Plan Item #5: Acquire Land in the Watershed
- Action Plan Item #6: Special Area Management Planning

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<sup>36</sup> Ibid.

<sup>37</sup> Ibid.



- Action Plan Item #7: Adopt More Rigorous Water Quality Standards
- Action Plan Item #8: Educate the Public
- Action Plan Item #9: Fill in the Gaps on Research
- Action Plan Item #10: Reduce Water Craft Impacts

There has been growing concern about the health of the Bay based on observed loss of sea grasses such as eelgrass and widgeon grass, collectively referred to as submerged aquatic vegetation (SAV), episodic blooms of macro algae and brown tides, decline of hard clams, and increasing numbers of invasive species such as sea nettles. The full suite of stressors and biological, chemical, and physical processes responsible for these observations is not entirely known. Alteration of the shoreline, hydrologic modification, resource harvesting, boating, the effects of the Oyster Creek nuclear generation facility, and declining water quality are all suspected causes.

*Action Plan Items #7 and #9:*

Numeric water quality standards already exist for some parameters in estuarine waters; and on December 21, 2010, the Department adopted narrative nutrient criteria for coastal waters. However, developing numeric translators for narrative nutrient criteria is a complex and challenging task that not yet been completed. To develop narrative criteria translators and to determine if existing numeric criteria are protective of designated uses in the Barnegat Bay requires a better understanding of the complex processes that define water quality in the Bay. To that end, and in support of Action Item 7, the Department launched a comprehensive ambient water quality monitoring initiative in the Bay on June 6, 2011. The Department engaged multiple partners to carry out New Jersey's most comprehensive water quality monitoring project to date, generating over 5,000 water samples collected over a two-year period.

The monitoring initiative was designed to determine the locations and extent of water quality impairments, and to calibrate and validate modeling tools used to define the relationship between pollutants loads and water quality. These relationships will be used in combination with the findings of ecological research conducted under Action Item 9. Ten research projects are expected to provide information that will clarify linkages between water quality and the health of the various plant and animal communities that define the health of the Bay. This information will be used to interpret the narrative criteria and to determine if new or revised numeric water quality criteria are appropriate for Barnegat Bay. The new water quality data being generated under Action Items #7 and #9 will also be used to establish the baseline conditions of the Bay and to assess these conditions against current water quality standards and confirm the nature and extent of water quality impairment. This assessment will direct action, including possible establishment of a TMDL, needed to restore water quality in the Bay.

Additional information and the current status of Action Item 7 is available on the Department's website at <http://www.state.nj.us/dep/barnegatbay/plan-wqstandards.htm>. Information and status regarding all ten Action Items is available on the Department's website at <http://www.state.nj.us/dep/barnegatbay/index.htm>.

*Action Plan Item #3: Fertilizer Law*

One of the primary sources of nutrients in New Jersey's waters is stormwater runoff from residential and commercial lawns containing fertilizer. Generally, excess nitrogen is a threat to coastal water (estuaries) quality while excess phosphorus is a greater concern for fresh water quality.<sup>38</sup> Both nutrients are also important for plant growth and health.

In 2007, the Department began working with the lawn care industry to voluntarily reduce the content of phosphorus in fertilizer by 50%. New Jersey's 2009-2010 Annual Nonpoint Source Report documented a statewide phosphorus reduction of 172,000 pounds per year (lbs/yr) in federal fiscal year 2008, which is mainly attributed to the Department's "Healthy Lawns Healthy Water" campaign, in conjunction with 319(h) nonpoint source pollution control grant projects. The New Jersey Department of Agriculture also reported a declining trend in tons of fertilizer used between 2008 and 2012, based on New Jersey fertilizer sales data. See [http://www.soildistrict.org/wp-content/uploads/2012/07/Fertilizer\\_Law\\_A2290\\_QuickFacts.pdf](http://www.soildistrict.org/wp-content/uploads/2012/07/Fertilizer_Law_A2290_QuickFacts.pdf).

On January 5, 2011, the fertilizer reduction initiative was elevated to a new level when Governor Chris Christie, in support of Barnegat Bay Action Item No. 3, signed into law one of the most restrictive fertilizer content standards in the nation for nitrogen and phosphorus. The New Jersey Fertilizer Law (P.L.2010, c. 112) is implemented in three phases. Phase I became effective when the law was signed and requires the use of best management practices to reduce the impacts of fertilizers on waterways, along with public education regarding correct fertilizer use. Phase 2 commenced in 2012 with the creation of a certification program for professional fertilizer applicators and lawn care providers. To date, over 1,500 professionals have been tested and are certified through the New Jersey Agricultural Experiment Station at Rutgers, the State University of New Jersey. An additional 700 staff and seasonal employees have been trained by a certified professional. Phase III began in 2013 and requires manufacturers to reformulate fertilizers with reduced nitrogen and zero phosphorus content, except in certain situations such as when establishing a new lawn or turf, or when a soil test indicates a need for additional phosphorus. (This requirement is not applicable to home gardens.) Additional information about the fertilizer law and its implementation is available on the Department's website at <http://www.nj.gov/dep/healthylawnshealthywater/>.

Additional accomplishments under the Barnegat Bay Action Plan include:

- Tens of millions of dollars made available to local governments for stormwater infrastructure upgrades;
- Ten research projects resulting in the most comprehensive compilations of research on any estuary, including studies on water quality, harmful algae blooms, assessments of fish and crabs, and ways to reduce stinging sea nettles;
- New Jersey's first comprehensive water monitoring network for both fresh and marine water quality;

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<sup>38</sup> Rutgers, New Jersey Agricultural Experiment Station, Cooperative Extension. [Quick Facts: 2011 New Jersey Fertilizer Law. http://snyderfarm.rutgers.edu/pdfs/Fertilizer\\_Law\\_A2290\\_QuickFacts.pdf](http://snyderfarm.rutgers.edu/pdfs/Fertilizer_Law_A2290_QuickFacts.pdf).

- Preservation of more than 3,000 acres of open space in the watershed and a state commitment to acquire 30,000 acres over the next several decades;
- Green boater sweeps to educate boaters about the need to protect ecologically sensitive areas, such as shellfish growing areas, shorebird nesting areas and submerged aquatic vegetation;
- The nation's toughest law regarding restrictions on lawn fertilizers that cause runoff that degrades water quality across the state;
- A commitment by Exelon Corp. to decommission the Oyster Creek nuclear reactor in Lacey Township by the end of 2019.

## Chapter 6: Cost/Benefit Analysis

Although the value of water quality protection is hard to quantify, it is obvious that water quality conditions impact the dollars expended on water-related activities such as recreational boating, swimming, and fishing; dollars generated by commercial fisheries, including shellfish, and the seafood industry; as well as the economic benefit generated by jobs, housing, retail sales, and tourism associated with these industries. Good water quality provides economic benefits associated with recreation, tourism, and marine industries, as well as the resultant tax revenues, and reduces the costs of treatment required to meet drinking water standards for potable water supplies; therefore, protecting, restoring, and maintaining water quality in all our waterways has a direct and positive impact on the State's economy.

While water of adequate quality and quantity is important for all types of ecosystems, it is particularly important for aquatic ecosystems. Aquatic ecosystems provide a number of long-term economic benefits to society, including ecosystem "services" such as temporary storage of floodwaters by wetlands, water purification from wetlands, and numerous others. In 2007, the Department estimated the economic value of New Jersey's aquatic ecosystems at more than 19 billion dollars (see Table 6.1).<sup>39</sup> These estimated values make it clear that water of a quality and quantity sufficient to support these ecosystems in a state of healthy functioning is an essential part of a natural environment that provides extremely large economic benefits to New Jersey.

**Table 6.1: Annual Ecosystem Service Values for Aquatic Ecosystems in New Jersey**

Ecosystem Type	Total Acres as of 2002	Ecosystem Service Value (2009 \$/acre/yr)	Ecosystem Service Value (2009 \$/yr)
Freshwater wetlands	814,479	\$13,141	\$10,703,270,530
Estuaries	455,700	\$13,238	\$6,032,469,106
Saltwater wetlands	190,520	\$6,965	\$1,326,936,744
Coastal shelf	299,835	\$1,476	\$442,455,715
Beaches/dunes	7,837	\$47,879	\$375,227,660
Open fresh water	86,232	\$869	\$74,939,057
Riparian buffers	15,146	\$3,842	\$58,190,205
<b>Total</b>	<b>1,869,749</b>		<b>\$19,013,489,018</b>

In 2008, the Department estimated the cost of protecting New Jersey's water resources from nonpoint sources alone as more than 17 billion dollars – the highest in the nation. In 2012, the Department calculated over 21 billion dollars in total clean water needs for New Jersey. These numbers were derived from the Clean Watersheds Needs Survey (CWNS) conducted every four

<sup>39</sup> NJDEP. Valuing New Jersey's Natural Capital: An Assessment of the Economic Value of the State's Natural Resources. April 2007. <http://www.nj.gov/dep/dsr/naturalcap>. Table 7.1 is based on data from Table 4 of Part II this report. Dollar amounts were converted from 2004 to 2009 dollars using the change in the Consumer Price Index for All Urban Consumers published by the U.S. Department of Labor's Bureau of Labor Statistics at <http://www.bls.gov/cpi/>.

years pursuant to CWA Sections 205(a) and 516. The 2012 figure is draft and not final until USEPA submits the Clean Water Needs Survey 2012 Report to Congress later this year. The CWNS is a comprehensive assessment of the capital needs required to meet the CWA's water quality goals. Under the CWNS, USEPA and states collect information about publicly owned wastewater collection and treatment facilities, stormwater and combined sewer overflows (CSOs) control facilities, nonpoint source (NPS) pollution control projects, and decentralized wastewater management. This information includes estimated needs (costs) to address water quality impairment or public health concerns related to water quality. USEPA compiles the CWNS results to document national needs in its Report to Congress. The report provides Congress, as well as state legislatures, with information to assist their budgeting efforts. The data are also used to help measure environmental progress, provide information to the public, and to assist local and state governments implement water quality programs.

New Jersey's 2008 CWNS utilized the Innovative Method option offered by USEPA. This approach included: demonstrating needs utilizing TMDLs, 303(d) Listings, and regulations; choosing best management practices (BMPs) appropriate to address the identified needs (i.e., constructed wetlands, porous pavement, peak reduction, rain gardens and Special Water Resource Protection Area projects); determining an eligible cost for each BMP (USEPA required three actual costs or engineering estimates for each BMP); and applying the needs/costs statewide. USEPA required that information and costs be provided on a HUC 14 subwatershed basis, based on appropriate land uses. Regional costs were adjusted by utilizing location factors. Additional information about the CWNS is available on USEPA's website at <http://water.epa.gov/scitech/datait/databases/cwns/index.cfm> and at the Department's website at <http://www.nj.gov/dep/dwq/cwns.htm>.

For the 2012 draft Clean Water Needs Survey results for New Jersey, the largest cost percent was associated with total wastewater treatment and conveyance needs as well as combined sewer overflow needs at 42% or 16.8 billion dollars. While these cost estimates may seem overwhelming, the economic benefits, as documented above, far outweigh the costs, as shown in Table 7.1. Improved water quality, achieved through the investments identified in the CWNS, will result in an increase in the number of recreational freshwater fishing licenses issued by the State, increased marine fishing and shellfish harvesting, and a decrease in closures at New Jersey's ocean and bay beaches; all of which provide economic benefits associated with recreation, tourism, and marine industries, as well as the resultant tax revenues. The reduction in combined sewer overflows discharge to New Jersey's waterbodies will improve both aquatic life and recreational designated uses of these waters. The Clean Water Needs Survey is made final upon USEPA's submittal of their *Report to Congress*.

Additional economic benefit is realized from the natural services that help protect and maintain water quality in New Jersey's, including wetlands; marine ecosystems; forests; urban green space; beaches and dunes; agricultural land, cropland, and pasture; and open fresh water and riparian buffers, all of which contribute to ecosystem services ("ecoservices") such as temporary storage of flood waters by wetlands, long-term storage of greenhouse gases in forests, dilution and assimilation of wastes by rivers, recreational opportunities, and numerous others. All of these services provide economic value to human beings and offset the significant costs borne for their protection.



## Chapter 7: Public Participation

The Integrated Report combines the reporting requirements of Sections 305(b) and 303(d) of the federal Clean Water Act. The Integrated List component of the Report, which categorizes the results of use assessments for all the State's assessment units as fully supporting, not supporting, or insufficient information, satisfies the reporting requirements of Section 305(b) formerly addressed by the Statewide Water Quality Inventory Report. The 303(d) List component of the Report, which satisfies the reporting requirements of Section 303(d), includes the assessment units identified as not supporting one or more designated uses, the pollutants causing non-support of those assessment units, and their priority ranking for TMDL development. The requirements identified in this section regarding public participation, USEPA approval, and adoption apply only to the 303(d) List component of the Integrated Report.

The Department is required under 40 CFR 130.7(b)(6) to provide a description of the methodology used to develop the 303(d) List. This Methods Document lays out the framework for assessing data and categorizing assessment units as fully supporting, not supporting, or insufficient information for the Integrated List. The Department develops a draft Methods Document that is made available for public review and comment through public notification, as outlined below. After finalizing the Methods Document, the Department assesses the data in accordance with those methods and develops the Integrated Report, which includes the draft Integrated List, draft 303(d) List, and two-year TMDL Schedule. A public notice is published in the New Jersey Register announcing that the draft Integrated List and draft 303(d) List are available for public review and comment. The Integrated List and 303(d) List are revised, as appropriate, after full consideration of comments received. The public is afforded the opportunity to participate in three key phases of development of the Integrated List: 1) submission of data, 2) review of and comment on the proposed assessment methods; and 3) review of and comment on the proposed Integrated List and 303(d) List. These phases are summarized below.

### Summary of the Public Participation Process for the 2014 Integrated List

#### *Public Submission of Data*

Public participation begins with a public request for data submissions. The Department provides several avenues for announcing its intent to seek water quality data from the general public, including publication of a notice in the New Jersey Register, posting on the Department's website, and electronic announcement sent to subscribers of the Department's Listservs (see the Department's website at <http://www.nj.gov/dep/wms/subscribe.htm>). A [public notice](#) regarding data submittal requirements for the 2014 303(d) List and Integrated Report was published in the New Jersey Register on February 19, 2013 (see 45 N.J.R. 378(a)). The public notice (and other notifications) specified that, for the 2014 Integrated Report, the Department was seeking data collected by December 31, 2012 that met all Department data requirements, was collected in compliance with a Department-approved (and signed) Quality Assurance and Quality Control Plan, was available to the public (i.e., not proprietary in nature), and was submitted electronically via the Department's Water Quality Data Exchange (WQDE) System or through USEPA's Water Quality Exchange (WQX) system. The deadline for submitting data for consideration in the development of the 2014 Integrated Report was July 1, 2013.

In determining which data were appropriate and “readily available” for assessment purposes, the Department considered quality assurance/quality control, monitoring design, age of data, accurate sampling location information, data documentation, and use of electronic data management. Data requirements are discussed in detail in Chapter 3 of the 2014 Methods Document. Data that was rejected for quality concerns or other reasons are identified in Appendix E: Data Sources for the 2014 Integrated Report. The Department continues to work with data-generating organizations to organize their data, provide training in acceptable sampling techniques, and certify laboratories and field measurement protocols.

#### *Public Review of Draft Documents*

Once the Department has completed its review of the data submitted by other entities and incorporates the results as appropriate, the Department provides an opportunity for public review of the Integrated Water Quality Monitoring and Assessment Methods Document and the Draft Integrated List. The Department publishes a notice in the New Jersey Register and on the Department website announcing the availability of these documents for public review and comment. Adjacent states, federal, and interstate agencies are also notified, as appropriate.

#### 2014 Methods Document:

On July 21, 2014, the Department published a public notice (see 46 N.J.R. 1719(c)) announcing availability for review of the draft 2014 Integrated Water Quality Monitoring and Assessment Methods Document. This document includes a description of the quality assurance requirements as well as the rationale for the placement of waterbodies on the Integrated List. The public comment period ended on August 20, 2014. After review and consideration of comments received, the Department will publish the final 2014 Methods Document concurrent with the draft 2014 303(d) List) in the New Jersey Register and on the Department’s website at [http://www.state.nj.us/dep/wms/bears/2014\\_integrated\\_report.htm](http://www.state.nj.us/dep/wms/bears/2014_integrated_report.htm).

#### 2014 303(d) List:

The Department is required to propose the 303(d) List of Water Quality Limited Waters (303(d) List) as an amendment to the Statewide Water Quality Management Plan, provide an opportunity for public comment, and adopt the amendment in accordance with N.J.A.C. 7:15-6.4. A public notice announcing the availability for review of the draft 2014 303(d) List, as a component of the 2014 Integrated Report, will be published in the New Jersey Register and on the Department’s website at [http://www.state.nj.us/dep/wms/bears/2014\\_integrated\\_report.htm](http://www.state.nj.us/dep/wms/bears/2014_integrated_report.htm), followed by a 30-day public comment period. After the public comment period closes, the 2014 303(d) List and the Integrated Report will be revised as needed to address comments submitted by USEPA and other commenters, and will be submitted to USEPA for formal approval. Upon receiving approval from USEPA, the 2014 303(d) List will be adopted as an amendment to the Statewide Water Quality Management Plan pursuant to N.J.A.C. 7:15-6, a public notice announcing the adoption will be published in the New Jersey Register, and the final versions of the 2014 303(d) List and Integrated Report will be published on the Department’s website.

## Appendices

### **Appendix A: Designated Use Assessment Results**

*2014 Final Integrated List of Waters (Integrated List) – Sublists 1-5*

*Changes in Designated Use Assessment Results from 2012 IR*

*2014 Final Parameter Assessment Results, Statewide*

### **Appendix B: Causes of Use Non-support (Water Quality Impairment)**

*2014 Final 303(d) List of Water Quality Limited Waters (303(d) List) with Sublist 5 Subparts and Priority Ranking for TMDL Development*

*Agency Responses to Public Comments*

*2014 Final Two-Year Schedule for Total Maximum Daily Load (TMDL) Development*

*Source(s) of Parameter(s) Causing Use Impairment (Sublists 4 and 5)*

*Assessment Unit/Pollutant Combinations Addressed by a USEPA-approved TMDL (Sublist 4A)*

### **Appendix C: Causes Removed from Sublists 4 or 5**

*2014 Final Causes Removed from Sublist 5/303(d) List (Delisted Waters, with Reasons and Explanations)*

*2014 Final Causes Removed from Sublist 4 (with Reasons and Explanations)*

### **Appendix D: Causes Not Added to Sublist 5/303(d)**

*2014 Final Decisions to Not List Causes on the 2014 303(d) List/Sublist 5 (Waters Not Listed, with Reasons and Explanations)*

*2014 Final Justification for pH Not Listed Due to Natural Conditions*

### **Appendix E: Data Sources for the 2014 Integrated Report**

### **Appendix F: Ground Water Quality Monitoring Results**

*Ambient Ground Water Quality Monitoring Network (1999-2008)*

*New Jersey Private Well Testing Results*

### **Appendix G: New Jersey's Vision Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program**

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
15	02040302020030-01	Absecon Creek (AC Reserviors) (gage to SB)	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
15	02040302020040-01	Absecon Creek (below gage)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
15	02040302020010-01	Absecon Creek NB	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
15	02040302020020-01	Absecon Creek SB	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301160110-01	Albertson Brook / Gun Branch	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Not Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting
18	02040202120060-01	Almonesson Creek	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
14	02040301160010-01	Alquatka Branch	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105120110-01	Ambrose Brook (above/incl Lake Nelson)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040302940020-01	Atl Coast(Corson to Townsends In)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
12	02030104920020-01	Atl Coast(Navesink R to WhalePond)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040303060201-01	Atl Coast(off Cape May Pt)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
12	02030104920010-01	Atl Coast(Sandy H to Navesink R)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
12	02030104090090-01	Atl Drainage ( Shark R - Deal Lk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302050020-01	Babcock Creek (GEHR)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105030050-01	Back Brook	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
14	02040301200070-01	Ballanger Creek	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105150050-01	Barclay Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
13	BarnegatBay07	Barnegat Bay Central Bottom	Insufficient Data	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	BarnegatBay06	Barnegat Bay Central East	Insufficient Data	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	BarnegatBay05	Barnegat Bay Central West	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	Insufficient Data	N/A	Insufficient Data	N/A	Fully Supporting	Insufficient Data
13	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Fully Supporting	Insufficient Data
17	02040206090010-01	Barrett Run (above West Ave)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
19	02040202060040-01	Barton Run (above Kettle Run Road)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
19	02040202060050-01	Barton Run (below Kettle Run Road)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301200060-01	Bass River (below WB / EB)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
14	02040301200050-01	Bass River EB	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
14	02040301200040-01	Bass River WB	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
14	02040301150010-01	Batsto River (above Hampton Gate)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data



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14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
10	02030105100120-01	Bear Brook (above Trenton Road)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105100130-01	Bear Brook (below Trenton Road)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105080020-01	Bear Creek	Fully Supporting	Fully Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
19	02040202060060-01	Bear Swamp River	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
14	02040301200010-01	Beaver Branch (Wading River)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
01	02040105100030-01	Beaver Brook (above Hope Village)	Fully Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105100040-01	Beaver Brook (below Hope Village)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
08	02030105020050-01	Beaver Brook (Clinton)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
06	02030103030110-01	Beaver Brook (Morris County)	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202160040-01	Beaver Creek (Oldmans Creek)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
02	02020007010060-01	Beaver Run	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	02040301040010-01	Beaverdam Creek	Not Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data
10	02030105110040-01	Beden Brook (above Province Line Rd)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105110050-01	Beden Brook (below Province Line Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
03	02030103070010-01	Belcher Creek (above Pinecliff Lake)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103070020-01	Belcher Creek (Pinecliff Lake & below)	Fully Supporting	Fully Supporting	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206180040-01	Berryman Branch (Menantico Creek)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Not Supporting	N/A	Insufficient Data	N/A	N/A	Not Supporting
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
16	02040206230010-01	Bidwell Creek (above Rt 47)	Not Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
12	02030104070030-01	Big Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040104140010-01	Big Flat Brook (above Forked Brook)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Fully Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
01	02040104140030-01	Big Flat Brook (Kittle Rd to Forked Bk)	Insufficient Data	Insufficient Data	Fully Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting

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18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202150070-01	Birch Creek	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
06	02030103010060-01	Black Brook (Great Swamp NWR)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103020070-01	Black Brook (Hanover)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201080030-01	Blacks Creek (below Bacons Run)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Insufficient Data	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105050020-01	Blair Creek	Fully Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
14	02040301160100-01	Blue Anchor Brook	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
19	02040202070010-01	Bobbys Run	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
12	02030104080030-01	Branchport Creek	Not Supporting	N/A	Not Supporting	Insufficient Data	Not Supporting	Not Supporting
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
20	02040201040010-01	Brindle Lake and above (Jumping Brook)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Fully Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206170040-01	Buckshutem Creek (above Rt 555)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Not Supporting	N/A	Fully Supporting	Not Supporting	Not Supporting	Not Supporting
14	02040301170050-01	Bull Creek / Little Bull Creek	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
08	02030105060020-01	Burnett Brook (above Old Mill Rd)	Fully Supporting	Insufficient Data	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
08	02030105020060-01	Cakepoulin Creek	Fully Supporting	Fully Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
06	02030103010140-01	Canoe Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206070030-01	Canton Drain (above Maskell Mill)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
17	02040206070040-01	Canton Drain (below Maskell Mill)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting

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16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Insufficient Data
16	02040302080050-01	Cape May Courthouse tribs	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Insufficient Data
17	02040206180020-01	Cedar Branch (Menantico Creek)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
10	02030105100080-01	Cedar Brook (Cranbury Brook)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206060030-01	Cedar Brook / Carlisle Run	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301090030-01	Cedar Creek (74-16-38 to Chamberlain Br)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206100040-01	Cedar Creek (above Rt 553)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
13	02040301090060-01	Cedar Creek (below GS Parkway)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	Not Supporting	Insufficient Data
17	02040206100050-01	Cedar Creek (below Rt 553)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
13	02040301130040-01	Cedar Run	Not Supporting	N/A	Insufficient Data	Not Supporting	Not Supporting	Insufficient Data
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	Not Supporting	Insufficient Data
13	02040301090020-01	Chamberlain Branch	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105070020-01	Chambers Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206160020-01	Chatfield Branch (Mill Creek)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
12	02030104060010-01	Cheesequake Creek / Whale Creek	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
18	02040202130030-01	Chestnut Branch (above Sewell)	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
12	02030104060040-01	Chingarora Creek to Thorns Creek	Not Supporting	N/A	Not Supporting	Insufficient Data	Not Supporting	Not Supporting
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
14	02040301200090-01	Clarks Mill Stream	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Fully Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Not Supporting
01	02040104090020-01	Clove Brook (Delaware R)	Not Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Not Supporting
02	02020007020060-01	Clove Brook (Papakating Ck)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206080010-01	Cohansey R (above Beals Mill)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206090100-01	Cohansey R (below Greenwich)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data

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17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Not Supporting	N/A	Insufficient Data	Fully Supporting	Not Supporting	Not Supporting
08	02030105050060-01	Cold Brook	Fully Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
17	02040206060010-01	Cool Run	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
18	02040202110030-01	Cooper River (above Evesham Road)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202110060-01	Cooper River (below Rt 130)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202110010-01	Cooper River NB (above Springdale Road)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202110020-01	Cooper River NB (below Springdale Road)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Not Supporting	N/A	Insufficient Data	Not Supporting	Insufficient Data	Not Supporting
20	02040201090010-01	Crafts Creek (above Rt 206)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201090020-01	Crafts Creek (below Rt 206)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Not Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Not Supporting
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Insufficient Data
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
10	02030105110090-01	Cruser Brook / Roaring Brook	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
03	02030103100060-01	Crystal Lake/Pond Brook	Not Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
09	02030105120070-01	Cuckels Brook	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105040010-01	Culvers Creek	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
13	02040301080040-01	Davenport Branch (below Pinewald Road)	Fully Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
06	02030103010080-01	Dead River (above Harrisons Brook)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
06	02030103010100-01	Dead River (below Harrisons Brook)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104090030-01	Deal Lake	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
09	02030105160010-01	Deep Run (above Monmouth Co line)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
17	02040206060040-01	Deep Run (Alloway)	Insufficient Data	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
09	02030105160040-01	Deep Run (below Rt 9)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302040120-01	Deep Run (GEHR)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
04	02030103120060-01	Deepavaal Brook	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
11	02040105200070-01	Del R -Lambertville to Bulls Island	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105060020-01	Delawanna Creek (incl UDRV)	Not Supporting	Not Supporting	Insufficient Data	Not Supporting	N/A	Not Supporting
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
01	Delaware River 2	Delaware River 1C	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
01	Delaware River 8	Delaware River 1D	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
11	Delaware River 14	Delaware River 1E	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
20	Delaware River 15	Delaware River 2	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	Delaware River 16	Delaware River 3	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
18	Delaware River 17	Delaware River 4	Not Supporting	N/A	Insufficient Data	N/A	N/A	Not Supporting
17	Delaware River 18	Delaware River 5	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
06	02030103030120-01	Den Brook	Not Supporting	Insufficient Data	Insufficient Data	Not Supporting	N/A	Insufficient Data
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Not Supporting	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Not Supporting
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Not Supporting	N/A	Fully Supporting	Fully Supporting	Insufficient Data	Not Supporting
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Fully Supporting	N/A	Fully Supporting	Not Supporting	Insufficient Data	Not Supporting
10	02030105100110-01	Devils Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
16	02040206230030-01	Dias Creek	Not Supporting	N/A	Insufficient Data	Not Supporting	Insufficient Data	Not Supporting
13	02040301130070-01	Dinner Point Creek & tribs	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
17	02040206110050-01	Dividing Creek (above Mill Creek)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206110060-01	Dividing Creek (below Mill Creek)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Insufficient Data	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201060030-01	Doctors Creek (below Allentown)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301060050-01	Dove Mill Branch (Toms River)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Fully Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
08	02030105010020-01	Drakes Brook (below Eyland Ave)	Fully Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Insufficient Data
01	02040105040020-01	Dry Brook	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
10	02030105090080-01	Duck Pond Run	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data



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09	02030105160030-01	Duhernal Lake / Iresick Brook	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Fully Supporting	Fully Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
05	02030103170050-01	Dwars Kill	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
16	02040206210060-01	East Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Not Supporting
18	02040202130050-01	Edwards Run	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
07	02030104020010-01	Elizabeth R (above I-78)	Insufficient Data	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Not Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data
13	02040301090040-01	Factory Br / Newbolds Br / Daniels Br	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data	N/A	Insufficient Data
08	02030105030010-01	First Neshanic River	Not Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Not Supporting	N/A	Fully Supporting	Not Supporting	Insufficient Data	Not Supporting
01	02040104150020-01	Flat Brook (below Tillman Brook)	Fully Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	Fully Supporting	Fully Supporting	Not Supporting	Insufficient Data	N/A	Insufficient Data
01	02040104140020-01	Forked Brook / Parker Brook	Insufficient Data	Insufficient Data	Fully Supporting	Insufficient Data	N/A	Insufficient Data
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Fully Supporting	N/A	Not Supporting	Fully Supporting	Not Supporting	Insufficient Data
13	02040301110010-01	Forked River NB (above old RR grade)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301110020-01	Forked River NB (below old RR grade)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
15	02040302030030-01	Four Mile Branch (GEHR)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301130010-01	Four Mile Branch (Mill Creek)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
02	02020007010030-01	Franklin Pond Creek	Insufficient Data	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
19	02040202050040-01	Friendship Creek (above Burrs Mill Bk)	Fully Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
01	02040105090050-01	Furnace Brook	Not Supporting	Insufficient Data	Insufficient Data	Not Supporting	N/A	Not Supporting
17	02040206030050-01	Game Creek (above Rt 48)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
17	02040206030070-01	Game Creek (below Rt 48)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Insufficient Data
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data

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15	02040302030010-01	GEHR (above New Freedom Rd)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302050100-01	Gibson Creek / Jackson Creek	Fully Supporting	N/A	Fully Supporting	Fully Supporting	Not Supporting	Insufficient Data
04	02030103120050-01	Goffle Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301210040-01	Great Bay	Insufficient Data	N/A	Insufficient Data	N/A	Fully Supporting	Insufficient Data
14	02040301210050-01	Great Bay tribs	Not Supporting	N/A	Insufficient Data	N/A	Fully Supporting	Insufficient Data
06	02030103010030-01	Great Brook (above Green Village Rd)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
06	02030103010050-01	Great Brook (below Green Village Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
09	02030105130010-01	Great Ditch / Pigeon Swamp	Insufficient Data	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Insufficient Data	Not Supporting	Not Supporting	Insufficient Data	N/A	Insufficient Data
09	02030105120130-01	Green Bk (below Bound Brook)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206140030-01	Green Branch / Endless Branch	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Not Supporting	N/A	Insufficient Data	Not Supporting	Insufficient Data	Not Supporting
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Insufficient Data
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
06	02030103020030-01	Greystone / Watnong Mtn tribs	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
14	02040301160160-01	Gun Branch	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting

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05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Insufficient Data	N/A	Insufficient Data	N/A	N/A	Not Supporting
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Not Supporting	N/A	Not Supporting	N/A	N/A	Not Supporting
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Insufficient Data	N/A	Fully Supporting	N/A	N/A	Not Supporting
11	02040105170020-01	Hakihokake Creek	Fully Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302070070-01	Halfway Creek	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data
14	02040301170010-01	Hammonton Creek (above 74d43m)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206170010-01	Hankins Pond trib (Millville)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
02	02020007010050-01	Hardistonville tribs	Not Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Insufficient Data
11	02040105170030-01	Harihokake Creek (and to Hakihokake Ck)	Not Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206060070-01	Harmony trib (Alloway Creek)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting
13	02040301070020-01	Harris Branch / Bordens Mill Branch	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
06	02030103010090-01	Harrisons Brook	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
19	02040202060030-01	Haynes Creek (below Lake Pine)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301020030-01	Haystack Brook	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
10	02030105110010-01	Heathcote Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
06	02030103030100-01	Hibernia Brook	Insufficient Data	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
02	02020007040040-01	Highland Lake/Wawayanda Lake	Insufficient Data	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
05	02030103180020-01	Hirshfeld Brook	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105040030-01	Holland Brook	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
11	02040105170010-01	Holland Twp (Hakihokake to Musconetcong)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105100020-01	Honey Run	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104070010-01	Hop Brook	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206060100-01	Hope Creek / Artificial Island	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data

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15	02040302040030-01	Hospitality Br (Piney HollowRd to Rt538)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
05	02030101170030-01	Hudson River (lower)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
05	02030101170010-01	Hudson River (upper)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
17	02040206130030-01	Indian Branch (Scotland Run)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
14	02040301170090-01	Indian Cabin Creek	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206090020-01	Indian Fields Branch / Jackson Run	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206150040-01	Indian Run (Muddy Run)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
09	02030105130040-01	Ireland Brook	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
01	02040105050030-01	Jacksonburg Creek	Fully Supporting	Insufficient Data	Fully Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	Insufficient Data	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
19	02040202050070-01	Jade Run	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301080070-01	Jakes Branch (Lower Toms River)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104090050-01	Jumping Brook (Monmouth Co)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201040040-01	Jumping Brook (Ocean Co)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Insufficient Data	N/A	Insufficient Data	Not Supporting	Not Supporting	Insufficient Data
19	02040202060010-01	Kettle Run (above Centennial Lake)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
07	02030104010020-01	Kill Van Kull West	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
11	02040105170070-01	Kingwood Twp(Rt 519 to Warford Ck)	Fully Supporting	Insufficient Data	Fully Supporting	Insufficient Data	N/A	Insufficient Data
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105040040-01	Lafayette Swamp tribs	Not Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
20	02040201050010-01	Lahaway Ck (above Prospertown)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
01	02040105150020-01	Lake Hopatcong	Not Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Not Supporting
01	02040105040030-01	Lake Kemah tribs	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105070010-01	Lake Lenape trib	Insufficient Data	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302050110-01	Lakes Creek (GEHR)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
08	02030105050010-01	Lamington R (above Rt 10)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	Fully Supporting	Insufficient Data	Not Supporting	Insufficient Data	N/A	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Fully Supporting	Fully Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
14	02040301170100-01	Landing Creek (above Rt 563)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	Not Supporting	Insufficient Data
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	Insufficient Data	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
17	02040206160010-01	Lebanon Branch (Mill Creek)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	Insufficient Data	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
13	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	Insufficient Data	N/A	Insufficient Data	N/A	Fully Supporting	Insufficient Data
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
14	02040301210030-01	Little Bay & tribs	Insufficient Data	N/A	Insufficient Data	N/A	Fully Supporting	Insufficient Data
19	02040202060070-01	Little Creek (above Bear Swamp River)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
19	02040202060090-01	Little Creek (below Bear Swamp River)	Fully Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
17	02040206120010-01	Little Ease Run (above Academy Rd)	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
17	02040206120020-01	Little Ease Run (below Academy Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Fully Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Fully Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Insufficient Data
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Fully Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Insufficient Data
11	02040105240050-01	Little Shabakunk Creek	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Insufficient Data	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
18	02040202120070-01	Little Timber Creek (Gloucester City)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
06	02030103010040-01	Loantaka Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
11	02040105200010-01	Locketong Ck (above Rt 12)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data

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11	02040105200030-01	Lockatong Ck (below Milltown) incl UDRV	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
11	02040105200020-01	Lockatong Ck (Milltown to Rt 12)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
12	02030104080050-01	Long Branch direct Atlantic drainage	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301080080-01	Long Swamp Creek	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	BarnegatBay09	Lower Little Egg Harbor Bay	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
19	02040202080060-01	LRDV trib- Delanco/Edgewater	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Fully Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Fully Supporting	Fully Supporting	Insufficient Data	Not Supporting	N/A	Insufficient Data
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
18	02040202120120-01	Main Ditch / Little Mantua Creek	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
15	02040302040100-01	Makepeace Stream (above Makepeace Lake)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
06	02030103020060-01	Malapardis Brook	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	BarnegatBay08	Manahawkan Bay and Upper Little Egg Harbor	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
13	02040301070080-01	Manapaqua Brook	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Not Supporting	N/A	Not Supporting	N/A	Not Supporting	Insufficient Data
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Not Supporting
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data	Not Supporting	Insufficient Data
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206040010-01	Mannington Creek	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
18	02040202130010-01	Mantua Creek (above Rt 47)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
18	02040202130060-01	Mantua Creek (below Edwards Run)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
17	02040206190030-01	Manumuskin River (below Rt 49)	Fully Supporting	N/A	Fully Supporting	Not Supporting	Not Supporting	Not Supporting



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17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
13	02040301060040-01	Maple Root Branch (Toms River)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302060020-01	Maple Run / Mill Br (Zion Rd to Cardiff rd)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
12	02030104100040-01	Marsh Bog Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040104090010-01	Mashipacong Island UDRV tribs	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103100020-01	Masonicus Brook	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Not Supporting	N/A	Not Supporting	Not Supporting	Not Supporting	Not Supporting
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301200110-01	Mattix Run (Nacote Creek)	Not Supporting	N/A	Insufficient Data	Not Supporting	Not Supporting	Insufficient Data
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Not Supporting	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
17	02040206140010-01	Maurice River (BlkwrtrBr to/incl WillowGroveLk)	Insufficient Data	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Insufficient Data	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202030070-01	McDonalds Branch	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
09	02030105150020-01	McGellairs Brook (above Taylors Mills)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
09	02030105150030-01	McGellairs Brook (below Taylors Mills)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302070030-01	McNeals Branch (Tuckahoe River)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103070060-01	Meadow Brook / High Mountain Brook	Not Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206180030-01	Menantico Creek (above Rt 552)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206180050-01	Menantico Creek (below Rt 552)	Not Supporting	N/A	Not Supporting	Not Supporting	Not Supporting	Not Supporting
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Not Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105140040-01	Merrill Creek	Not Supporting	Not Supporting	Not Supporting	Insufficient Data	N/A	Not Supporting
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Insufficient Data
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
13	BarnegatBay02	Metedeconk R Estuary	Insufficient Data	N/A	Not Supporting	N/A	Not Supporting	Insufficient Data
13	02040301020010-01	Metedeconk R NB (above I-195)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data

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13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting	N/A	Not Supporting
13	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301080020-01	Michaels Branch (Wrangel Brook)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206200010-01	Middle Branch / Slab Branch	Insufficient Data	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
09	02030105120180-01	Middle Brook	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
08	02030105060080-01	Middle Brook (NB Raritan River)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
09	02030105120050-01	Middle Brook EB	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
09	02030105120060-01	Middle Brook WB	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
15	02040302050120-01	Middle River / Peters Creek	Not Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting
09	02030105120150-01	Mile Run	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301140010-01	Mill Branch (above GS Parkway)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	02040301140020-01	Mill Branch (below GS Parkway)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
06	02030103030080-01	Mill Brook (Morris Co)	Fully Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
09	02030105160080-01	Mill Brook / Martins Creek	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
13	02040301130020-01	Mill Ck (above GS Parkway)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Not Supporting	N/A	Not Supporting	Fully Supporting	Insufficient Data	Not Supporting
17	02040206090040-01	Mill Creek (above/incl Maple House Bk)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206090050-01	Mill Creek (below Maple House Bk)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206110040-01	Mill Creek (Dividing Creek)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
17	02040206160040-01	Mill Creek (lower)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
19	02040202080030-01	Mill Creek (Willingboro)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Not Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Insufficient Data	N/A	Insufficient Data	Fully Supporting	Not Supporting	Insufficient Data
10	02030105100010-01	Millstone R (above Rt 33)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105110170-01	Millstone R (below Amwell Rd)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting

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10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
12	02030104070050-01	Mine Brook (Monmouth Co)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105150090-01	Mine Brook (Morris Co)	Fully Supporting	Fully Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
11	02040105240030-01	Miry Run (Assunpink Cr)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302050070-01	Miry Run (GEHR)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
04	02030103120040-01	Molly Ann Brook	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
06	02030103030160-01	Montville Tribs	Not Supporting	Insufficient Data	Fully Supporting	Fully Supporting	N/A	Insufficient Data
11	02040105210040-01	Moore Creek	Fully Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
07	02030104030010-01	Morses Creek / Piles Creek	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
14	02040301200100-01	Morses Mill Stream	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
19	02040202030030-01	Mount Misery Bk MB/NB (below 74d27m30s)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
19	02040202030020-01	Mount Misery Bk NB (above 74d27m30s dam)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
19	02040202030040-01	Mount Misery Bk SB	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105090040-01	Mountain Lake Brook	Not Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
13	02040301020040-01	Muddy Ford Brook	Fully Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206150070-01	Muddy Run (below Landis Ave)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206150020-01	Muddy Run (incl Palatine Lk to Elmer Lk)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206150060-01	Muddy Run (Landis Ave to Parvin Lake)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
08	02030105020030-01	Mulhockaway Creek	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	Not Supporting	Not Supporting
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
14	02040301160020-01	Mullica River (above Jackson Road)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	Not Supporting	Not Supporting

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
14	02040301210010-01	Mullica River (below GSP bridge)	Insufficient Data	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Insufficient Data	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	Not Supporting	Not Supporting
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Insufficient Data	N/A	Fully Supporting	Not Supporting	Not Supporting	Not Supporting
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	Not Supporting	Not Supporting
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	Fully Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105160070-01	Musconetcong R (below Warren Glen)	Fully Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	Fully Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105160030-01	Musconetcong R (Rt 31 to Changewater)	Fully Supporting	Fully Supporting	Fully Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Fully Supporting	Fully Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105150110-01	Musconetcong R (Waterloo area)	Insufficient Data	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Not Supporting	Not Supporting	Not Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Not Supporting
17	02040206200020-01	Muskee Creek	Insufficient Data	N/A	Insufficient Data	Not Supporting	Not Supporting	Not Supporting
14	02040301200120-01	Nacote Creek (below/incl Mill Pond)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	Not Supporting	Not Supporting
17	02040206100070-01	Nantuxent Creek (below Newport Landing)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Not Supporting	N/A	Not Supporting	Insufficient Data	Not Supporting	Not Supporting
12	02030104070120-01	Navesink R mouth	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
18	02040202140010-01	Nehonsey Bk / Clonmell Ck (LDRV to MantuaCk)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
14	02040301170070-01	Nergo Creek	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
08	02030105030070-01	Neshanic River (below Black Brk)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Not Supporting
11	02040105230030-01	New Sharon Branch (Assunpink Creek)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Not Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
07	02030104010010-01	Newark Airport Peripheral Ditch	Not Supporting	N/A	Insufficient Data	N/A	N/A	Not Supporting
17	02040206110010-01	Newport Neck (Nantuxent to Beadons Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
17	02040206030020-01	Nichomus Run	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
11	02040105170040-01	Nishisakawick Creek (above 40d 33m)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
11	02040105170050-01	Nishisakawick Creek (below 40d 33m)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
07	02030104050050-01	Nomahegan Brook	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
20	02040201040060-01	North Run (above Wrightstown bypass)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
12	02030104070090-01	Nut Swamp Brook	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Not Supporting
09	02030105130030-01	Oakeys Brook	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
13	02040301070070-01	Old Hurricane Brook (below 74d22m30s)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
19	02040202020020-01	Ong Run / Jacks Run	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206110030-01	Oranoaken Creek	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
14	02040301180020-01	Oswego River (above Rt 539)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Fully Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
14	02040301180070-01	Oswego River (below Andrews Road)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
05	02030103180040-01	Overpeck Creek	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
13	02040301110040-01	Oyster Creek (above Rt 532)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
13	02040301110050-01	Oyster Creek (below Rt 532)	Fully Supporting	N/A	Not Supporting	Fully Supporting	Not Supporting	Insufficient Data
03	02030103050020-01	Pacock Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206150030-01	Palatine Branch (Muddy Run)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206180010-01	Panther Branch (Menantico Creek)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
02	02020007020010-01	Papakating Ck (above Frankford Plains)	Fully Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007020070-01	Papakating Ck (below Pellettown)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
14	02040301180050-01	Papoose Branch (Oswego River)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202140030-01	Pargay Creek	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data

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19	02040202080010-01	Parkers Creek (above Marne Highway)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
12	02030104080020-01	Parkers Creek / Oceanport Creek	Not Supporting	N/A	Not Supporting	Fully Supporting	Not Supporting	Not Supporting
17	02040206080030-01	Parsonage Run / Foster Run	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
05	02030103170010-01	Pascack Brook (above Westwood gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
05	02030103170020-01	Pascack Brook (below Westwood gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Not Supporting	N/A	Fully Supporting	N/A	N/A	Not Supporting
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
01	02040105040060-01	Paulins Kill (above Rt 15)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Not Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Fully Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	Insufficient Data	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Fully Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Not Supporting	Not Supporting	Not Supporting	Insufficient Data	N/A	Insufficient Data
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Not Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Not Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
04	02030103120010-01	Peckman River (above CG Res trib)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data



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04	02030103120020-01	Peckman River (below CG Res trib)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Not Supporting
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
14	02040301150070-01	Penn Swamp Branch	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Insufficient Data	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302030070-01	Penny Pot Stream (GEHR)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Fully Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Not Supporting
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Fully Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103050080-01	Pequannock R (below Macopin gage)	Fully Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Not Supporting	Not Supporting	Insufficient Data	Not Supporting	N/A	Insufficient Data
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Not Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
01	02040105070030-01	Pequest R (above Brighton)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Fully Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105090060-01	Pequest R (below Furnace Brook)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105090020-01	Pequest R (Cemetary Road to Drag Strip)	Fully Supporting	Insufficient Data	Not Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105090030-01	Pequest R (Furnace Bk to Cemetary Road)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	Not Supporting	Fully Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
09	02030105080010-01	Peters Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104060060-01	Pews Creek to Shrewsbury River	Not Supporting	N/A	Not Supporting	Not Supporting	Not Supporting	Not Supporting
17	02040206070090-01	Phillips Creek / Jacobs Creek	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
10	02030105110080-01	Pike Run (above Cruser Brook)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
10	02030105110100-01	Pike Run (below Cruser Brook)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104070080-01	Pine Brook / Hockhockson Brook	Not Supporting	Not Supporting	Not Supporting	Not Supporting	Not Supporting	Insufficient Data
17	02040206090090-01	Pine Mount Creek	Not Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Insufficient Data
14	02040301180030-01	Plains Branch (Oswego River)	Fully Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
08	02030105040020-01	Pleasant Run	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
11	02040105200050-01	Plum Creek	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	Insufficient Data	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data

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01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting	N/A	Not Supporting
13	BarnegatBay01	Point Pleasant Canal and Bay Head Harbor	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
19	02040202030010-01	Pole Bridge Br (above County line)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202090020-01	Pompeston Creek (above Rt 130)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Not Supporting
03	02030103110020-01	Pompton River	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
16	02040206230070-01	Pond Creek / Cape May Canal West	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
11	02040105240040-01	Pond Run	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
01	02040105110010-01	Pophandusing Brook	Fully Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
12	02030104090020-01	Poplar Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	Insufficient Data	Insufficient Data
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Not Supporting	N/A	Not Supporting	Insufficient Data	Not Supporting	Not Supporting
08	02030105050050-01	Pottersville trib (Lamington River)	Fully Supporting	Not Supporting	Not Supporting	Insufficient Data	N/A	Insufficient Data
04	02030103120030-01	Preakness Brook / Naachtpunkt Brook	Not Supporting	Insufficient Data	Not Supporting	Insufficient Data	N/A	Insufficient Data
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Not Supporting
06	02030103010020-01	Primrose Brook	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301160070-01	Pump Branch (above 74d53m road)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
14	02040301160080-01	Pump Branch (below 74d53m road)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
02	02020007030020-01	Quarryville Brook	Insufficient Data	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
18	02040202150010-01	Raccoon Ck (above Clems Run)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Not Supporting
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
18	02040202150030-01	Raccoon Ck SB	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Not Supporting	N/A	Insufficient Data	Fully Supporting	Insufficient Data	Not Supporting
07	02030104050100-01	Rahway River (below Robinsons Branch)	Insufficient Data	N/A	Fully Supporting	N/A	N/A	Not Supporting
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
07	02030104050020-01	Rahway River EB	Insufficient Data	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
07	02030104050090-01	Rahway River SB	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
07	02030104050010-01	Rahway River WB	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Not Supporting
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Not Supporting	Not Supporting	Not Supporting	Insufficient Data	N/A	Insufficient Data
19	02040202080050-01	Rancocas Ck (below Rt 130)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
12	02030104910030-01	Raritan Bay ( deep water)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Insufficient Data	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Piscatwy)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
08	02030105060010-01	Raritan R NB (above/incl India Bk)	Fully Supporting	Insufficient Data	Not Supporting	Insufficient Data	N/A	Insufficient Data
08	02030105070030-01	Raritan R NB (below Rt 28)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Not Supporting	Insufficient Data	Insufficient Data	Not Supporting	N/A	Insufficient Data
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Not Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Fully Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Not Supporting
08	02030105010030-01	Raritan R SB (above Rt 46)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Fully Supporting
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Not Supporting
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Not Supporting
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Not Supporting	Not Supporting	Fully Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Not Supporting
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Not Supporting
17	02040206120040-01	Reed Branch (Still Run)	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	Not Supporting	N/A	Fully Supporting	N/A	Fully Supporting	Insufficient Data
18	02040202140050-01	Repaupo Ck (belowTomlin Sta Rd)/CedarSwamp	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to HarrisBr)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
01	02040105160080-01	Riegelsville (direct Del. R. drainage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
16	02040206210010-01	Riggins Ditch (Moores Beach to East Pt)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
03	02030103070080-01	Ringwood Creek	Insufficient Data	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
08	02030105050100-01	Rockaway Ck SB	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Insufficient Data	Insufficient Data	Not Supporting	Fully Supporting	N/A	Not Supporting
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting

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06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Fully Supporting	Insufficient Data	Fully Supporting	Not Supporting	N/A	Not Supporting
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Insufficient Data	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
06	02030103030010-01	Russia Brook (above Milton)	Insufficient Data	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
06	02030103030020-01	Russia Brook (below Milton)	Fully Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Insufficient Data
02	02020007000010-01	Rutgers Creek tribs	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
04	02030103140040-01	Saddle River (above Ridgewood gage)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
04	02030103140070-01	Saddle River (below Lodi gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206030080-01	Salem Canal	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
17	02040206030010-01	Salem R (above Woodstown gage)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
17	02040206040040-01	Salem R (below Fenwick Creek)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	Insufficient Data	N/A	Not Supporting	Insufficient Data	N/A	Not Supporting
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Not Supporting	N/A	Fully Supporting	N/A	Not Supporting	Not Supporting
16	02040206210050-01	Savages Run (above East Creek Pond)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
17	02040206130010-01	Scotland Run (above Fries Mill)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206130040-01	Scotland Run (below Delsea Drive)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
17	02040206130020-01	Scotland Run (Delsea Drive to FriesMill)	Fully Supporting	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
08	02030105030020-01	Second Neshanic River	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
04	02030103150020-01	Second River	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
11	02040105240010-01	Shabakunk Creek	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
11	02040105240020-01	Shabakunk Creek WB	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Not Supporting
10	02030105100100-01	Shallow Brook (Devils Brook)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data

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13	02040301070010-01	Shannae Brook	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
12	02030104090040-01	Shark River (above Remsen Mill gage)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Not Supporting
12	02030104090060-01	Shark River (below Remsen Mill gage)	Not Supporting	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
01	02040104090030-01	Shimers Brook	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
11	02040105230060-01	Shipetaukin Creek	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
14	02040301190010-01	Shoal Branch (above/incl Pope Branch)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
14	02040301190040-01	Shoal Branch (below Pope Branch)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
12	02030104080040-01	Shrewsbury River (above Navesink River)	Insufficient Data	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
14	02040301150020-01	Skit Branch (Batsto River)	Fully Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
14	02040301160170-01	Sleeper Branch	Insufficient Data	N/A	Fully Supporting	Fully Supporting	N/A	Not Supporting
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
06	02030103010190-01	Slough Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
16	02040206220020-01	Sluice Creek	Insufficient Data	N/A	Insufficient Data	Fully Supporting	Insufficient Data	Not Supporting
09	02030105120080-01	South Fork of Bound Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
15	02040302050030-01	South River (above 39d26m15s)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302050040-01	South River (below 39d26m15s)	Not Supporting	N/A	Not Supporting	Not Supporting	Not Supporting	Insufficient Data
09	02030105160070-01	South River (below Duhernal Lake)	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Not Supporting
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
20	02040201040050-01	South Run (North Run to Jumping Brook)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
05	02030101170020-01	Sparkill Brook	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105040050-01	Sparta Junction tribs	Fully Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105120090-01	Spring Lake Fork of Bound Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
14	02040301150040-01	Springers Brook / Deep Run	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
08	02030105020010-01	Spruce Run (above Glen Gardner)	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105020020-01	Spruce Run (Reservior to Glen Gardner)	Fully Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Not Supporting	Not Supporting	Insufficient Data	Fully Supporting	N/A	Not Supporting
15	02040302030050-01	Squankum Branch (GEHR)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
15	02040302050080-01	Stephen Creek (GEHR)	Not Supporting	N/A	Insufficient Data	Not Supporting	Not Supporting	Not Supporting
17	02040206120030-01	Still Run (above Silver Lake Road)	Fully Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
17	02040206120050-01	Still Run (WillowGroveLk - SilverLakeRd)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data



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03	02030103050070-01	Stone House Brook	Insufficient Data	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	Fully Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	Insufficient Data	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	Fully Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
10	02030105090090-01	Stony Bk- Princeton drainage	Not Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
06	02030103030130-01	Stony Brook (Boonton)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
01	02040105060010-01	Stony Brook (incl UDRV)	Fully Supporting	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105120030-01	Stony Brook (North Plainfield)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206070050-01	Stow Creek (above Jericho Road)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
17	02040206070080-01	Stow Creek (below Canton Rd)	Not Supporting	N/A	Insufficient Data	N/A	Insufficient Data	Not Supporting
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Not Supporting	N/A	Insufficient Data	N/A	Insufficient Data	Not Supporting
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	Fully Supporting	Insufficient Data	Not Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105030020-01	Swartswood Lake and tribs	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Not Supporting
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Not Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Insufficient Data
18	02040202090010-01	Swede Run	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
05	02030103170040-01	Tenakill Brook	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
09	02030105160050-01	Tennent Brook (above 74d 19m 05s)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
09	02030105160060-01	Tennent Brook (below 74d 19m 05s)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
08	02030105030040-01	Third Neshanic River	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
04	02030103150010-01	Third River	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Fully Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
13	BarnegatBay04	Toms R Estuary	Not Supporting	N/A	Not Supporting	N/A	Not Supporting	Not Supporting
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
13	02040301060010-01	Toms River (above Francis Mills)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Fully Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	Fully Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301060070-01	Toms River (Rt 70 to Hope Chapel Road)	Fully Supporting	Fully Supporting	Fully Supporting	Fully Supporting	N/A	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Not Supporting
01	02040105030030-01	Trout Brook	Fully Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
01	02040105070050-01	Trout Brook / Lake Tranquility	Not Supporting	Insufficient Data	Insufficient Data	Fully Supporting	N/A	Not Supporting
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
15	02040302070110-01	Tuckahoe River (below Rt 49)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	Not Supporting	Insufficient Data
15	02040302070120-01	Tuckahoe River (lower)	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Not Supporting	N/A	Insufficient Data	N/A	Not Supporting	Not Supporting
14	02040301190060-01	Tulpehocken Creek	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Insufficient Data	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
01	02040104110020-01	UDRV tribs (Flat Bk to Dingmans Ferry)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
01	02040105110030-01	UDRV tribs (Rt 22 to Buckhorn Ck)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Not Supporting
01	02040105100010-01	Union Church trib	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Insufficient Data
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Not Supporting	N/A	Insufficient Data	N/A	N/A	Not Supporting
01	02040104240010-01	Van Campens Brook	Fully Supporting	Fully Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
12	02030104060050-01	Waackaack Creek	Not Supporting	N/A	Not Supporting	Not Supporting	Not Supporting	Not Supporting
14	02040301200030-01	Wading River (below Rt 542)	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting
14	02040301190020-01	Wading River WB (above Rt 532)	Insufficient Data	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Not Supporting
14	02040301190030-01	Wading River WB (Rt 563 to Rt 532)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Insufficient Data
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Not Supporting	Not Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	Fully Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007010020-01	Wallkill R (Ogdensburg to SpartaStation)	Insufficient Data	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	Fully Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Fully Supporting	Fully Supporting	Fully Supporting	Fully Supporting	N/A	Not Supporting
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Insufficient Data	Not Supporting	Not Supporting	Fully Supporting	N/A	Not Supporting
13	02040301120010-01	Waretown Creek / Lochiel Creek	Insufficient Data	N/A	Insufficient Data	Not Supporting	Insufficient Data	Insufficient Data
15	02040302050010-01	Watering Race Branch (Babcock Creek)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
02	02020007040050-01	Wawayanda Creek & tribs	Not Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
09	02030105150010-01	Weamaconk Creek	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
13	02040301090010-01	Webbs Mill Branch	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
01	02040105150010-01	Weldon Brook/Beaver Brook	Insufficient Data	Not Supporting	Insufficient Data	Insufficient Data	N/A	Insufficient Data
03	02030103070040-01	West Brook/Burnt Meadow Brook	Insufficient Data	Not Supporting	Insufficient Data	Fully Supporting	N/A	Insufficient Data
16	02040206210020-01	West Ck (above Rt 550)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Not Supporting
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Not Supporting	N/A	Fully Supporting	Fully Supporting	N/A	Insufficient Data
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Fully Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Fully Supporting	N/A	Not Supporting	Fully Supporting	Not Supporting	Insufficient Data
12	02030104090010-01	Whale Pond Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
06	02030103020010-01	Whippany R (above road at 74d 33m)	Fully Supporting	Not Supporting	Fully Supporting	Not Supporting	N/A	Insufficient Data
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Not Supporting	Insufficient Data	Not Supporting	Fully Supporting	N/A	Not Supporting
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Not Supporting	Insufficient Data	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Fully Supporting	Fully Supporting	Not Supporting	Not Supporting	N/A	Insufficient Data
17	02040206170020-01	White Marsh Run (Millville)	Fully Supporting	N/A	Insufficient Data	Not Supporting	N/A	Insufficient Data
15	02040302040040-01	White Oak Branch (Hospitality Branch)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Not Supporting	Not Supporting	Not Supporting	Fully Supporting	N/A	Insufficient Data
15	02040302070100-01	Willis Thorofare / Hughes Creek	Insufficient Data	N/A	Insufficient Data	N/A	Not Supporting	Insufficient Data
12	02030104070020-01	Willow Brook	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
14	02040301160040-01	Wisickaman Creek	Not Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
07	02030104050110-01	Woodbridge Creek	Insufficient Data	N/A	Insufficient Data	N/A	N/A	Not Supporting
18	02040202120100-01	Woodbury Creek (above Rt 45)	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Not Supporting	N/A	Insufficient Data	Fully Supporting	N/A	Not Supporting
13	02040301080010-01	Wrangel Brook (above Michaels Branch)	Fully Supporting	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Not Supporting	N/A	Not Supporting	Not Supporting	N/A	Insufficient Data
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data

WMA	Assessment Unit Number	Assessment Unit Name	Aquatic Life - General	Aquatic Life - Trout	Recreation	Water Supply	Shellfish	Fish Consumption
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Not Supporting	N/A	Not Supporting	Not Supporting	Not Supporting	Not Supporting
02	02020007020020-01	Wykertown tribs (Papakating Creek)	Insufficient Data	N/A	Fully Supporting	Insufficient Data	N/A	Insufficient Data
01	02040105050040-01	Yards Creek	Not Supporting	Not Supporting	Insufficient Data	Insufficient Data	N/A	Not Supporting
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Not Supporting	N/A	Not Supporting	Fully Supporting	N/A	Insufficient Data
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Not Supporting	N/A	Not Supporting	Insufficient Data	N/A	Insufficient Data
14	02040301180010-01	Yellow Dam Branch	Not Supporting	N/A	Fully Supporting	Not Supporting	N/A	Insufficient Data

This table shows AUs whose designated uses assessments changed from Not Supporting on the 2012 Integrated List to Fully Supporting or Insufficient Information on the 2014 Integrated List but the associated parameter

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	Original Listing Station	Prior Assessment Result	New Assessment Result	Delisting Reason	Justification
06	02030103030110-01	Beaver Brook (Morris County)	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0246	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0246 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Temperature	Aquatic Life-General	01439830	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	Temperature exceedances at 01439830 only applies to trout use, general aquatic life use is fully supporting for temperature.
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Phosphorus (Total)	Aquatic Life-Trout	01467359	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	01467359 is non attain for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Dissolved Oxygen	Aquatic Life-Trout	Walkill G	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Walkill G is non attain for DO but in non trout waters. Does not apply to trout use, insufficient data for assessment.
06	02030103030120-01	Den Brook	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0247	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0247 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
08	02030105030010-01	First Neshanic River	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0330	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0330 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01	02040105090050-01	Furnace Brook	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0042	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0042 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Benthic Macroinvertebrates	Aquatic Life-Trout	01403465	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	01403465 is non attain for ph but in non trout waters. Does not apply to trout use, insufficient data for assessment.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	Original Listing Station	Prior Assessment Result	New Assessment Result	Delisting Reason	Justification
11	02040105170030-01	Harihokake Creek (and to Hakhokake Ck)	Phosphorus (Total)	Aquatic Life-Trout	01458300	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	01458300 is non attain for TP but is in non-trout waters, 01458400 in trout waters is fully attaining for TP.
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Phosphorus (Total), Dissolved Oxygen	Aquatic Life-Trout	LR2	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	LR2 is non attain for TP and DO but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Temperature	Aquatic Life-General	AN0065	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	Temperature exceedances at AN0065 only applies to trout use, general aquatic life use is fully supporting for temperature.
06	02030103030160-01	Montville Tribs	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0253,AN0254	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0253 and AN0254 are non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0036	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0036 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Temperature	Aquatic Life-General	01443500	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	Temperature exceedances at 01443500 only applies to trout use, general aquatic life use is fully supporting for temperature.
04	02030103120030-01	Preakness Brook / Naachtpunkt Brook	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0273	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0273 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Phosphorus (Total), Dissolved Oxygen	Aquatic Life-Trout	RA1,01387500	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	RA1 is non attain for DO, 01387500 is non attain for TP(TMDL) but in non trout waters. Does not apply to trout use, insufficient data for assessment.



WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	Original Listing Station	Prior Assessment Result	New Assessment Result	Delisting Reason	Justification
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Benthic Macroinvertebrates	Aquatic Life-Trout	ANO267	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	ANO267 is non attain for benthic macroinvertebrates but in non trout waters. 01387811 and Pompton Lake-03 is non attain (TMDL) for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Temperature, Dissolved Oxygen	Aquatic Life-General	NBRR1	Not Supporting	Fully Supporting	Applicable WQS attained; original basis for listing was incorrect.	Temperature and DO exceedances at NBRR1 only applies to trout use, general aquatic life use is fully supporting for temperature and DO.
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Benthic Macroinvertebrates	Aquatic Life-Trout	AN0352	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AN0352 is non attain for benthic macroinvertebrates but in non trout waters. Does not apply to trout use, insufficient data for assessment.
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	pH	Aquatic Life-Trout	Mecca Lake	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Mecca Lake is non attain for pH but in non trout waters. Does not apply to trout use, insufficient data for assessment.
05	02030103170040-01	Tenakill Brook	Phosphorus (Total)	Aquatic Life-Trout	TB1/2/3/4,DB1	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	TB1/2/3/4, DB1 are non attain for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	Benthic Macroinvertebrates	Aquatic Life-Trout		Not Supporting	Not Applicable	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No trout waters in AU.
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Phosphorus (Total)	Aquatic Life-Trout	Eden Mill Pond,01381498,01381515	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Eden Mill Pond, 01381498, 01381515 are non attain (TMDL) for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	Original Listing Station	Prior Assessment Result	New Assessment Result	Delisting Reason	Justification
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Phosphorus (Total)	Aquatic Life-Trout	Osborne Pond, MCHD-14	Not Supporting	Insufficient Data	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Osborne Pond, MCHD-14 are non attain for TP but in non trout waters. Does not apply to trout use, insufficient data for assessment.

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
15	02040302020030-01	Absecon Creek (AC Reservoirs) (gage to SB)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302020040-01	Absecon Creek (below gage)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302020010-01	Absecon Creek NB	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302020020-01	Absecon Creek SB	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301160110-01	Albertson Brook / Gun Branch	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202120060-01	Almonesson Creek	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Attaining
14	02040301160010-01	Alquatka Branch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105120110-01	Ambrose Brook (above/incl Lake Nelson)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
15	02040302020030-01	Absecon Creek (AC Reservoirs) (gage to SB)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302020040-01	Absecon Creek (below gage)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020010-01	Absecon Creek NB	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020020-01	Absecon Creek SB	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
14	02040301160110-01	Albertson Brook / Gun Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120060-01	Almonesson Creek	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301160010-01	Alquatka Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120110-01	Ambrose Brook (above/incl Lake Nelson)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
15	02040302020030-01	Absecon Creek (AC Reservoirs) (gage to SB)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data
15	02040302020040-01	Absecon Creek (below gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020010-01	Absecon Creek NB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020020-01	Absecon Creek SB	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data
14	02040301160110-01	Albertson Brook / Gun Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120060-01	Almonesson Creek	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301160010-01	Alquatka Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120110-01	Ambrose Brook (above/incl Lake Nelson)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
15	02040302020030-01	Absecon Creek (AC Reserviors) (gage to SB)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020040-01	Absecon Creek (below gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020010-01	Absecon Creek NB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302020020-01	Absecon Creek SB	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160110-01	Albertson Brook / Gun Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202120060-01	Almonesson Creek	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301160010-01	Alquatka Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120110-01	Ambrose Brook (above/incl Lake Nelson)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene, Heptachlor epoxide	Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
11	02040105230010-01	Assumpink Ck (above Assumpink Lake)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
11	02040105240060-01	Assumpink Ck (below Shipetaukin Ck)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105230020-01	Assumpink Ck (NewSharonBr to/incl Lake)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105230050-01	Assumpink Ck (Shipetaukin to Trenton Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105230040-01	Assumpink Ck (TrentonRd to NewSharonBr)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301920010-01	Atl Coast(Barneगत to Surf City)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302940020-01	Atl Coast(Corson to Townsends In)	Insufficient Data	N/A	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	Insufficient Data	N/A	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	Insufficient Data	N/A	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104920020-01	Atl Coast(navesink R to WhalePond)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040303060201-01	Atl Coast(off Cape May Pt)	Insufficient Data	N/A	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104920010-01	Atl Coast(Sandy H to navesink R)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
11	02040105230010-01	Assumpink Ck (above Assumpink Lake)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining
11	02040105240060-01	Assumpink Ck (below Shipetaukin Ck)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
11	02040105230020-01	Assumpink Ck (NewSharonBr to/incl Lake)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
11	02040105230050-01	Assumpink Ck (Shipetaukin to Trenton Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
11	02040105230040-01	Assumpink Ck (TrentonRd to NewSharonBr)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940020-01	Atl Coast(Corson to Townsends In)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104920020-01	Atl Coast(navesink R to WhalePond)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040303060201-01	Atl Coast(off Cape May Pt)	N/A	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104920010-01	Atl Coast(Sandy H to navesink R)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940020-01	Atl Coast(Corson to Townsends In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104920020-01	Atl Coast(navesink R to WhalePond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040303060201-01	Atl Coast(off Cape May Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104920010-01	Atl Coast(Sandy H to navesink R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940020-01	Atl Coast(Corson to Townsends In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104920020-01	Atl Coast(navesink R to WhalePond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040303060201-01	Atl Coast(off Cape May Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104920010-01	Atl Coast(Sandy H to navesink R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104090090-01	Atl Drainage ( Shark R - Deal Lk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302050020-01	Babcock Creek (GEHR)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105030050-01	Back Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
14	02040301200070-01	Ballanger Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105150050-01	Barclay Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	BarnegatBay07	Barnegat Bay Central Bottom	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Attaining	N/A	N/A	N/A
13	BarnegatBay06	Barnegat Bay Central East	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Attaining	N/A	N/A	N/A
13	BarnegatBay05	Barnegat Bay Central West	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Attaining	N/A	N/A	N/A
13	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206090010-01	Barrett Run (above West Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
19	02040202060040-01	Barton Run (above Kettle Run Road)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202060050-01	Barton Run (below Kettle Run Road)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301200060-01	Bass River (below WB / EB)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
14	02040301200050-01	Bass River EB	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090090-01	Atl Drainage ( Shark R - Deal Lk)	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050020-01	Babcock Creek (GEHR)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030050-01	Back Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200070-01	Ballanger Creek	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150050-01	Barclay Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	BarnegatBay07	Barnegat Bay Central Bottom	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay06	Barnegat Bay Central East	N/A	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay05	Barnegat Bay Central West	N/A	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	N/A	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	N/A	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090010-01	Barrett Run (above West Ave)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060040-01	Barton Run (above Kettle Run Road)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
19	02040202060050-01	Barton Run (below Kettle Run Road)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301200060-01	Bass River (below WB / EB)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200050-01	Bass River EB	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining



WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090090-01	Atl Drainage ( Shark R - Deal Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050020-01	Babcock Creek (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030050-01	Back Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200070-01	Ballanger Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150050-01	Barclay Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	BarnegatBay07	Barnegat Bay Central Bottom	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay06	Barnegat Bay Central East	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay05	Barnegat Bay Central West	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090010-01	Barrett Run (above West Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060040-01	Barton Run (above Kettle Run Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
19	02040202060050-01	Barton Run (below Kettle Run Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
14	02040301200060-01	Bass River (below WB / EB)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200050-01	Bass River EB	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302940030-01	Atl Coast(Townsend to Hereford In)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090090-01	Atl Drainage ( Shark R - Deal Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050020-01	Babcock Creek (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030050-01	Back Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301200070-01	Ballanger Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150050-01	Barclay Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay07	Barnegat Bay Central Bottom	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay06	Barnegat Bay Central East	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay05	Barnegat Bay Central West	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090010-01	Barrett Run (above West Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060040-01	Barton Run (above Kettle Run Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060050-01	Barton Run (below Kettle Run Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200060-01	Bass River (below WB / EB)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200050-01	Bass River EB	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
14	02040301200040-01	Bass River WB	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301150010-01	Batsto River (above Hampton Gate)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non- attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non- attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non- attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non- attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
10	02030105100120-01	Bear Brook (above Trenton Road)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
10	02030105100130-01	Bear Brook (below Trenton Road)	Non- attaining	N/A	Non- attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Non- attaining	Non- attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105080020-01	Bear Creek	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202060060-01	Bear Swamp River	Non- attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301200010-01	Beaver Branch (Wading River)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105100030-01	Beaver Brook (above Hope Village)	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100040-01	Beaver Brook (below Hope Village)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
08	02030105020050-01	Beaver Brook (Clinton)	Non- attaining	Non- attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non- attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
06	02030103030110-01	Beaver Brook (Morris County)	Non- attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
18	02040202160040-01	Beaver Creek (Oldmans Creek)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
02	02020007010060-01	Beaver Run	Non- attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
13	02040301040010-01	Beaverdam Creek	Non- attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105110040-01	Beden Brook (above Province Line Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105110050-01	Beden Brook (below Province Line Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103070010-01	Belcher Creek (above Pinecliff Lake)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103070020-01	Belcher Creek (Pinecliff Lake & below)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206180040-01	Berryman Branch (Menantico Creek)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
14	02040301200040-01	Bass River WB	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150010-01	Batsto River (above Hampton Gate)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100120-01	Bear Brook (above Trenton Road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105100130-01	Bear Brook (below Trenton Road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105080020-01	Bear Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060060-01	Bear Swamp River	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200010-01	Beaver Branch (Wading River)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100030-01	Beaver Brook (above Hope Village)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100040-01	Beaver Brook (below Hope Village)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020050-01	Beaver Brook (Clinton)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030110-01	Beaver Brook (Morris County)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160040-01	Beaver Creek (Oldmans Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010060-01	Beaver Run	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301040010-01	Beaverdam Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110040-01	Beden Brook (above Province Line Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110050-01	Beden Brook (below Province Line Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
03	02030103070010-01	Belcher Creek (above Pinecliff Lake)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070020-01	Belcher Creek (Pinecliff Lake & below)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180040-01	Berryman Branch (Menantico Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
14	02040301200040-01	Bass River WB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150010-01	Batsto River (above Hampton Gate)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100120-01	Bear Brook (above Trenton Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
10	02030105100130-01	Bear Brook (below Trenton Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105080020-01	Bear Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060060-01	Bear Swamp River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200010-01	Beaver Branch (Wading River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100030-01	Beaver Brook (above Hope Village)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100040-01	Beaver Brook (below Hope Village)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020050-01	Beaver Brook (Clinton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030110-01	Beaver Brook (Morris County)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160040-01	Beaver Creek (Oldmans Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010060-01	Beaver Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301040010-01	Beaverdam Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110040-01	Beden Brook (above Province Line Rd)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
10	02030105110050-01	Beden Brook (below Province Line Rd)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
03	02030103070010-01	Belcher Creek (above Pinecliff Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070020-01	Belcher Creek (Pinecliff Lake & below)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180040-01	Berryman Branch (Menantico Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
14	02040301200040-01	Bass River WB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150010-01	Batsto River (above Hampton Gate)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100120-01	Bear Brook (above Trenton Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100130-01	Bear Brook (below Trenton Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105080020-01	Bear Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060060-01	Bear Swamp River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200010-01	Beaver Branch (Wading River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100030-01	Beaver Brook (above Hope Village)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100040-01	Beaver Brook (below Hope Village)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020050-01	Beaver Brook (Clinton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030110-01	Beaver Brook (Morris County)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160040-01	Beaver Creek (Oldmans Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
02	02020007010060-01	Beaver Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301040010-01	Beaverdam Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110040-01	Beden Brook (above Province Line Rd)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110050-01	Beden Brook (below Province Line Rd)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070010-01	Belcher Creek (above Pinecliff Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070020-01	Belcher Creek (Pinecliff Lake & below)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180040-01	Berryman Branch (Menantico Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040206230010-01	Bidwell Creek (above Rt 47)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104070030-01	Big Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040104140010-01	Big Flat Brook (above Forked Brook)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040104140030-01	Big Flat Brook (Kittle Rd to Forked Bk)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202150070-01	Birch Creek	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103010060-01	Black Brook (Great Swamp NWR)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103020070-01	Black Brook (Hanover)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
05	02030103180060-01	Berrys Creek (above Paterson Ave)	N/A	Insufficient Data	N/A	N/A	Non-attaining	Non-attaining	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180070-01	Berrys Creek (below Paterson Ave)	N/A	Attaining	N/A	N/A	Non-attaining	Insufficient Data	Non-attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230010-01	Bidwell Creek (above Rt 47)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070030-01	Big Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040104140010-01	Big Flat Brook (above Forked Brook)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040104140030-01	Big Flat Brook (Kittle Rd to Forked Bk)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
18	02040202150070-01	Birch Creek	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010060-01	Black Brook (Great Swamp NWR)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
06	02030103020070-01	Black Brook (Hanover)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230010-01	Bidwell Creek (above Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070030-01	Big Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040104140010-01	Big Flat Brook (above Forked Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040104140030-01	Big Flat Brook (Kittle Rd to Forked Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202150070-01	Birch Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010060-01	Black Brook (Great Swamp NWR)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103020070-01	Black Brook (Hanover)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
16	02040206230010-01	Bidwell Creek (above Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
12	02030104070030-01	Big Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140010-01	Big Flat Brook (above Forked Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Attaining	Non-attaining	Attaining
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140030-01	Big Flat Brook (Kittle Rd to Forked Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150070-01	Birch Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010060-01	Black Brook (Great Swamp NWR)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020070-01	Black Brook (Hanover)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201080030-01	Blacks Creek (below Bacons Run)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105050020-01	Blair Creek	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160100-01	Blue Anchor Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202070010-01	Bobbys Run	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104080030-01	Branchport Creek	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
20	02040201040010-01	Brindle Lake and above (Jumping Brook)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206170040-01	Buckshutem Creek (above Rt 555)	Attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301170050-01	Bull Creek / Little Bull Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105060020-01	Burnett Brook (above Old Mill Rd)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105020060-01	Cakepoulin Creek	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
06	02030103010140-01	Canoe Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201080030-01	Blacks Creek (below Bacons Run)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105050020-01	Blair Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160100-01	Blue Anchor Brook	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202070010-01	Bobbys Run	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080030-01	Branchport Creek	Non-attaining	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040010-01	Brindle Lake and above (Jumping Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170040-01	Buckshutem Creek (above Rt 555)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301170050-01	Bull Creek / Little Bull Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060020-01	Burnett Brook (above Old Mill Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
08	02030105020060-01	Cakepoulin Creek	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010140-01	Canoe Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining



WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201080030-01	Blacks Creek (below Bacons Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
01	02040105050020-01	Blair Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160100-01	Blue Anchor Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202070010-01	Bobbys Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080030-01	Branchport Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040010-01	Brindle Lake and above (Jumping Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170040-01	Buckshutem Creek (above Rt 555)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
14	02040301170050-01	Bull Creek / Little Bull Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060020-01	Burnett Brook (above Old Mill Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
08	02030105020060-01	Cakepoulin Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010140-01	Canoe Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201080030-01	Blacks Creek (below Bacons Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050020-01	Blair Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160100-01	Blue Anchor Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202070010-01	Bobbys Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB	Non-attaining	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data
12	02030104080030-01	Branchport Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201040010-01	Brindle Lake and above (Jumping Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170040-01	Buckshutem Creek (above Rt 555)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301170050-01	Bull Creek / Little Bull Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060020-01	Burnett Brook (above Old Mill Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020060-01	Cakepoulin Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining
06	02030103010140-01	Canoe Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
17	02040206070030-01	Canton Drain (above Maskell Mill)	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206070040-01	Canton Drain (below Maskell Mill)	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302080050-01	Cape May Courthouse tribs	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206180020-01	Cedar Branch (Menantico Creek)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105100080-01	Cedar Brook (Cranbury Brook)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206060030-01	Cedar Brook / Carlisle Run	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
13	02040301090030-01	Cedar Creek (74-16-38 to Chamberlain Br)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206100040-01	Cedar Creek (above Rt 553)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Non-attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301090060-01	Cedar Creek (below GS Parkway)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
17	02040206100050-01	Cedar Creek (below Rt 553)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Non-attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301130040-01	Cedar Run	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301090020-01	Chamberlain Branch	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105070020-01	Chambers Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206160020-01	Chatfield Branch (Mill Creek)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
12	02030104060010-01	Cheesequake Creek / Whale Creek	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202130030-01	Chestnut Branch (above Sewell)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
17	02040206070030-01	Canton Drain (above Maskell Mill)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070040-01	Canton Drain (below Maskell Mill)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080050-01	Cape May Courthouse tribs	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180020-01	Cedar Branch (Menantico Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100080-01	Cedar Brook (Cranbury Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060030-01	Cedar Brook / Carlisle Run	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090030-01	Cedar Creek (74-16-38 to Chamberlain Br)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100040-01	Cedar Creek (above Rt 553)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301090060-01	Cedar Creek (below GS Parkway)	Attaining	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100050-01	Cedar Creek (below Rt 553)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130040-01	Cedar Run	Insufficient Data	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090020-01	Chamberlain Branch	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070020-01	Chambers Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160020-01	Chatfield Branch (Mill Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060010-01	Cheesequake Creek / Whale Creek	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130030-01	Chestnut Branch (above Sewell)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
17	02040206070030-01	Canton Drain (above Maskell Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070040-01	Canton Drain (below Maskell Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080050-01	Cape May Courthouse tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180020-01	Cedar Branch (Menantico Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100080-01	Cedar Brook (Cranbury Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060030-01	Cedar Brook / Carlisle Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090030-01	Cedar Creek (74-16-38 to Chamberlain Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100040-01	Cedar Creek (above Rt 553)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301090060-01	Cedar Creek (below GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100050-01	Cedar Creek (below Rt 553)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130040-01	Cedar Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090020-01	Chamberlain Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070020-01	Chambers Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160020-01	Chatfield Branch (Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060010-01	Cheesequake Creek / Whale Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130030-01	Chestnut Branch (above Sewell)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
17	02040206070030-01	Canton Drain (above Maskell Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070040-01	Canton Drain (below Maskell Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080050-01	Cape May Courthouse tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180020-01	Cedar Branch (Menantico Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100080-01	Cedar Brook (Cranbury Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060030-01	Cedar Brook / Carlisle Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090030-01	Cedar Creek (74-16-38 to Chamberlain Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100040-01	Cedar Creek (above Rt 553)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090060-01	Cedar Creek (below GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100050-01	Cedar Creek (below Rt 553)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130040-01	Cedar Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090020-01	Chamberlain Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070020-01	Chambers Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160020-01	Chatfield Branch (Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060010-01	Cheesequake Creek / Whale Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202130030-01	Chestnut Branch (above Sewell)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
12	02030104060040-01	Chingarora Creek to Thorns Creek	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301200090-01	Clarks Mill Stream	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
01	02040104090020-01	Clove Brook (Delaware R)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
02	02020007020060-01	Clove Brook (Papakating Ck)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206080010-01	Cohansey R (above Beals Mill)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206090100-01	Cohansey R (below Greenwich)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
08	02030105050060-01	Cold Brook	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206060010-01	Cool Run	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202110030-01	Cooper River (above Evesham Road)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
12	02030104060040-01	Chingarora Creek to Thorns Creek	Insufficient Data	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200090-01	Clarks Mill Stream	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040104090020-01	Clove Brook (Delaware R)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020060-01	Clove Brook (Papakating Ck)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080010-01	Cohansey R (above Beals Mill)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206090100-01	Cohansey R (below Greenwich)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050060-01	Cold Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060010-01	Cool Run	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202110030-01	Cooper River (above Evesham Road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
12	02030104060040-01	Chingarora Creek to Thorns Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200090-01	Clarks Mill Stream	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040104090020-01	Clove Brook (Delaware R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020060-01	Clove Brook (Papakating Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080010-01	Cohansey R (above Beals Mill)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
17	02040206090100-01	Cohansey R (below Greenwich)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050060-01	Cold Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060010-01	Cool Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202110030-01	Cooper River (above Evesham Road)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
12	02030104060040-01	Chingarora Creek to Thorns Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200090-01	Clarks Mill Stream	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104090020-01	Clove Brook (Delaware R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
02	02020007020060-01	Clove Brook (Papakating Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206080010-01	Cohansey R (above Beals Mill)	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090100-01	Cohansey R (below Greenwich)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
08	02030105050060-01	Cold Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060010-01	Cool Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202110030-01	Cooper River (above Evesham Road)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	PCE, TCE	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
18	02040202110060-01	Cooper River (below Rt 130)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
18	02040202110010-01	Cooper River NB (above Springdale Road)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
18	02040202110020-01	Cooper River NB (below Springdale Road)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Attaining	N/A	Insufficient Data	Insufficient Data
20	02040201090010-01	Crafts Creek (above Rt 206)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
20	02040201090020-01	Crafts Creek (below Rt 206)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Attaining
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105110090-01	Cruser Brook / Roaring Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
18	02040202110060-01	Cooper River (below Rt 130)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
18	02040202110010-01	Cooper River NB (above Springdale Road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
18	02040202110020-01	Cooper River NB (below Springdale Road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
20	02040201090010-01	Crafts Creek (above Rt 206)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201090020-01	Crafts Creek (below Rt 206)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080010-01	Crook Horn Creek (above Devils Island)	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110090-01	Cruser Brook / Roaring Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
18	02040202110060-01	Cooper River (below Rt 130)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202110010-01	Cooper River NB (above Springdale Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202110020-01	Cooper River NB (below Springdale Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
20	02040201090010-01	Crafts Creek (above Rt 206)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201090020-01	Crafts Creek (below Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
10	02030105110090-01	Cruser Brook / Roaring Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
18	02040202110060-01	Cooper River (below Rt 130)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCE, TCE	Attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCE, TCE	Attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	PCE, TCE	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202110010-01	Cooper River NB (above Springdale Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
18	02040202110020-01	Cooper River NB (below Springdale Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201090010-01	Crafts Creek (above Rt 206)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201090020-01	Crafts Creek (below Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110090-01	Cruser Brook / Roaring Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
03	02030103100060-01	Crystal Lake/Pond Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120070-01	Cuckels Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105040010-01	Culvers Creek	Non-attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301080040-01	Davenport Branch (below Pinewald Road)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103010080-01	Dead River (above Harrison's Brook)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103010100-01	Dead River (below Harrison's Brook)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104090030-01	Deal Lake	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105160010-01	Deep Run (above Monmouth Co line)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206060040-01	Deep Run (Alloway)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105160040-01	Deep Run (below Rt 9)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302040120-01	Deep Run (GEHR)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
04	02030103120060-01	Deepavaal Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	02040105200070-01	Del R -Lambertville to Bulls Island	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105060020-01	Delawanna Creek (incl UDRV)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	N/A	N/A	N/A	N/A	Non-attaining	Insufficient Data	N/A	N/A	N/A
01	Delaware River 2	Delaware River 1C	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	Delaware River 8	Delaware River 1D	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	Delaware River 14	Delaware River 1E	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
20	Delaware River 15	Delaware River 2	Insufficient Data	N/A	Non-attaining	N/A	Non-attaining	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	Delaware River 16	Delaware River 3	Insufficient Data	N/A	Attaining	N/A	Non-attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	Delaware River 17	Delaware River 4	Insufficient Data	N/A	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Insufficient Data	N/A	N/A	N/A
17	Delaware River 18	Delaware River 5	Insufficient Data	N/A	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Non-attaining	Insufficient Data	N/A	N/A	N/A

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
03	02030103100060-01	Crystal Lake/Pond Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120070-01	Cuckels Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040010-01	Culvers Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080040-01	Davenport Branch (below Pinewald Road)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010080-01	Dead River (above Harrison's Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010100-01	Dead River (below Harrison's Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090030-01	Deal Lake	Non-attaining	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160010-01	Deep Run (above Monmouth Co line)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060040-01	Deep Run (Alloway)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105160040-01	Deep Run (below Rt 9)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302040120-01	Deep Run (GEHR)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120060-01	Deepavaal Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200070-01	Del R -Lambertville to Bulls Island	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105060020-01	Delawanna Creek (incl UDRV)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	Delaware River 2	Delaware River 1C	Attaining	N/A	N/A	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	Delaware River 8	Delaware River 1D	Attaining	N/A	N/A	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining
11	Delaware River 14	Delaware River 1E	Attaining	N/A	N/A	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	Delaware River 15	Delaware River 2	Non-attaining	N/A	N/A	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining
18	Delaware River 16	Delaware River 3	Attaining	N/A	N/A	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining
18	Delaware River 17	Delaware River 4	N/A	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	N/A	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	Delaware River 18	Delaware River 5	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	N/A	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
03	02030103100060-01	Crystal Lake/Pond Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120070-01	Cuckels Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040010-01	Culvers Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080040-01	Davenport Branch (below Pinewald Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010080-01	Dead River (above Harrison's Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010100-01	Dead River (below Harrison's Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090030-01	Deal Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160010-01	Deep Run (above Monmouth Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060040-01	Deep Run (Alloway)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105160040-01	Deep Run (below Rt 9)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
15	02040302040120-01	Deep Run (GEHR)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120060-01	Deepavaal Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200070-01	Del R -Lambertville to Bulls Island	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105060020-01	Delawanna Creek (incl UDRV)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	Delaware River 2	Delaware River 1C	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	Delaware River 8	Delaware River 1D	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
11	Delaware River 14	Delaware River 1E	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
20	Delaware River 15	Delaware River 2	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
18	Delaware River 16	Delaware River 3	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining
18	Delaware River 17	Delaware River 4	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	Delaware River 18	Delaware River 5	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
03	02030103100060-01	Crystal Lake/Pond Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120070-01	Cuckels Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040010-01	Culvers Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080040-01	Davenport Branch (below Pinewald Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010080-01	Dead River (above Harrison's Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010100-01	Dead River (below Harrison's Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090030-01	Deal Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
09	02030105160010-01	Deep Run (above Monmouth Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060040-01	Deep Run (Alloway)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160040-01	Deep Run (below Rt 9)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040120-01	Deep Run (GEHR)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120060-01	Deepavaal Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200070-01	Del R -Lambertville to Bulls Island	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105060020-01	Delawanna Creek (incl UDRV)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Attaining	Insufficient Data	Attaining	Non-attaining	Attaining
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Dieldrin	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
01	Delaware River 2	Delaware River 1C	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
01	Delaware River 8	Delaware River 1D	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Aluminum	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
11	Delaware River 14	Delaware River 1E	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
20	Delaware River 15	Delaware River 2	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Dieldrin	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	Delaware River 16	Delaware River 3	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Dieldrin	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	Delaware River 17	Delaware River 4	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Aluminum, Dieldrin	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
17	Delaware River 18	Delaware River 5	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Dieldrin	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
06	02030103030120-01	Den Brook	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
10	02030105100110-01	Devils Brook	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
16	02040206230030-01	Dias Creek	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301130070-01	Dinner Point Creek & tribs	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206110050-01	Dividing Creek (above Mill Creek)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206110060-01	Dividing Creek (below Mill Creek)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
20	02040201060030-01	Doctors Creek (below Allentown)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301060050-01	Dove Mill Branch (Toms River)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010020-01	Drakes Brook (below Eyland Ave)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105040020-01	Dry Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105090080-01	Duck Pond Run	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
09	02030105160030-01	Duhernal Lake / Iresick Brook	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
05	02030103170050-01	Dwars Kill	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
16	02040206210060-01	East Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202130050-01	Edwards Run	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
06	02030103030120-01	Den Brook	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Attaining	Insufficient Data	Insufficient Data	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105100110-01	Devils Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
16	02040206230030-01	Dias Creek	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301130070-01	Dinner Point Creek & tribs	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110050-01	Dividing Creek (above Mill Creek)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110060-01	Dividing Creek (below Mill Creek)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201060030-01	Doctors Creek (below Allentown)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060050-01	Dove Mill Branch (Toms River)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010020-01	Drakes Brook (below Eyland Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105040020-01	Dry Brook	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090080-01	Duck Pond Run	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160030-01	Duheral Lake / Iresick Brook	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
05	02030103170050-01	Dwars Kill	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040206210060-01	East Creek	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130050-01	Edwards Run	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
06	02030103030120-01	Den Brook	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105100110-01	Devils Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
16	02040206230030-01	Dias Creek	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301130070-01	Dinner Point Creek & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110050-01	Dividing Creek (above Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110060-01	Dividing Creek (below Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201060030-01	Doctors Creek (below Allentown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060050-01	Dove Mill Branch (Toms River)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010020-01	Drakes Brook (below Eyland Ave)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105040020-01	Dry Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090080-01	Duck Pond Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160030-01	Duhernal Lake / Iresick Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
05	02030103170050-01	Dwars Kill	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
16	02040206210060-01	East Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130050-01	Edwards Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining



WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
06	02030103030120-01	Den Brook	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
10	02030105100110-01	Devils Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230030-01	Dias Creek	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
13	02040301130070-01	Dinner Point Creek & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110050-01	Dividing Creek (above Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206110060-01	Dividing Creek (below Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201060030-01	Doctors Creek (below Allentown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060050-01	Dove Mill Branch (Toms River)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010020-01	Drakes Brook (below Eyland Ave)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040020-01	Dry Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
10	02030105090080-01	Duck Pond Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160030-01	Duhernal Lake / Iresick Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170050-01	Dwars Kill	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210060-01	East Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202130050-01	Edwards Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
07	02030104020010-01	Elizabeth R (above I-78)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Attaining
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301090040-01	Factory Br / Newbolds Br / Daniels Br	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
08	02030105030010-01	First Neshanic River	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040104150020-01	Flat Brook (below Tillman Brook)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data
01	02040104140020-01	Forked Brook / Parker Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301110010-01	Forked River NB (above old RR grade)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301110020-01	Forked River NB (below old RR grade)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302030030-01	Four Mile Branch (GEHR)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301130010-01	Four Mile Branch (Mill Creek)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
02	02020007010030-01	Franklin Pond Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
19	02040202050040-01	Friendship Creek (above Burrs Mill Bk)	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
07	02030104020010-01	Elizabeth R (above I-78)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Non-attaining	Attaining	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090040-01	Factory Br / Newbolds Br / Daniels Br	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030010-01	First Neshanic River	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Attaining	Insufficient Data	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040104150020-01	Flat Brook (below Tillman Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140020-01	Forked Brook / Parker Brook	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Non-attaining	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110010-01	Forked River NB (above old RR grade)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110020-01	Forked River NB (below old RR grade)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030030-01	Four Mile Branch (GEHR)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130010-01	Four Mile Branch (Mill Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010030-01	Franklin Pond Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050040-01	Friendship Creek (above Burrs Mill Bk)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
07	02030104020010-01	Elizabeth R (above I-78)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090040-01	Factory Br / Newbolds Br / Daniels Br	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030010-01	First Neshanic River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
01	02040104150020-01	Flat Brook (below Tillman Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140020-01	Forked Brook / Parker Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110010-01	Forked River NB (above old RR grade)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110020-01	Forked River NB (below old RR grade)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030030-01	Four Mile Branch (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130010-01	Four Mile Branch (Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010030-01	Franklin Pond Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050040-01	Friendship Creek (above Burrs Mill Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
07	02030104020010-01	Elizabeth R (above I-78)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090040-01	Factory Br / Newbolds Br / Daniels Br	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030010-01	First Neshanic River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
01	02040104150020-01	Flat Brook (below Tillman Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104140020-01	Forked Brook / Parker Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110010-01	Forked River NB (above old RR grade)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110020-01	Forked River NB (below old RR grade)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
15	02040302030030-01	Four Mile Branch (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130010-01	Four Mile Branch (Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010030-01	Franklin Pond Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050040-01	Friendship Creek (above Burrs Mill Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
01	02040105090050-01	Furnace Brook	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206030050-01	Game Creek (above Rt 48)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206030070-01	Game Creek (below Rt 48)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302030010-01	GEHR (above New Freedom Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050100-01	Gibson Creek / Jackson Creek	Attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
04	02030103120050-01	Goffle Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301210040-01	Great Bay	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105090050-01	Furnace Brook	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206030050-01	Game Creek (above Rt 48)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030070-01	Game Creek (below Rt 48)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030010-01	GEHR (above New Freedom Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Attaining	Attaining	N/A	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Attaining	Attaining	N/A	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Attaining	Attaining	N/A	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302050100-01	Gibson Creek / Jackson Creek	Attaining	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120050-01	Goffle Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
14	02040301210040-01	Great Bay	N/A	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105090050-01	Furnace Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206030050-01	Game Creek (above Rt 48)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030070-01	Game Creek (below Rt 48)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302030010-01	GEHR (above New Freedom Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302050100-01	Gibson Creek / Jackson Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120050-01	Goffle Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
14	02040301210040-01	Great Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090050-01	Furnace Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Attaining	Attaining	Attaining
17	02040206030050-01	Game Creek (above Rt 48)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030070-01	Game Creek (below Rt 48)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030010-01	GEHR (above New Freedom Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050100-01	Gibson Creek / Jackson Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120050-01	Goffle Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301210040-01	Great Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
14	02040301210050-01	Great Bay tribs	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
06	02030103010030-01	Great Brook (above Green Village Rd)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103010050-01	Great Brook (below Green Village Rd)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105130010-01	Great Ditch / Pigeon Swamp	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Non-attaining	N/A	Non-attaining	N/A	Non-attaining	N/A	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120130-01	Green Bk (below Bound Brook)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206140030-01	Green Branch / Endless Branch	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103020030-01	Greystone / Watnong Mtn tribs	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301160160-01	Gun Branch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
14	02040301210050-01	Great Bay tribs	N/A	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010030-01	Great Brook (above Green Village Rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010050-01	Great Brook (below Green Village Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105130010-01	Great Ditch / Pigeon Swamp	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120130-01	Green Bk (below Bound Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206140030-01	Green Branch / Endless Branch	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020030-01	Greystone / Watnong Mtn tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160160-01	Gun Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	N/A	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Insufficient Data	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
14	02040301210050-01	Great Bay tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010030-01	Great Brook (above Green Village Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010050-01	Great Brook (below Green Village Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105130010-01	Great Ditch / Pigeon Swamp	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120130-01	Green Bk (below Bound Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206140030-01	Green Branch / Endless Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020030-01	Greystone / Watnong Mtn tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160160-01	Gun Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
14	02040301210050-01	Great Bay tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010030-01	Great Brook (above Green Village Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010050-01	Great Brook (below Green Village Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130010-01	Great Ditch / Pigeon Swamp	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120130-01	Green Bk (below Bound Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140030-01	Green Branch / Endless Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
06	02030103020030-01	Greystone / Watnong Mtn tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160160-01	Gun Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	N/A	N/A	N/A	N/A	Non-attaining	Attaining	N/A	N/A	N/A
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
11	02040105170020-01	Hakihokake Creek	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
15	02040302070070-01	Halfway Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301170010-01	Hammonton Creek (above 74d43m)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206170010-01	Hankins Pond trib (Millville)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
02	02020007010050-01	Hardistonville tribs	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
11	02040105170030-01	Harihokake Creek (and to Hakihokake Ck)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206060070-01	Harmony trib (Alloway Creek)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301070020-01	Harris Branch / Bordens Mill Branch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103010090-01	Harrisons Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202060030-01	Haynes Creek (below Lake Pine)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
13	02040301020030-01	Haystack Brook	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
10	02030105110010-01	Heathcote Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103030100-01	Hibernia Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040040-01	Highland Lake/Wawayanda Lake	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180020-01	Hirshfeld Brook	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	N/A	Non-attaining	N/A	N/A	Non-attaining	Attaining	Attaining	N/A	N/A	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170020-01	Hakihokake Creek	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302070070-01	Halfway Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170010-01	Hammonton Creek (above 74d43m)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	02040206170010-01	Hankins Pond trib (Millville)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010050-01	Hardistonville tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170030-01	Harihokake Creek (and to Hakihokake Ck)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060070-01	Harmony trib (Alloway Creek)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070020-01	Harris Branch / Bordens Mill Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010090-01	Harrisons Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060030-01	Haynes Creek (below Lake Pine)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020030-01	Haystack Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110010-01	Heathcote Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030100-01	Hibernia Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040040-01	Highland Lake/Wawayanda Lake	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180020-01	Hirshfeld Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170020-01	Hakihokake Creek	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302070070-01	Halfway Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170010-01	Hammonton Creek (above 74d43m)	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206170010-01	Hankins Pond trib (Millville)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010050-01	Hardistonville tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170030-01	Harihokake Creek (and to Hakihokake Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060070-01	Harmony trib (Alloway Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070020-01	Harris Branch / Bordens Mill Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010090-01	Harrisons Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060030-01	Haynes Creek (below Lake Pine)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020030-01	Haystack Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110010-01	Heathcote Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030100-01	Hibernia Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040040-01	Highland Lake/Wawayanda Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180020-01	Hirshfeld Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
11	02040105170020-01	Hakihokake Creek	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070070-01	Halfway Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170010-01	Hammonton Creek (above 74d43m)	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170010-01	Hankins Pond trib (Millville)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
02	02020007010050-01	Hardistonville tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170030-01	Harihokake Creek (and to Hakihokake Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060070-01	Harmony trib (Alloway Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
13	02040301070020-01	Harris Branch / Bordens Mill Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010090-01	Harrisons Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060030-01	Haynes Creek (below Lake Pine)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020030-01	Haystack Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110010-01	Heathcote Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030100-01	Hibernia Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040040-01	Highland Lake/Wawayanda Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180020-01	Hirshfeld Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105040030-01	Holland Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
11	02040105170010-01	Holland Twp (Hakihokake to Musconetcong)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100020-01	Honey Run	Non-attaining	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
12	02030104070010-01	Hop Brook	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206060100-01	Hope Creek / Artificial Island	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302040030-01	Hospitality Br (Piney Hollow Rd to Rt538)	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
05	02030101170030-01	Hudson River (lower)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Attaining	N/A	N/A	N/A
05	02030101170010-01	Hudson River (upper)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206130030-01	Indian Branch (Scotland Run)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301170090-01	Indian Cabin Creek	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206090020-01	Indian Fields Branch / Jackson Run	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206150040-01	Indian Run (Muddy Run)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105130040-01	Ireland Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105050030-01	Jacksonburg Creek	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040030-01	Holland Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170010-01	Holland Twp (Hakihokake to Musconetcong)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100020-01	Honey Run	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070010-01	Hop Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060100-01	Hope Creek / Artificial Island	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302040030-01	Hospitality Br (Piney Hollow Rd to Rt538)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170030-01	Hudson River (lower)	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170010-01	Hudson River (upper)	Attaining	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130030-01	Indian Branch (Scotland Run)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170090-01	Indian Cabin Creek	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090020-01	Indian Fields Branch / Jackson Run	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150040-01	Indian Run (Muddy Run)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105130040-01	Ireland Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050030-01	Jacksonburg Creek	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040030-01	Holland Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170010-01	Holland Twp (Hakihokake to Musconetcong)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100020-01	Honey Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070010-01	Hop Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060100-01	Hope Creek / Artificial Island	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
15	02040302040030-01	Hospitality Br (Piney Hollow Rd to Rt538)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170030-01	Hudson River (lower)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170010-01	Hudson River (upper)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130030-01	Indian Branch (Scotland Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170090-01	Indian Cabin Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090020-01	Indian Fields Branch / Jackson Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150040-01	Indian Run (Muddy Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105130040-01	Ireland Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050030-01	Jacksonburg Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040030-01	Holland Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170010-01	Holland Twp (Hakihokake to Musconetcong)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105100020-01	Honey Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070010-01	Hop Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206060100-01	Hope Creek / Artificial Island	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040030-01	Hospitality Br (Piney Hollow Rd to Rt538)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170030-01	Hudson River (lower)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
05	02030101170010-01	Hudson River (upper)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
17	02040206130030-01	Indian Branch (Scotland Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170090-01	Indian Cabin Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090020-01	Indian Fields Branch / Jackson Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150040-01	Indian Run (Muddy Run)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130040-01	Ireland Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050030-01	Jacksonburg Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202050070-01	Jade Run	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
13	02040301080070-01	Jakes Branch (Lower Toms River)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104090050-01	Jumping Brook (Monmouth Co)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201040040-01	Jumping Brook (Ocean Co)	Insufficient Data	N/A	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Attaining
19	02040202060010-01	Kettle Run (above Centennial Lake)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
07	02030104010020-01	Kill Van Kull West	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
11	02040105170070-01	Kingwood Twp (Rt 519 to Warford Ck)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105040040-01	Lafayette Swamp tribs	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
20	02040201050010-01	Lahaway Ck (above Prospertown)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
01	02040105150020-01	Lake Hopatcong	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040030-01	Lake Kemah tribs	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
01	02040105070010-01	Lake Lenape trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
15	02040302050110-01	Lakes Creek (GEHR)	Insufficient Data	N/A	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
08	02030105050010-01	Lamington R (above Rt 10)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202050070-01	Jade Run	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080070-01	Jakes Branch (Lower Toms River)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090050-01	Jumping Brook (Monmouth Co)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040040-01	Jumping Brook (Ocean Co)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
19	02040202060010-01	Kettle Run (above Centennial Lake)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010020-01	Kill Van Kull West	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170070-01	Kingwood Twp (Rt 519 to Warford Ck)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105040040-01	Lafayette Swamp tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050010-01	Lahaway Ck (above Prospertown)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105150020-01	Lake Hopatcong	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040030-01	Lake Kemah tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070010-01	Lake Lenape trib	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050110-01	Lakes Creek (GEHR)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050010-01	Lamington R (above Rt 10)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
19	02040202050070-01	Jade Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080070-01	Jakes Branch (Lower Toms River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090050-01	Jumping Brook (Monmouth Co)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040040-01	Jumping Brook (Ocean Co)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
19	02040202060010-01	Kettle Run (above Centennial Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010020-01	Kill Van Kull West	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170070-01	Kingwood Twp (Rt 519 to Warford Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data
01	02040105040040-01	Lafayette Swamp tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050010-01	Lahaway Ck (above Prospertown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
01	02040105150020-01	Lake Hopatcong	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040030-01	Lake Kemah tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070010-01	Lake Lenape trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050110-01	Lakes Creek (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050010-01	Lamington R (above Rt 10)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050070-01	Jade Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080070-01	Jakes Branch (Lower Toms River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090050-01	Jumping Brook (Monmouth Co)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040040-01	Jumping Brook (Ocean Co)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060010-01	Kettle Run (above Centennial Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010020-01	Kill Van Kull West	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide, Hexachlorobenzene	Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
11	02040105170070-01	Kingwood Twp (Rt 519 to Warford Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040040-01	Lafayette Swamp tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050010-01	Lahaway Ck (above Prospertown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150020-01	Lake Hopatcong	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
01	02040105040030-01	Lake Kemah tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070010-01	Lake Lenape trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050110-01	Lakes Creek (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050010-01	Lamington R (above Rt 10)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
14	02040301170100-01	Landing Creek (above Rt 563)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206160010-01	Lebanon Branch (Mill Creek)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301170100-01	Landing Creek (above Rt 563)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160010-01	Lebanon Branch (Mill Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	N/A	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	N/A	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301170100-01	Landing Creek (above Rt 563)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160010-01	Lebanon Branch (Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data



WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170100-01	Landing Creek (above Rt 563)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining		Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Attaining	Non-attaining	Attaining
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160010-01	Lebanon Branch (Mill Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
14	02040301210030-01	Little Bay & tribs	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
19	02040202060070-01	Little Creek (above Bear Swamp River)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202060090-01	Little Creek (below Bear Swamp River)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206120010-01	Little Ease Run (above Academy Rd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206120020-01	Little Ease Run (below Academy Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
11	02040105240050-01	Little Shabakunk Creek	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202120070-01	Little Timber Creek (Gloucester City)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103010040-01	Loantaka Brook	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Non-attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	02040105200010-01	Lockatong Ck (above Rt 12)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	N/A	Attaining	Attaining
11	02040105200030-01	Lockatong Ck (below Milltown) incl UDRV	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
11	02040105200020-01	Lockatong Ck (Milltown to Rt 12)	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104080050-01	Long Branch direct Atlantic drainage	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
13	02040301080080-01	Long Swamp Creek	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data
13	BarnegetBay09	Lower Little Egg Harbor Bay	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Non-attaining	Attaining	N/A	N/A	N/A
19	02040202080060-01	LRDV trib-Delanco/Edgewater	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
14	02040301210030-01	Little Bay & tribs	N/A	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060070-01	Little Creek (above Bear Swamp River)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
19	02040202060090-01	Little Creek (below Bear Swamp River)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120010-01	Little Ease Run (above Academy Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120020-01	Little Ease Run (below Academy Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240050-01	Little Shabakunk Creek	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104080010-01	Little Silver Creek / Town Neck Creek	N/A	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120070-01	Little Timber Creek (Gloucester City)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010040-01	Loantaka Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200010-01	Lockatong Ck (above Rt 12)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200030-01	Lockatong Ck (below Milltown) incl UDRV	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
11	02040105200020-01	Lockatong Ck (Milltown to Rt 12)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104080050-01	Long Branch direct Atlantic drainage	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080080-01	Long Swamp Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay09	Lower Little Egg Harbor Bay	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080060-01	LRDV trib-Delanco/Edgewater	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
14	02040301210030-01	Little Bay & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060070-01	Little Creek (above Bear Swamp River)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
19	02040202060090-01	Little Creek (below Bear Swamp River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120010-01	Little Ease Run (above Academy Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120020-01	Little Ease Run (below Academy Rd)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240050-01	Little Shabakunk Creek	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120070-01	Little Timber Creek (Gloucester City)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010040-01	Loantaka Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200010-01	Lockatong Ck (above Rt 12)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200030-01	Lockatong Ck (below Milltown) incl UDRV	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
11	02040105200020-01	Lockatong Ck (Milltown to Rt 12)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
12	02030104080050-01	Long Branch direct Atlantic drainage	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080080-01	Long Swamp Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay09	Lower Little Egg Harbor Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080060-01	LRDV trib-Delanco/Edgewater	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
14	02040301210030-01	Little Bay & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060070-01	Little Creek (above Bear Swamp River)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060090-01	Little Creek (below Bear Swamp River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120010-01	Little Ease Run (above Academy Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120020-01	Little Ease Run (below Academy Rd)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240050-01	Little Shabakunk Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
18	02040202120070-01	Little Timber Creek (Gloucester City)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
06	02030103010040-01	Loantaka Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200010-01	Lokatong Ck (above Rt 12)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200030-01	Lokatong Ck (below Milltown) incl UDRV	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080050-01	Long Branch direct Atlantic drainage	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080080-01	Long Swamp Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay09	Lower Little Egg Harbor Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080060-01	LRDV trib-Delanco/Edgewater	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202120120-01	Main Ditch / Little Mantua Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302040100-01	Makepeace Stream (above Makepeace Lake)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103020060-01	Malapardis Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	BarneгатBay08	Manahawkan Bay and Upper Little Egg Harbor	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Non-attaining	Attaining	N/A	N/A	N/A
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301070080-01	Manapauqua Brook	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Attaining
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206040010-01	Mannington Creek	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
18	02040202130010-01	Mantua Creek (above Rt 47)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202130060-01	Mantua Creek (below Edwards Run)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120120-01	Main Ditch / Little Mantua Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040100-01	Makepeace Stream (above Makepeace Lake)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020060-01	Malapardis Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarneгатBay08	Manahawkan Bay and Upper Little Egg Harbor	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301070080-01	Manapauqua Brook	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	N/A	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Non-attaining	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	02040206040010-01	Mannington Creek	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
18	02040202130010-01	Mantua Creek (above Rt 47)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130060-01	Mantua Creek (below Edwards Run)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120120-01	Main Ditch / Little Mantua Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040100-01	Makepeace Stream (above Makepeace Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020060-01	Malapardis Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay08	Manahawkan Bay and Upper Little Egg Harbor	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
13	02040301070080-01	Manapaqua Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206040010-01	Mannington Creek	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
18	02040202130010-01	Mantua Creek (above Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130060-01	Mantua Creek (below Edwards Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202120120-01	Main Ditch / Little Mantua Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
15	02040302040100-01	Makepeace Stream (above Makepeace Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020060-01	Malapardis Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay08	Manahawkan Bay and Upper Little Egg Harbor	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070080-01	Manapaqua Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040010-01	Mannington Creek	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130010-01	Mantua Creek (above Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130060-01	Mantua Creek (below Edwards Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206190030-01	Manumuskin River (below Rt 49)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301060040-01	Maple Root Branch (Toms River)	Attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
15	02040302060020-01	Maple Run / Mill Br (Zion Rd to Cardiff rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
12	02030104100040-01	Marsh Bog Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
01	02040104090010-01	Mashipacong Island UDRV tribs	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103100020-01	Masonicus Brook	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301200110-01	Mattix Run (nacote Creek)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206190030-01	Manumuskin River (below Rt 49)	Attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301060040-01	Maple Root Branch (Toms River)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060020-01	Maple Run / Mill Br (Zion Rd to Cardiff rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100040-01	Marsh Bog Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040104090010-01	Mashipacong Island UDRV tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100020-01	Masonicus Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Non-attaining	Non-attaining	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200110-01	Mattix Run (nacote Creek)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	N/A	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Non-attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Insufficient Data	Attaining	N/A	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206190030-01	Manumuskin River (below Rt 49)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301060040-01	Maple Root Branch (Toms River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060020-01	Maple Run / Mill Br (Zion Rd to Cardiff rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100040-01	Marsh Bog Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
01	02040104090010-01	Mashipacong Island UDRV tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100020-01	Masonicus Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200110-01	Mattix Run (nacote Creek)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206190030-01	Manumuskin River (below Rt 49)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060040-01	Maple Root Branch (Toms River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060020-01	Maple Run / Mill Br (Zion Rd to Cardiff rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100040-01	Marsh Bog Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104090010-01	Mashipacong Island UDRV tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100020-01	Masonicus Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data		Attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200110-01	Mattix Run (nacote Creek)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
19	02040202030070-01	McDonalds Branch	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105150020-01	McGellairds Brook (above Taylors Mills)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302070030-01	McNeals Branch (Tuckahoe River)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103070060-01	Meadow Brook / High Mountain Brook	Non-attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180030-01	Menantico Creek (above Rt 552)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206180050-01	Menantico Creek (below Rt 552)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
01	02040105140040-01	Merrill Creek	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	N/A	Non-attaining	Attaining	N/A	N/A
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	BarnegatBay02	Metedeconk R Estuary	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301020010-01	Metedeconk R NB (above I-195)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Insufficient Data
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	N/A	Attaining	Insufficient Data
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
13	02040301080020-01	Michaels Branch (Wrangel Brook)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
19	02040202030070-01	McDonalds Branch	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105150020-01	McGellairds Brook (above Taylors Mills)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070030-01	McNeals Branch (Tuckahoe River)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070060-01	Meadow Brook / High Mountain Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180030-01	Menantico Creek (above Rt 552)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180050-01	Menantico Creek (below Rt 552)	Non-attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140040-01	Merrill Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	BarnegatBay02	Metedeconk R Estuary	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020010-01	Metedeconk R NB (above I-195)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080020-01	Michaels Branch (Wrangel Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
19	02040202030070-01	McDonalds Branch	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105150020-01	McGellairds Brook (above Taylors Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070030-01	McNeals Branch (Tuckahoe River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070060-01	Meadow Brook / High Mountain Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180030-01	Menantico Creek (above Rt 552)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180050-01	Menantico Creek (below Rt 552)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140040-01	Merrill Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	BarnegatBay02	Metedeconk R Estuary	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020010-01	Metedeconk R NB (above I-195)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
13	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080020-01	Michaels Branch (Wrangel Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
19	02040202030070-01	McDonalds Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150020-01	McGellairs Brook (above Taylors Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150030-01	McGellairs Brook (below Taylors Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070030-01	McNeals Branch (Tuckahoe River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070060-01	Meadow Brook / High Mountain Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180030-01	Menantico Creek (above Rt 552)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Non-attaining	Insufficient Data	Non-attaining	Non-attaining
17	02040206180050-01	Menantico Creek (below Rt 552)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140040-01	Merrill Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay02	Metedeconk R Estuary	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020010-01	Metedeconk R NB (above I-195)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Insufficient Data
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080020-01	Michaels Branch (Wrangel Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
17	02040206200010-01	Middle Branch / Slab Branch	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105120180-01	Middle Brook	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105060080-01	Middle Brook (NB Raritan River)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
09	02030105120050-01	Middle Brook EB	Non-attaining	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105120060-01	Middle Brook WB	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302050120-01	Middle River / Peters Creek	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105120150-01	Mile Run	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
13	02040301140010-01	Mill Branch (above GS Parkway)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301140020-01	Mill Branch (below GS Parkway)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103030080-01	Mill Brook (Morris Co)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105160080-01	Mill Brook / Martins Creek	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301130020-01	Mill Ck (above GS Parkway)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
17	02040206090040-01	Mill Creek (above/incl Maple House Bk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206090050-01	Mill Creek (below Maple House Bk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206110040-01	Mill Creek (Dividing Creek)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206160040-01	Mill Creek (lower)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202080030-01	Mill Creek (Willingboro)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
17	02040206200010-01	Middle Branch / Slab Branch	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105120180-01	Middle Brook	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105060080-01	Middle Brook (NB Raritan River)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120050-01	Middle Brook EB	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105120060-01	Middle Brook WB	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050120-01	Middle River / Peters Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120150-01	Mile Run	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140010-01	Mill Branch (above GS Parkway)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140020-01	Mill Branch (below GS Parkway)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
06	02030103030080-01	Mill Brook (Morris Co)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160080-01	Mill Brook / Martins Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130020-01	Mill Ck (above GS Parkway)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090040-01	Mill Creek (above/incl Maple House Bk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090050-01	Mill Creek (below Maple House Bk)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110040-01	Mill Creek (Dividing Creek)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160040-01	Mill Creek (lower)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080030-01	Mill Creek (Willingboro)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
17	02040206200010-01	Middle Branch / Slab Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105120180-01	Middle Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
08	02030105060080-01	Middle Brook (NB Raritan River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120050-01	Middle Brook EB	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105120060-01	Middle Brook WB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050120-01	Middle River / Peters Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120150-01	Mile Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140010-01	Mill Branch (above GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140020-01	Mill Branch (below GS Parkway)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103030080-01	Mill Brook (Morris Co)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160080-01	Mill Brook / Martins Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130020-01	Mill Ck (above GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090040-01	Mill Creek (above/incl Maple House Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090050-01	Mill Creek (below Maple House Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110040-01	Mill Creek (Dividing Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206160040-01	Mill Creek (lower)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080030-01	Mill Creek (Willingboro)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
17	02040206200010-01	Middle Branch / Slab Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120180-01	Middle Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060080-01	Middle Brook (NB Raritan River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120050-01	Middle Brook EB	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120060-01	Middle Brook WB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
15	02040302050120-01	Middle River / Peters Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120150-01	Mile Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140010-01	Mill Branch (above GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140020-01	Mill Branch (below GS Parkway)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
06	02030103030080-01	Mill Brook (Morris Co)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160080-01	Mill Brook / Martins Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
13	02040301130020-01	Mill Ck (above GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
17	02040206090040-01	Mill Creek (above/incl Maple House Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090050-01	Mill Creek (below Maple House Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206110040-01	Mill Creek (Dividing Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206160040-01	Mill Creek (lower)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080030-01	Mill Creek (Willingboro)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
10	02030105100010-01	Millstone R (above Rt 33)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Insufficient Data	N/A	Non-attaining	N/A	Non-attaining	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105110170-01	Millstone R (below Amwell Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Insufficient Data	N/A	Attaining	N/A	Non-attaining	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
12	02030104070050-01	Mine Brook (Monmouth Co)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105150090-01	Mine Brook (Morris Co)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
11	02040105240030-01	Miry Run (Assunpink Cr)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050070-01	Miry Run (GEHR)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
04	02030103120040-01	Molly Ann Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
06	02030103030160-01	Montville Tribs	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210040-01	Moore Creek	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
07	02030104030010-01	Morses Creek / Piles Creek	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
10	02030105100010-01	Millstone R (above Rt 33)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105110170-01	Millstone R (below Amwell Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070050-01	Mine Brook (Monmouth Co)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105150090-01	Mine Brook (Morris Co)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240030-01	Miry Run (Assunpink Cr)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
15	02040302050070-01	Miry Run (GEHR)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120040-01	Molly Ann Brook	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030160-01	Montville Tribs	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210040-01	Moore Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104030010-01	Morses Creek / Piles Creek	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
10	02030105100010-01	Millstone R (above Rt 33)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110170-01	Millstone R (below Amwell Rd)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070050-01	Mine Brook (Monmouth Co)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105150090-01	Mine Brook (Morris Co)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240030-01	Miry Run (Assunpink Cr)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
15	02040302050070-01	Miry Run (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120040-01	Molly Ann Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030160-01	Montville Tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210040-01	Moore Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104030010-01	Morses Creek / Piles Creek	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
10	02030105100010-01	Millstone R (above Rt 33)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110170-01	Millstone R (below Amwell Rd)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070050-01	Mine Brook (Monmouth Co)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150090-01	Mine Brook (Morris Co)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240030-01	Miry Run (Assunpink Cr)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050070-01	Miry Run (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120040-01	Molly Ann Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030160-01	Montville Tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210040-01	Moore Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104030010-01	Morses Creek / Piles Creek	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
14	02040301200100-01	Morses Mill Stream	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
19	02040202030030-01	Mount Misery Bk MB/NB (below 74d27m30s)	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202030020-01	Mount Misery Bk NB (above 74d27m30s dam)	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202030040-01	Mount Misery Bk SB	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
01	02040105090040-01	Mountain Lake Brook	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
13	02040301020040-01	Muddy Ford Brook	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
17	02040206150070-01	Muddy Run (below Landis Ave)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206150020-01	Muddy Run (incl Palatine Lk to Elmer Lk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206150060-01	Muddy Run (Landis Ave to Parvin Lake)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
08	02030105020030-01	Mulhockaway Creek	Attaining	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301160020-01	Mullica River (above Jackson Road)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301210010-01	Mullica River (below GSP bridge)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
14	02040301200100-01	Morses Mill Stream	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030030-01	Mount Misery Bk MB/NB (below 74d27m30s)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030020-01	Mount Misery Bk NB (above 74d27m30s dam)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030040-01	Mount Misery Bk SB	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090040-01	Mountain Lake Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020040-01	Muddy Ford Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150070-01	Muddy Run (below Landis Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150020-01	Muddy Run (incl Palatine Lk to Elmer Lk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150060-01	Muddy Run (Landis Ave to Parvin Lake)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020030-01	Mulhockaway Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	N/A	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301160020-01	Mullica River (above Jackson Road)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Insufficient Data	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301210010-01	Mullica River (below GSP bridge)	N/A	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	N/A	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Insufficient Data	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
14	02040301200100-01	Morses Mill Stream	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030030-01	Mount Misery Bk MB/NB (below 74d27m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030020-01	Mount Misery Bk NB (above 74d27m30s dam)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030040-01	Mount Misery Bk SB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090040-01	Mountain Lake Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020040-01	Muddy Ford Brook	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150070-01	Muddy Run (below Landis Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150020-01	Muddy Run (incl Palatine Lk to Elmer Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150060-01	Muddy Run (Landis Ave to Parvin Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020030-01	Mulhockaway Creek	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301160020-01	Mullica River (above Jackson Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301210010-01	Mullica River (below GSP bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
14	02040301200100-01	Morses Mill Stream	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030030-01	Mount Misery Bk MB/NB (below 74d27m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030020-01	Mount Misery Bk NB (above 74d27m30s dam)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030040-01	Mount Misery Bk SB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090040-01	Mountain Lake Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301020040-01	Muddy Ford Brook	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150070-01	Muddy Run (below Landis Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150020-01	Muddy Run (incl Palatine Lk to Elmer Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
17	02040206150060-01	Muddy Run (Landis Ave to Parvin Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020030-01	Mulhockaway Creek	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
14	02040301160020-01	Mullica River (above Jackson Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
14	02040301210010-01	Mullica River (below GSP bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
01	02040105160070-01	Musconetcong R (below Warren Glen)	Attaining	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
01	02040105160030-01	Musconetcong R (Rt 31 to Changewater)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
01	02040105150110-01	Musconetcong R (Waterloo area)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data
17	02040206200020-01	Muskee Creek	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301200120-01	nacote Creek (below/incl Mill Pond)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206100060-01	nantuxent Creek (above Newport Landing)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206100070-01	nantuxent Creek (below Newport Landing)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Attaining	Attaining	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Insufficient Data	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105160070-01	Musconetcong R (below Warren Glen)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105160030-01	Musconetcong R (Rt 31 to Changewater)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105150110-01	Musconetcong R (Waterloo area)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206200020-01	Muskee Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301200120-01	nacote Creek (below/incl Mill Pond)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100060-01	nantuxent Creek (above Newport Landing)	Attaining	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100070-01	nantuxent Creek (below Newport Landing)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Non-attaining	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105160070-01	Musconetcong R (below Warren Glen)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105160030-01	Musconetcong R (Rt 31 to Changewater)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105150110-01	Musconetcong R (Waterloo area)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206200020-01	Muskee Creek	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301200120-01	nacote Creek (below/incl Mill Pond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100060-01	nantuxent Creek (above Newport Landing)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100070-01	nantuxent Creek (below Newport Landing)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160070-01	Musconetcong R (below Warren Glen)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160030-01	Musconetcong R (Rt 31 to Changewater)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150110-01	Musconetcong R (Waterloo area)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
17	02040206200020-01	Muskee Creek	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301200120-01	nacote Creek (below/incl Mill Pond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206100060-01	nantuxent Creek (above Newport Landing)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206100070-01	nantuxent Creek (below Newport Landing)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
12	02030104070120-01	navesink R mouth	Insufficient Data	N/A	Non- attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202140010-01	Nehonsey Bk / Clonmell Ck (LDRV to MantuaCk)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301170070-01	Nergo Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105030070-01	Neshanic River (below Black Brk)	Non- attaining	N/A	Non- attaining	N/A	Attaining	N/A	Non- attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Non- attaining	N/A	Non- attaining	N/A	Attaining	N/A	Non- attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
11	02040105230030-01	New Sharon Branch (Assumpink Creek)	Non- attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Non- attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
07	02030104010010-01	Newark Airport Peripheral Ditch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206110010-01	Newport Neck (nantuxent to Beadons Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202120090-01	Newton Creek (LDRV- Kaighn Ave to LT Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206030020-01	Nichomus Run	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	02040105170040-01	Nishisakawick Creek (above 40d 33m)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105170050-01	Nishisakawick Creek (below 40d 33m)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
07	02030104050050-01	Nomahegan Brook	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
20	02040201040060-01	North Run (above Wrightstown bypass)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104070090-01	Nut Swamp Brook	Non- attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105130030-01	Oakeys Brook	Non- attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Non- attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301070070-01	Old Hurricane Brook (below 74d22m30s)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
12	02030104070120-01	navesink R mouth	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140010-01	Nehonsey Bk / Clonmell Ck (LDRV to MantuaCk)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170070-01	Nergo Creek	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030070-01	Neshanic River (below Black Brk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105230030-01	New Sharon Branch (Assumpink Creek)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010010-01	Newark Airport Peripheral Ditch	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110010-01	Newport Neck (nantuxent to Beadons Ck)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
17	02040206030020-01	Nichomus Run	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170040-01	Nishisakawick Creek (above 40d 33m)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170050-01	Nishisakawick Creek (below 40d 33m)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050050-01	Nomahegan Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040060-01	North Run (above Wrightstown bypass)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
12	02030104070090-01	Nut Swamp Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130030-01	Oakeys Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070070-01	Old Hurricane Brook (below 74d22m30s)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
12	02030104070120-01	navesink R mouth	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140010-01	Nehonsey Bk / Clonmell Ck (LDRV to MantuaCk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
14	02040301170070-01	Nergo Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030070-01	Neshanic River (below Black Brk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105230030-01	New Sharon Branch (Assunpink Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010010-01	Newark Airport Peripheral Ditch	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110010-01	Newport Neck (nantuxent to Beadons Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206030020-01	Nichomus Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170040-01	Nishisakawick Creek (above 40d 33m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170050-01	Nishisakawick Creek (below 40d 33m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050050-01	Nomahegan Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040060-01	North Run (above Wrightstown bypass)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104070090-01	Nut Swamp Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130030-01	Oakeys Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070070-01	Old Hurricane Brook (below 74d22m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
12	02030104070120-01	navesink R mouth	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
18	02040202140010-01	Nehonsey Bk / Clonmell Ck (LDRV to MantuaCk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301170070-01	Nergo Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030070-01	Neshanic River (below Black Brk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
11	02040105230030-01	New Sharon Branch (Assunpink Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining
07	02030104010010-01	Newark Airport Peripheral Ditch	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide, Hexachlorobenzene	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
17	02040206110010-01	Newport Neck (nantuxent to Beadons Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
17	02040206030020-01	Nichomus Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170040-01	Nishisakawick Creek (above 40d 33m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105170050-01	Nishisakawick Creek (below 40d 33m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050050-01	Nomahegan Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040060-01	North Run (above Wrightstown bypass)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070090-01	Nut Swamp Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105130030-01	Oakeys Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070070-01	Old Hurricane Brook (below 74d22m30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202020020-01	Ong Run / Jacks Run	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206110030-01	Oranoaken Creek	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
14	02040301180020-01	Oswego River (above Rt 539)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301180070-01	Oswego River (below Andrews Road)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
05	02030103180040-01	Overpeck Creek	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301110040-01	Oyster Creek (above Rt 532)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301110050-01	Oyster Creek (below Rt 532)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
03	02030103050020-01	Pacock Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150030-01	Palatine Branch (Muddy Run)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
17	02040206180010-01	Panther Branch (Menantico Creek)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
02	02020007020010-01	Papakating Ck (above Frankford Plains)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
02	02020007020070-01	Papakating Ck (below Pelletown)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
02	02020007020030-01	Papakating Ck (Pelletown-Frankford Plns)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
14	02040301180050-01	Papoose Branch (Oswego River)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202020020-01	Ong Run / Jacks Run	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110030-01	Oranoaken Creek	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180020-01	Oswego River (above Rt 539)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180070-01	Oswego River (below Andrews Road)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
05	02030103180040-01	Overpeck Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110040-01	Oyster Creek (above Rt 532)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110050-01	Oyster Creek (below Rt 532)	Non-attaining	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050020-01	Pacock Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150030-01	Palatine Branch (Muddy Run)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180010-01	Panther Branch (Menantico Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020010-01	Papakating Ck (above Frankford Plains)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020070-01	Papakating Ck (below Pelletstown)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
02	02020007020030-01	Papakating Ck (Pelletstown-Frankford Plns)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180050-01	Papoose Branch (Oswego River)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202020020-01	Ong Run / Jacks Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110030-01	Oranoaken Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180020-01	Oswego River (above Rt 539)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180070-01	Oswego River (below Andrews Road)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
05	02030103180040-01	Overpeck Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110040-01	Oyster Creek (above Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110050-01	Oyster Creek (below Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050020-01	Pacock Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150030-01	Palatine Branch (Muddy Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180010-01	Panther Branch (Menantico Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020010-01	Papakating Ck (above Frankford Plains)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020070-01	Papakating Ck (below Pellettown)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180050-01	Papoose Branch (Oswego River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202020020-01	Ong Run / Jacks Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206110030-01	Oranoaken Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301180020-01	Oswego River (above Rt 539)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301180070-01	Oswego River (below Andrews Road)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103180040-01	Overpeck Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
13	02040301110040-01	Oyster Creek (above Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301110050-01	Oyster Creek (below Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050020-01	Pacock Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206150030-01	Palatine Branch (Muddy Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206180010-01	Panther Branch (Menantico Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020010-01	Papakating Ck (above Frankford Plains)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020070-01	Papakating Ck (below Pellettown)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180050-01	Papoose Branch (Oswego River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
18	02040202140030-01	Pargay Creek	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
19	02040202080010-01	Parkers Creek (above Marne Highway)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
12	02030104080020-01	Parkers Creek / Oceanport Creek	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206080030-01	Parsonage Run / Foster Run	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
05	02030103170010-01	Pascack Brook (above Westwood gage)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
05	02030103170020-01	Pascack Brook (below Westwood gage)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Non-attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
18	02040202140030-01	Pargay Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080010-01	Parkers Creek (above Marne Highway)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080020-01	Parkers Creek / Oceanport Creek	Non-attaining	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080030-01	Parsonage Run / Foster Run	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170010-01	Pascack Brook (above Westwood gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
05	02030103170020-01	Pascack Brook (below Westwood gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	N/A	Insufficient Data	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	N/A	Insufficient Data	N/A	N/A	Non-attaining	Attaining	Attaining	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
18	02040202140030-01	Pargay Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080010-01	Parkers Creek (above Marne Highway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080020-01	Parkers Creek / Oceanport Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206080030-01	Parsonage Run / Foster Run	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170010-01	Pascack Brook (above Westwood gage)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
05	02030103170020-01	Pascack Brook (below Westwood gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
18	02040202140030-01	Pargay Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080010-01	Parkers Creek (above Marne Highway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080020-01	Parkers Creek / Oceanport Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
17	02040206080030-01	Parsonage Run / Foster Run	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170010-01	Pascack Brook (above Westwood gage)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170020-01	Pascack Brook (below Westwood gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Merucry, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	PCB, Merucry, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	PCB, Merucry, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Merucry, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
01	02040105040060-01	Paulins Kill (above Rt 15)	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Non-attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Non-attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120010-01	Peckman River (above CG Res trib)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
04	02030103120020-01	Peckman River (below CG Res trib)	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301150070-01	Penn Swamp Branch	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040060-01	Paulins Kill (above Rt 15)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120010-01	Peckman River (above CG Res trib)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120020-01	Peckman River (below CG Res trib)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150070-01	Penn Swamp Branch	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040060-01	Paulins Kill (above Rt 15)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105040090-01	Paulins Kill (Stillwater Vii to PK Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120010-01	Peckman River (above CG Res trib)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120020-01	Peckman River (below CG Res trib)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150070-01	Penn Swamp Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040060-01	Paulins Kill (above Rt 15)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120010-01	Peckman River (above CG Res trib)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120020-01	Peckman River (below CG Res trib)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150070-01	Penn Swamp Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
15	02040302030070-01	Penny Pot Stream (GEHR)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050080-01	Pequannock R (below Macopin gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105070030-01	Pequest R (above Brighton)	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090060-01	Pequest R (below Furnace Brook)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105090020-01	Pequest R (Cemetery Road to Drag Strip)	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090010-01	Pequest R (Drag Strip-- below Bear Swamp)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040105090030-01	Pequest R (Furnace Bk to Cemetery Road)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
09	02030105080010-01	Peters Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
12	02030104060060-01	Pews Creek to Shrewsbury River	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206070090-01	Phillips Creek / Jacobs Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
10	02030105110080-01	Pike Run (above Cruser Brook)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105110100-01	Pike Run (below Cruser Brook)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
12	02030104070080-01	Pine Brook / Hockhockson Brook	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090090-01	Pine Mount Creek	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301180030-01	Plains Branch (Oswego River)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105040020-01	Pleasant Run	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302030070-01	Penny Pot Stream (GEHR)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050080-01	Pequannock R (below Macopin gage)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105070030-01	Pequest R (above Brighton)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090060-01	Pequest R (below Furnace Brook)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105090020-01	Pequest R (Cemetery Road to Drag Strip)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090030-01	Pequest R (Furnace Bk to Cemetery Road)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105080010-01	Peters Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060060-01	Pews Creek to Shrewsbury River	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206070090-01	Phillips Creek / Jacobs Creek	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110080-01	Pike Run (above Cruser Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110100-01	Pike Run (below Cruser Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070080-01	Pine Brook / Hockhockson Brook	Non-attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206090090-01	Pine Mount Creek	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180030-01	Plains Branch (Oswego River)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040020-01	Pleasant Run	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
15	02040302030070-01	Penny Pot Stream (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050080-01	Pequannock R (below Macopin gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105070030-01	Pequest R (above Brighton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090060-01	Pequest R (below Furnace Brook)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105090020-01	Pequest R (Cemetery Road to Drag Strip)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090030-01	Pequest R (Furnace Bk to Cemetery Road)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105080010-01	Peters Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060060-01	Pews Creek to Shrewsbury River	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
17	02040206070090-01	Phillips Creek / Jacobs Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110080-01	Pike Run (above Cruser Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110100-01	Pike Run (below Cruser Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070080-01	Pine Brook / Hockhockson Brook	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
17	02040206090090-01	Pine Mount Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180030-01	Plains Branch (Oswego River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040020-01	Pleasant Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030070-01	Penny Pot Stream (GEHR)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050080-01	Pequannock R (below Macopin gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070030-01	Pequest R (above Brighton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090060-01	Pequest R (below Furnace Brook)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090020-01	Pequest R (Cemetery Road to Drag Strip)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105090030-01	Pequest R (Furnace Bk to Cemetery Road)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105080010-01	Peters Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060060-01	Pews Creek to Shrewsbury River	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
17	02040206070090-01	Phillips Creek / Jacobs Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
10	02030105110080-01	Pike Run (above Cruser Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110100-01	Pike Run (below Cruser Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070080-01	Pine Brook / Hockhockson Brook	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206090090-01	Pine Mount Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180030-01	Plains Branch (Oswego River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040020-01	Pleasant Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
11	02040105200050-01	Plum Creek	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarneгатBay01	Point Pleasant Canal and Bay Head Harbor	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Insufficient Data	N/A	N/A	N/A
19	02040202030010-01	Pole Bridge Br (above County line)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202090020-01	Pompeston Creek (above Rt 130)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
03	02030103110020-01	Pompton River	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
16	02040206230070-01	Pond Creek / Cape May Canal West	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	02040105240040-01	Pond Run	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Insufficient Data
01	02040105110010-01	Pophandusing Brook	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090020-01	Poplar Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105050050-01	Pottersville trib (Lamington River)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data
04	02030103120030-01	Preakness Brook / naacht punkt Brook	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining



WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
11	02040105200050-01	Plum Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
13	BarneгатBay01	Point Pleasant Canal and Bay Head Harbor	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030010-01	Pole Bridge Br (above County line)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090020-01	Pompeston Creek (above Rt 130)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103110020-01	Pompton River	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
16	02040206230070-01	Pond Creek / Cape May Canal West	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240040-01	Pond Run	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110010-01	Pophandusing Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090020-01	Poplar Brook	Non-attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Non-attaining	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050050-01	Pottersville trib (Lamington River)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120030-01	Preakness Brook / naachtpunkt Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
11	02040105200050-01	Plum Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
13	BarneгатBay01	Point Pleasant Canal and Bay Head Harbor	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030010-01	Pole Bridge Br (above County line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090020-01	Pompeston Creek (above Rt 130)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103110020-01	Pompton River	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
16	02040206230070-01	Pond Creek / Cape May Canal West	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240040-01	Pond Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110010-01	Pophandusing Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090020-01	Poplar Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050050-01	Pottersville trib (Lamington River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120030-01	Preakness Brook / naachtpunkt Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
11	02040105200050-01	Plum Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	BarnegatBay01	Point Pleasant Canal and Bay Head Harbor	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030010-01	Pole Bridge Br (above County line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090020-01	Pompeston Creek (above Rt 130)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
03	02030103110020-01	Pompton River	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
16	02040206230070-01	Pond Creek / Cape May Canal West	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
11	02040105240040-01	Pond Run	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110010-01	Pophandusing Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090020-01	Poplar Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
08	02030105050050-01	Pottersville trib (Lamington River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103120030-01	Preakness Brook / naachtpunkt Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
06	02030103010020-01	Primrose Brook	Attaining	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining
14	02040301160070-01	Pump Branch (above 74d53m road)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
14	02040301160080-01	Pump Branch (below 74d53m road)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
02	02020007030020-01	Quarryville Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150010-01	Raccoon Ck (above Clems Run)	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Attaining
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202150030-01	Raccoon Ck SB	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
07	02030104050100-01	Rahway River (below Robinsons Branch)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
07	02030104050020-01	Rahway River EB	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
07	02030104050090-01	Rahway River SB	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
07	02030104050010-01	Rahway River WB	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Non-attaining
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
06	02030103010020-01	Primrose Brook	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301160070-01	Pump Branch (above 74d53m road)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160080-01	Pump Branch (below 74d53m road)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030020-01	Quarryville Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150010-01	Raccoon Ck (above Clems Run)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150030-01	Raccoon Ck SB	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050100-01	Rahway River (below Robinsons Branch)	N/A	Attaining	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
07	02030104050020-01	Rahway River EB	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050090-01	Rahway River SB	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
07	02030104050010-01	Rahway River WB	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
06	02030103010020-01	Primrose Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
14	02040301160070-01	Pump Branch (above 74d53m road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160080-01	Pump Branch (below 74d53m road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030020-01	Quarryville Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150010-01	Raccoon Ck (above Clems Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150030-01	Raccoon Ck SB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050100-01	Rahway River (below Robinsons Branch)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
07	02030104050020-01	Rahway River EB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050090-01	Rahway River SB	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
07	02030104050010-01	Rahway River WB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
06	02030103010020-01	Primrose Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160070-01	Pump Branch (above 74d53m road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160080-01	Pump Branch (below 74d53m road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030020-01	Quarryville Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150010-01	Raccoon Ck (above Clems Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202150030-01	Raccoon Ck SB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
07	02030104050100-01	Rahway River (below Robinsons Branch)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050020-01	Rahway River EB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050090-01	Rahway River SB	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data
07	02030104050010-01	Rahway River WB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080050-01	Rancocas Ck (below Rt 130)	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Attaining
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
12	02030104910030-01	Raritan Bay ( deep water)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Insufficient Data	Attaining	N/A	N/A	N/A



WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080050-01	Rancocas Ck (below Rt 130)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
12	02030104910030-01	Raritan Bay ( deep water)	N/A	Attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	N/A	Non-attaining	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080050-01	Rancocas Ck (below Rt 130)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104910030-01	Raritan Bay ( deep water)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202080050-01	Rancocas Ck (below Rt 130)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
12	02030104910030-01	Raritan Bay ( deep water)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene	Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Insufficient Data	N/A	Attaining	N/A	Non-attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Insufficient Data	N/A	Attaining	N/A	Non-attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Non-attaining	N/A	Attaining	N/A	Non-attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Insufficient Data
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Insufficient Data	N/A	Attaining	N/A	Non-attaining	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	N/A	Attaining	Insufficient Data
08	02030105060010-01	Raritan R NB (above/incl India Bk)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070030-01	Raritan R NB (below Rt 28)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Attaining	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010030-01	Raritan R SB (above Rt 46)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Attaining	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	N/A	Non-attaining	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060010-01	Raritan R NB (above/incl India Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining
08	02030105070030-01	Raritan R NB (below Rt 28)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010030-01	Raritan R SB (above Rt 46)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060010-01	Raritan R NB (above/incl India Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
08	02030105070030-01	Raritan R NB (below Rt 28)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010030-01	Raritan R SB (above Rt 46)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Benzene	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Benzene	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060010-01	Raritan R NB (above/incl India Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070030-01	Raritan R NB (below Rt 28)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010030-01	Raritan R SB (above Rt 46)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206120040-01	Reed Branch (Still Run)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202140050-01	Repaupo Ck (below Tomlin Sta Rd)/CedarSwamp	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to HarrisBr)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
01	02040105160080-01	Riegelsville (direct Del. R. drainage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210010-01	Riggins Ditch (Moore's Beach to East Pt)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
03	02030103070080-01	Ringwood Creek	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Non-attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105050100-01	Rockaway Ck SB	Non-attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105160090-01	Red Root Creek / Crows Mill Creek	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120040-01	Reed Branch (Still Run)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140050-01	Repaupo Ck (below Tomlin Sta Rd)/CedarSwamp	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to HarrisBr)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160080-01	Riegelsville (direct Del. R. drainage)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210010-01	Riggins Ditch (Moore's Beach to East Pt)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070080-01	Ringwood Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining
08	02030105050100-01	Rockaway Ck SB	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120040-01	Reed Branch (Still Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140050-01	Repaupo Ck (below Tomlin Sta Rd)/CedarSwamp	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to HarrisBr)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160080-01	Riegelsville (direct Del. R. drainage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210010-01	Riggins Ditch (Moore's Beach to East Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070080-01	Ringwood Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105050100-01	Rockaway Ck SB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
17	02040206120040-01	Reed Branch (Still Run)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140050-01	Repaupo Ck (below Tomlin Sta Rd)/Cedar Swamp	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to Harris Br)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105160080-01	Riegelsville (direct Del. R. drainage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210010-01	Riggins Ditch (Moore's Beach to East Pt)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
03	02030103070080-01	Ringwood Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105050100-01	Rockaway Ck SB	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCE	Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCE	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103030010-01	Russia Brook (above Milton)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030020-01	Russia Brook (below Milton)	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007000010-01	Rutgers Creek tribs	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
04	02030103140040-01	Saddle River (above Ridgewood gage)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
04	02030103140070-01	Saddle River (below Lodi gage)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Attaining	Insufficient Data
17	02040206030080-01	Salem Canal	Insufficient Data	N/A	Non-attaining	N/A	Non-attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
17	02040206030010-01	Salem R (above Woodstown gage)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206040040-01	Salem R (below Fenwick Creek)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	N/A	Attaining	Attaining
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040206210050-01	Savages Run (above East Creek Pond)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030010-01	Russia Brook (above Milton)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030020-01	Russia Brook (below Milton)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007000010-01	Rutgers Creek tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140040-01	Saddle River (above Ridgewood gage)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140070-01	Saddle River (below Lodi gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206030080-01	Salem Canal	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030010-01	Salem R (above Woodstown gage)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040040-01	Salem R (below Fenwick Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
16	02040206210050-01	Savages Run (above East Creek Pond)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030010-01	Russia Brook (above Milton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030020-01	Russia Brook (below Milton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007000010-01	Rutgers Creek tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140040-01	Saddle River (above Ridgewood gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140070-01	Saddle River (below Lodi gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206030080-01	Salem Canal	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030010-01	Salem R (above Woodstown gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040040-01	Salem R (below Fenwick Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
16	02040206210050-01	Savages Run (above East Creek Pond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	PCE	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030010-01	Russia Brook (above Milton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030020-01	Russia Brook (below Milton)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007000010-01	Rutgers Creek tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140040-01	Saddle River (above Ridgewood gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140070-01	Saddle River (below Lodi gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030080-01	Salem Canal	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206030010-01	Salem R (above Woodstown gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040040-01	Salem R (below Fenwick Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	PCB, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene	Attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
16	02040206210050-01	Savages Run (above East Creek Pond)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
17	02040206130010-01	Scotland Run (above Fries Mill)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206130040-01	Scotland Run (below Delsea Drive)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
17	02040206130020-01	Scotland Run (Delsea Drive to Fries Mill)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
08	02030105030020-01	Second Neshanic River	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
04	02030103150020-01	Second River	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Attaining	Attaining
11	02040105240010-01	Shabakunk Creek	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
11	02040105240020-01	Shabakunk Creek WB	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105100100-01	Shallow Brook (Devils Brook)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301070010-01	Shannae Brook	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
12	02030104090040-01	Shark River (above Remsen Mill gage)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
12	02030104090060-01	Shark River (below Remsen Mill gage)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
01	02040104090030-01	Shimers Brook	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
11	02040105230060-01	Shipetaukin Creek	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301190010-01	Shoal Branch (above/incl Pope Branch)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301190040-01	Shoal Branch (below Pope Branch)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
12	02030104080040-01	Shrewsbury River (above navesink River)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Insufficient Data	N/A	N/A	N/A
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301150020-01	Skit Branch (Batsto River)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
14	02040301160170-01	Sleeper Branch	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
06	02030103010190-01	Slough Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	N/A	Attaining	Attaining



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
17	02040206130010-01	Scotland Run (above Fries Mill)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130040-01	Scotland Run (below Delsea Drive)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130020-01	Scotland Run (Delsea Drive to Fries Mill)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030020-01	Second Neshanic River	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150020-01	Second River	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
11	02040105240010-01	Shabakunk Creek	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
11	02040105240020-01	Shabakunk Creek WB	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100100-01	Shallow Brook (Devils Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070010-01	Shannae Brook	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090040-01	Shark River (above Remsen Mill gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
12	02030104090060-01	Shark River (below Remsen Mill gage)	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104090030-01	Shimers Brook	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
11	02040105230060-01	Shipetaukin Creek	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190010-01	Shoal Branch (above/incl Pope Branch)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190040-01	Shoal Branch (below Pope Branch)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080040-01	Shrewsbury River (above navesink River)	N/A	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150020-01	Skit Branch (Batsto River)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301160170-01	Sleeper Branch	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103010190-01	Slough Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
17	02040206130010-01	Scotland Run (above Fries Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130040-01	Scotland Run (below Delsea Drive)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130020-01	Scotland Run (Delsea Drive to FriesMill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030020-01	Second Neshanic River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150020-01	Second River	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
11	02040105240010-01	Shabakunk Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
11	02040105240020-01	Shabakunk Creek WB	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105100100-01	Shallow Brook (Devils Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070010-01	Shannae Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090040-01	Shark River (above Remsen Mill gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104090060-01	Shark River (below Remsen Mill gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104090030-01	Shimers Brook	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
11	02040105230060-01	Shipetaukin Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190010-01	Shoal Branch (above/incl Pope Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190040-01	Shoal Branch (below Pope Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080040-01	Shrewsbury River (above navesink River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150020-01	Skit Branch (Batsto River)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
14	02040301160170-01	Sleeper Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
06	02030103010190-01	Slough Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
17	02040206130010-01	Scotland Run (above Fries Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130040-01	Scotland Run (below Delsea Drive)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206130020-01	Scotland Run (Delsea Drive to Fries Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030020-01	Second Neshanic River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150020-01	Second River	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240010-01	Shabakunk Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105240020-01	Shabakunk Creek WB	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
10	02030105100100-01	Shallow Brook (Devils Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070010-01	Shannae Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090040-01	Shark River (above Remsen Mill gage)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
12	02030104090060-01	Shark River (below Remsen Mill gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
01	02040104090030-01	Shimers Brook	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105230060-01	Shipetaukin Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190010-01	Shoal Branch (above/incl Pope Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190040-01	Shoal Branch (below Pope Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104080040-01	Shrewsbury River (above navesink River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150020-01	Skit Branch (Batsto River)	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160170-01	Sleeper Branch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Non-attaining
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103010190-01	Slough Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
16	02040206220020-01	Sluice Creek	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
09	02030105120080-01	South Fork of Bound Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050030-01	South River (above 39d26m15s)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050040-01	South River (below 39d26m15s)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
09	02030105160070-01	South River (below Duhernal Lake)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
20	02040201040050-01	South Run (North Run to Jumping Brook)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
05	02030101170020-01	Sparkill Brook	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Attaining
01	02040105040050-01	Sparta Junction tribs	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105120090-01	Spring Lake Fork of Bound Brook	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301150040-01	Springers Brook / Deep Run	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
08	02030105020010-01	Spruce Run (above Glen Gardner)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105020020-01	Spruce Run (Reservoir to Glen Gardner)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105020040-01	Spruce Run Reservoir / Willoughby Brook	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030050-01	Squankum Branch (GEHR)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
15	02040302050080-01	Stephen Creek (GEHR)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
17	02040206120030-01	Still Run (above Silver Lake Road)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
17	02040206120050-01	Still Run (WillowGroveLk - SilverLakeRd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
03	02030103050070-01	Stone House Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	Attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
16	02040206220020-01	Sluice Creek	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120080-01	South Fork of Bound Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050030-01	South River (above 39d26m15s)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302050040-01	South River (below 39d26m15s)	Non-attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105160070-01	South River (below Duhernal Lake)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040050-01	South Run (North Run to Jumping Brook)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170020-01	Sparkill Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105040050-01	Sparta Junction tribs	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120090-01	Spring Lake Fork of Bound Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150040-01	Springers Brook / Deep Run	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
08	02030105020010-01	Spruce Run (above Glen Gardner)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105020020-01	Spruce Run (Reservoir to Glen Gardner)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
08	02030105020040-01	Spruce Run Reservoir / Willoughby Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302030050-01	Squankum Branch (GEHR)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302050080-01	Stephen Creek (GEHR)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
17	02040206120030-01	Still Run (above Silver Lake Road)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120050-01	Still Run (WillowGroveLk - SilverLakeRd)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
03	02030103050070-01	Stone House Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
16	02040206220020-01	Sluice Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120080-01	South Fork of Bound Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050030-01	South River (above 39d26m15s)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302050040-01	South River (below 39d26m15s)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105160070-01	South River (below Duhernal Lake)	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040050-01	South Run (North Run to Jumping Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170020-01	Sparkill Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105040050-01	Sparta Junction tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120090-01	Spring Lake Fork of Bound Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301150040-01	Springers Brook / Deep Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
08	02030105020010-01	Spruce Run (above Glen Gardner)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
08	02030105020020-01	Spruce Run (Reservoir to Glen Gardner)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
08	02030105020040-01	Spruce Run Reservoir / Willoughby Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302030050-01	Squankum Branch (GEHR)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302050080-01	Stephen Creek (GEHR)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
17	02040206120030-01	Still Run (above Silver Lake Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120050-01	Still Run (WillowGroveLk - SilverLakeRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
03	02030103050070-01	Stone House Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
16	02040206220020-01	Sluice Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
09	02030105120080-01	South Fork of Bound Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB	Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
15	02040302050030-01	South River (above 39d26m15s)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050040-01	South River (below 39d26m15s)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160070-01	South River (below Duhernal Lake)	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	PCB, Dioxin,	Insufficient Data	Non-attaining	Insufficient Data	Non-attaining	Insufficient Data
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
20	02040201040050-01	South Run (North Run to Jumping Brook)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030101170020-01	Sparkill Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105040050-01	Sparta Junction tribs	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120090-01	Spring Lake Fork of Bound Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
14	02040301150040-01	Springers Brook / Deep Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020010-01	Spruce Run (above Glen Gardner)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020020-01	Spruce Run (Reservior to Glen Gardner)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302030050-01	Squankum Branch (GEHR)	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050080-01	Stephen Creek (GEHR)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206120030-01	Still Run (above Silver Lake Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206120050-01	Still Run (WillowGroveLk - SilverLakeRd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103050070-01	Stone House Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	Attaining	N/A	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
10	02030105090090-01	Stony Bk- Princeton drainage	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103030130-01	Stony Brook (Boonton)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105060010-01	Stony Brook (incl UDRV)	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120030-01	Stony Brook (North Plainfield)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
17	02040206070050-01	Stow Creek (above Jericho Road)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
17	02040206070080-01	Stow Creek (below Canton Rd)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105030020-01	Swartswood Lake and tribs	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data
18	02040202090010-01	Swede Run	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Insufficient Data
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
05	02030103170040-01	Tenakill Brook	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105160050-01	Tennent Brook (above 74d 19m 05s)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
09	02030105160060-01	Tennent Brook (below 74d 19m 05s)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
08	02030105030040-01	Third Neshanic River	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
04	02030103150010-01	Third River	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
10	02030105090090-01	Stony Bk- Princeton drainage	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
06	02030103030130-01	Stony Brook (Boonton)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105060010-01	Stony Brook (incl UDRV)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120030-01	Stony Brook (North Plainfield)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206070050-01	Stow Creek (above Jericho Road)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070080-01	Stow Creek (below Canton Rd)	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105030020-01	Swartswood Lake and tribs	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090010-01	Swede Run	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170040-01	Tenakill Brook	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
09	02030105160050-01	Tennent Brook (above 74d 19m 05s)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160060-01	Tennent Brook (below 74d 19m 05s)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030040-01	Third Neshanic River	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150010-01	Third River	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
10	02030105090090-01	Stony Bk- Princeton drainage	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103030130-01	Stony Brook (Boonton)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105060010-01	Stony Brook (incl UDRV)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120030-01	Stony Brook (North Plainfield)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
17	02040206070050-01	Stow Creek (above Jericho Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070080-01	Stow Creek (below Canton Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105030020-01	Swartswood Lake and tribs	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090010-01	Swede Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170040-01	Tenakill Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
09	02030105160050-01	Tennent Brook (above 74d 19m 05s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160060-01	Tennent Brook (below 74d 19m 05s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030040-01	Third Neshanic River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150010-01	Third River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
10	02030105090090-01	Stony Bk- Princeton drainage	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103030130-01	Stony Brook (Boonton)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105060010-01	Stony Brook (incl UDRV)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105120030-01	Stony Brook (North Plainfield)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070050-01	Stow Creek (above Jericho Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206070080-01	Stow Creek (below Canton Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105030020-01	Swartswood Lake and tribs	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202090010-01	Swede Run	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
05	02030103170040-01	Tenakill Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160050-01	Tennent Brook (above 74d 19m 05s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105160060-01	Tennent Brook (below 74d 19m 05s)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
08	02030105030040-01	Third Neshanic River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
04	02030103150010-01	Third River	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
13	BarneгатBay04	Toms R Estuary	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	N/A	N/A	N/A	Attaining	Insufficient Data	N/A	N/A	N/A
13	02040301060020-01	Toms River (74-22-30 rd to Francis Mills)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301060010-01	Toms River (above Francis Mills)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301060070-01	Toms River (Rt 70 to Hope Chapel Road)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105030030-01	Trout Brook	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070050-01	Trout Brook / Lake Tranquility	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
15	02040302070110-01	Tuckahoe River (below Rt 49)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	N/A	N/A	Attaining
15	02040302070120-01	Tuckahoe River (lower)	Insufficient Data	N/A	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301190060-01	Tulpehocken Creek	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040104110020-01	UDRV tribs (Flat Bk to Dingmans Ferry)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
01	02040105110030-01	UDRV tribs (Rt 22 to Buckhorn Ck)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining

WMA	Waterbody	Name	E.coli	Enterococcus	Total Coliform	Beach Closing (Enterococcus)	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
13	BarneгатBay04	Toms R Estuary	N/A	Non-attaining	Non-attaining	Non-attaining	Insufficient Data	Attaining	Attaining	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301060020-01	Toms River (74-22-30 rd to Francis Mills)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301060010-01	Toms River (above Francis Mills)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301060070-01	Toms River (Rt 70 to Hope Chapel Road)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105030030-01	Trout Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070050-01	Trout Brook / Lake Tranquility	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070110-01	Tuckahoe River (below Rt 49)	Attaining	Insufficient Data	Non-attaining	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
15	02040302070120-01	Tuckahoe River (lower)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190060-01	Tulpehocken Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104110020-01	UDRV tribs (Flat Bk to Dingmans Ferry)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110030-01	UDRV tribs (Rt 22 to Buckhorn Ck)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
13	BarneгатBay04	Toms R Estuary	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301060020-01	Toms River (74-22-30 rd to Francis Mills)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301060010-01	Toms River (above Francis Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
13	02040301060070-01	Toms River (Rt 70 to Hope Chapel Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
01	02040105030030-01	Trout Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070050-01	Trout Brook / Lake Tranquility	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070110-01	Tuckahoe River (below Rt 49)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
15	02040302070120-01	Tuckahoe River (lower)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190060-01	Tulpehocken Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104110020-01	UDRV tribs (Flat Bk to Dingmans Ferry)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110030-01	UDRV tribs (Rt 22 to Buckhorn Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
13	BarnegatBay04	Toms R Estuary	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060010-01	Toms River (above Francis Mills)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301060070-01	Toms River (Rt 70 to Hope Chapel Road)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
01	02040105030030-01	Trout Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105070050-01	Trout Brook / Lake Tranquility	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Non-attaining	Attaining
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070110-01	Tuckahoe River (below Rt 49)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070120-01	Tuckahoe River (lower)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190060-01	Tulpehocken Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104110020-01	UDRV tribs (Flat Bk to Dingmans Ferry)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105110030-01	UDRV tribs (Rt 22 to Buckhorn Ck)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
01	02040105100010-01	Union Church trib	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
01	02040104240010-01	Van Campens Brook	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
12	02030104060050-01	Waackaack Creek	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301200030-01	Wading River (below Rt 542)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301190020-01	Wading River WB (above Rt 532)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
14	02040301190030-01	Wading River WB (Rt 563 to Rt 532)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
02	02020007030010-01	Walkill R (41d13m30s to Martins Road)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
02	02020007010080-01	Walkill R (Franklin Pond to Ogdensburg)	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data
02	02020007010040-01	Walkill R (Hamburg SW Bdy to Frkln Pnd)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
02	02020007010070-01	Walkill R (Martins Rd to Hamburg SW Bdy)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
02	02020007010020-01	Walkill R (Ogdensburg to SpartaStation)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
02	02020007010010-01	Walkill R / Lake Mohawk(above Sparta Sta)	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
02	02020007030030-01	Walkill River (Owens gage to 41d13m30s)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
02	02020007030040-01	Walkill River (stateline to Owens gage)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
01	02040105100010-01	Union Church trib	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	N/A	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104240010-01	Van Campens Brook	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060050-01	Waackaack Creek	Insufficient Data	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
14	02040301200030-01	Wading River (below Rt 542)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Insufficient Data	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190020-01	Wading River WB (above Rt 532)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
14	02040301190030-01	Wading River WB (Rt 563 to Rt 532)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030010-01	Walkkill R (41d13m30s to Martins Road)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007010080-01	Walkkill R (Franklin Pond to Ogdensburg)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007010040-01	Walkkill R (Hamburg SW Bdy to Frkln Pnd)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007010070-01	Walkkill R (Martins Rd to Hamburg SW Bdy)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007010020-01	Walkkill R (Ogdensburg to SpartaStation)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007010010-01	Walkkill R / Lake Mohawk(above Sparta Sta)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007030030-01	Walkkill River (Owens gage to 41d13m30s)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
02	02020007030040-01	Walkkill River (stateline to Owens gage)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
01	02040105100010-01	Union Church trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040104240010-01	Van Campens Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104060050-01	Waackaack Creek	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301200030-01	Wading River (below Rt 542)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190020-01	Wading River WB (above Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining
14	02040301190030-01	Wading River WB (Rt 563 to Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030010-01	Walkkill R (41d13m30s to Martins Road)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
02	02020007010080-01	Walkkill R (Franklin Pond to Ogdensburg)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
02	02020007010040-01	Walkkill R (Hamburg SW Bdy to Frkln Pnd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
02	02020007010070-01	Walkkill R (Martins Rd to Hamburg SW Bdy)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
02	02020007010020-01	Walkkill R (Ogdensburg to SpartaStation)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining
02	02020007010010-01	Walkkill R / Lake Mohawk(above Sparta Sta)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining
02	02020007030030-01	Walkkill River (Owens gage to 41d13m30s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
02	02020007030040-01	Walkkill River (stateline to Owens gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
01	02040105100010-01	Union Church trib	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Heptachlor epoxide, Hexachlorobenzene	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
01	02040104240010-01	Van Campens Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Attaining	Attaining	Attaining
12	02030104060050-01	Waackaack Creek	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
14	02040301200030-01	Wading River (below Rt 542)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190020-01	Wading River WB (above Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301190030-01	Wading River WB (Rt 563 to Rt 532)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010020-01	Wallkill R (Ogdensburg to SpartaStation)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
13	02040301120010-01	Waretown Creek / Lochiel Creek	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
15	02040302050010-01	Watering Race Branch (Babcock Creek)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
02	02020007040050-01	Wawayanda Creek & tribs	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105150010-01	Weamaconk Creek	Non-attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301090010-01	Webbs Mill Branch	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
01	02040105150010-01	Weldon Brook/Beaver Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
03	02030103070040-01	West Brook/Burnt Meadow Brook	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
16	02040206210020-01	West Ck (above Rt 550)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Insufficient Data	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
12	02030104090010-01	Whale Pond Brook	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103020010-01	Whippany R (above road at 74d 33m)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data
17	02040206170020-01	White Marsh Run (Millville)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	N/A	Insufficient Data	Insufficient Data
15	02040302040040-01	White Oak Branch (Hospitality Branch)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Non-attaining	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining

WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
13	02040301120010-01	Waretown Creek / Lochiel Creek	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Non-attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
15	02040302050010-01	Watering Race Branch (Babcock Creek)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040050-01	Wawayanda Creek & tribs	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
09	02030105150010-01	Weamaconk Creek	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining
13	02040301090010-01	Webbs Mill Branch	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105150010-01	Weldon Brook/Beaver Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070040-01	West Brook/Burnt Meadow Brook	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
16	02040206210020-01	West Ck (above Rt 550)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	N/A	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Attaining	N/A	N/A	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Non-attaining	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090010-01	Whale Pond Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020010-01	Whippany R (above road at 74d 33m)	Attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
17	02040206170020-01	White Marsh Run (Millville)	Insufficient Data	N/A	N/A	N/A	Non-attaining	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302040040-01	White Oak Branch (Hospitality Branch)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Non-attaining	N/A	N/A	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
13	02040301120010-01	Waretown Creek / Lochiel Creek	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
15	02040302050010-01	Watering Race Branch (Babcock Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040050-01	Wawayanda Creek & tribs	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
09	02030105150010-01	Weamaconk Creek	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
13	02040301090010-01	Webbs Mill Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
01	02040105150010-01	Weldon Brook/Beaver Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070040-01	West Brook/Burnt Meadow Brook	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
16	02040206210020-01	West Ck (above Rt 550)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090010-01	Whale Pond Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020010-01	Whippany R (above road at 74d 33m)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
17	02040206170020-01	White Marsh Run (Millville)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
15	02040302040040-01	White Oak Branch (Hospitality Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
13	02040301120010-01	Waretown Creek / Lochiel Creek	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302050010-01	Watering Race Branch (Babcock Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007040050-01	Wawayanda Creek & tribs	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
09	02030105150010-01	Weamaconk Creek	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301090010-01	Webbs Mill Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105150010-01	Weldon Brook/Beaver Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
03	02030103070040-01	West Brook/Burnt Meadow Brook	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210020-01	West Ck (above Rt 550)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090010-01	Whale Pond Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020010-01	Whippany R (above road at 74d 33m)	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
17	02040206170020-01	White Marsh Run (Millville)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
15	02040302040040-01	White Oak Branch (Hospitality Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

WMA	Waterbody	Name	Biological (Cause Unknown)	Biological Trout (Cause Unknown)	DO	DO Trout	Temperature	Temperature Trout	pH	Total Phosphorus	Nitrate	Total Suspended Solids	Total Dissolved Solids	Turbidity	Unionized Ammonia	Unionized Ammonia Trout	Chloride	Sulfate
15	02040302070100-01	Willis Thorofare / Hughes Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
12	02030104070020-01	Willow Brook	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
14	02040301160040-01	Wisickaman Creek	Non-attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
07	02030104050110-01	Woodbridge Creek	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	N/A	N/A	N/A	Insufficient Data	Insufficient Data	N/A	N/A	N/A
18	02040202120100-01	Woodbury Creek (above Rt 45)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Non-attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Insufficient Data
13	02040301080010-01	Wrangel Brook (above Michaels Branch)	Attaining	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Insufficient Data	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	N/A	Insufficient Data	Insufficient Data
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Attaining	N/A	Attaining	N/A	Attaining	N/A	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	N/A	Attaining	Attaining
02	02020007020020-01	Wykertown tribs (Papakating Creek)	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	N/A	Attaining	Insufficient Data
01	02040105050040-01	Yards Creek	Attaining	Attaining	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Non-attaining	N/A	Attaining	N/A	Attaining	N/A	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	N/A	Insufficient Data	Insufficient Data
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Non-attaining	N/A	Insufficient Data	N/A	Attaining	N/A	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data	N/A	Insufficient Data	Insufficient Data
14	02040301180010-01	Yellow Dam Branch	Attaining	N/A	Non-attaining	N/A	Attaining	N/A	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	N/A	Attaining	Attaining

N/A = Not Applicable



WMA	Waterbody	Name	<i>E.coli</i>	<i>Enterococcus</i>	Total Coliform	Beach Closing ( <i>Enterococcus</i> )	Arsenic-Human Health (HH)	Cadmium-HH	Chromium-HH	Copper-HH	Lead-HH	Mercury-HH	Nickel-HH	Selenium-HH	Silver-HH	Thallium-HH	Zinc-HH	Arsenic-Aquatic Life (AQL)
15	02040302070100-01	Willis Thorofare / Hughes Creek	N/A	Insufficient Data	Non-attaining	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070020-01	Willow Brook	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160040-01	Wisickaman Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050110-01	Woodbridge Creek	N/A	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120100-01	Woodbury Creek (above Rt 45)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080010-01	Wrangel Brook (above Michaels Branch)	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Non-attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Non-attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Non-attaining	Insufficient Data	Non-attaining	N/A	Non-attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data	Attaining	Insufficient Data
02	02020007020020-01	Wykertown tribs (Papakating Creek)	Attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050040-01	Yards Creek	Insufficient Data	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Insufficient Data
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Non-attaining	N/A	N/A	N/A	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180010-01	Yellow Dam Branch	Attaining	N/A	N/A	N/A	Non-attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining

N/A = Not Applicable

WMA	Waterbody	Name	Cadmium-AQL	Chromium-AQL	Copper-AQL	Lead-AQL	Mercury-AQL	Nickel-AQL	Selenium-AQL	Silver-AQL	Zinc-AQL	Arsenic AQLc
15	02040302070100-01	Willis Thorofare / Hughes Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070020-01	Willow Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160040-01	Wisickaman Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050110-01	Woodbridge Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120100-01	Woodbury Creek (above Rt 45)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080010-01	Wrangel Brook (above Michaels Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining	Insufficient Data
02	02020007020020-01	Wykertown tribs (Papakating Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050040-01	Yards Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Insufficient Data
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180010-01	Yellow Dam Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining	Attaining

N/A = Not Applicable

WMA	Waterbody	Name	Cadmium AQLc	Chromium AQLc	Copper AQLc	Lead AQLc	Mercury AQLc	Nickel AQLc	Selenium AQLc	Zinc AQLc	Toxics (Non-attaining)	Fish-Mercury	Fish-Dioxin	Fish-Chlordane	Fish-PCB	Fish-DDT and metabolites
15	02040302070100-01	Willis Thorofare / Hughes Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070020-01	Willow Brook	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301160040-01	Wisickaman Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
07	02030104050110-01	Woodbridge Creek	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	PCB, Mercury, Dioxin, DDD, DDE, DDT, Dieldrin, Chlordane, Benzo(a)Pyrene, Hexachlorobenzene, Heptachlor epoxide	Non-attaining	Non-attaining	Non-attaining	Non-attaining	Non-attaining
18	02040202120100-01	Woodbury Creek (above Rt 45)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Non-attaining	Insufficient Data	Non-attaining	Non-attaining	Non-attaining
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Non-attaining	Insufficient Data
13	02040301080010-01	Wrangel Brook (above Michaels Branch)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Insufficient Data	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
02	02020007020020-01	Wykertown tribs (Papakating Creek)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Attaining	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
01	02040105050040-01	Yards Creek	Insufficient Data	Insufficient Data	Attaining	Insufficient Data	Insufficient Data	Attaining	Attaining	Attaining		Non-attaining	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
14	02040301180010-01	Yellow Dam Branch	Insufficient Data	Attaining	Insufficient Data	Attaining	Attaining	Attaining	Attaining	Attaining		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data

N/A = Not Applicable

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Station Number	Cycle 1st Listed	Designated Use	Sublist 5 Subpart (A, R, L)	Priority Ranking for TMDL
15	02040302020030-01	Absecon Creek (AC Reserviors) (gage to SB)	Mercury in Fish Tissue	Atlantic City Reservoir (Upper)	2014	Fish Consumption		Low
15	02040302020030-01	Absecon Creek (AC Reserviors) (gage to SB)	Mercury in Water Column	01410455	2010	Water Supply		Low
15	02040302020040-01	Absecon Creek (below gage)	Mercury in Fish Tissue	Atlantic City Reservoir (Lower)	2008	Fish Consumption		Low
15	02040302020040-01	Absecon Creek (below gage)	Oxygen, Dissolved	R33, 2401	2004	Aquatic Life		Medium
15	02040302020040-01	Absecon Creek (below gage)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
15	02040302020010-01	Absecon Creek NB	Mercury in Fish Tissue	Atlantic City Reservoir (Lower)	2008	Fish Consumption		Low
15	02040302020010-01	Absecon Creek NB	pH	ANOABGSP	2006	Aquatic Life		Medium
15	02040302020020-01	Absecon Creek SB	Mercury in Water Column	01410455	2008	Water Supply		Low
14	02040301160110-01	Albertson Brook / Gun Branch	pH	0140941020, 0140940970, NALDEREL	2006	Aquatic Life		Medium
11	02040105210010-01	Alexauken Ck (above 74d 55m)	pH	01461900	2014	Aquatic Life		Medium
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Temperature, water	01461900	2006	Aquatic Life - Trout	R	Medium
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Arsenic	01461840	2012	Water Supply		Low
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Escherichia coli	01461840	2012	Recreation	R	Medium
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	pH	01461900	2012	Aquatic Life, Aquatic Life - Trout		Medium
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Temperature, water	01461900	2006	Aquatic Life - Trout	R	Medium
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Arsenic	01482880	2008	Water Supply	A	Low
17	02040206060020-01	Alloway Ck (above Alloway-Woodstown Rd)	Total Suspended Solids (TSS)	01482880	2008	Aquatic Life		Medium
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	Total Coliform	Shellfish Network	2014	Shellfish		Medium
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low

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17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
18	02040202120060-01	Almonesson Creek	Arsenic	01467368	2012	Water Supply		Low
18	02040202120060-01	Almonesson Creek	Oxygen, Dissolved	01467368	2010	Aquatic Life		Medium
18	02040202120060-01	Almonesson Creek	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
18	02040202120060-01	Almonesson Creek	Phosphorus (Total)	01467368	2014	Aquatic Life		Medium
18	02040202120060-01	Almonesson Creek	Turbidity	01467368	2012	Aquatic Life		Medium
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Cause Unknown	AN0425, AN0425A	2006	Aquatic Life		Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Cause Unknown	NB224/219/214/211/210/209/208/230/229	2007	Aquatic Life		Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Chlordane in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Dieldrin	HEP	2008	Fish Consumption	L	Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Hexachlorobenzene	HEP	2008	Fish Consumption		Low
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Arsenic	01464577	2008	Water Supply		Low

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20	02040201100010-01	Assiscunk Ck (above Rt 206)	Total Suspended Solids (TSS)	01464577	2010	Aquatic Life	R	Medium
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	Escherichia coli	BFBM000013	2012	Recreation		Medium
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Arsenic	01464588, 20-as-1	2006	Water Supply		Low
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Cause Unknown	AN0141	2008	Aquatic Life		Low
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Arsenic	01464588, 20-as-1	1998	Water Supply		Low
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Cause Unknown	AN0141	2008	Aquatic Life		Low
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Escherichia coli	BFBM000053	2012	Recreation		Medium
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Arsenic	01463520	2012	Water Supply		Low
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Escherichia coli	01463520	2012	Recreation		Medium
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Phosphorus (Total)	01463520	2012	Aquatic Life		Medium
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Arsenic	01463610, 01464020, 11-as-3	1998	Water Supply		Low
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Lead	01463610, 01464020, 11-as-3	2010	Water Supply		Low
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Mercury in Fish Tissue	Assunpink Creek	2010	Fish Consumption		Low
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Phosphorus (Total)	01464020	2010	Aquatic Life		Medium
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Arsenic	01463568	2012	Water Supply		Low
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	PCB in Fish Tissue	Assunpink Lake, Assunpink Creek	2012	Fish Consumption	L	Low
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Phosphorus (Total)	01463568	2010	Aquatic Life		Medium

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11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Total Suspended Solids (TSS)	01463568	2010	Aquatic Life		Medium
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Arsenic	01463610, 01463620, 11-as-2	1998	Water Supply		Low
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Cause Unknown	AN0109	2006	Aquatic Life		Low
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Chlordane in Fish Tissue	Mercer Co. Park Lake	2014	Fish Consumption	L	Low
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Escherichia coli	01463610	2014	Recreation		Medium
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Mercury in Fish Tissue	Assunpink Lake, Mercer Co. Park Lake, Assunpink Cree	2006	Fish Consumption		Low
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	PCB in Fish Tissue	Assunpink Lake, Mercer Co. Park Lake, Assunpink Cree	2012	Fish Consumption	L	Low
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Arsenic	01463610, 11-as-4	1998	Water Supply		Low
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Cause Unknown	AN0109	2006	Aquatic Life		Low
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Escherichia coli	01463610	2008	Recreation		Medium
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	PCB in Fish Tissue	Mercer Co. Park Lake, Assunpink Lake	2014	Fish Consumption	L	Low
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	Oxygen, Dissolved	JC85E, JC85G, A85A2, A87A	2006	Aquatic Life		Medium
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	Oxygen, Dissolved	A74A, JC75E, JC75G	2006	Aquatic Life		Medium
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	Oxygen, Dissolved	JC61E	2006	Aquatic Life		Medium
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	Oxygen, Dissolved	JC99, A110B, A107A	2006	Aquatic Life		Medium
16	02040302940020-01	Atl Coast(Corson to Townsends In)	Oxygen, Dissolved	JC87	2010	Aquatic Life		Medium
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	Oxygen, Dissolved	A81B, JC81	2006	Aquatic Life		Medium
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	Oxygen, Dissolved	JC69G, JC69E	2006	Aquatic Life		Medium

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16	02040302940040-01	Atl Coast(Hereford to Cape May In)	Oxygen, Dissolved	A105A2, A101A, JC92	2006	Aquatic Life		Medium
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	Oxygen, Dissolved	JC44	2006	Aquatic Life		Medium
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	Oxygen, Dissolved	JC69E, JC69G, JC75E, JC75G	2006	Aquatic Life		Medium
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	Oxygen, Dissolved	JC41G, JC37, JC41E, JC41	2006	Aquatic Life		Medium
12	02030104920020-01	Atl Coast(Navesink R to WhalePond)	Oxygen, Dissolved	JC14E, JC14G	2006	Aquatic Life		Medium
16	02040303060201-01	Atl Coast(off Cape May Pt)	Oxygen, Dissolved	A110B, A107A, JC99	2010	Aquatic Life		Medium
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	Oxygen, Dissolved	JC53E, JC61G, JC53G	2006	Aquatic Life		Medium
12	02030104920010-01	Atl Coast(Sandy H to Navesink R)	Oxygen, Dissolved	JC03, JC05, NYB20	2006	Aquatic Life		Medium
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	Oxygen, Dissolved	JC27, JC26	2006	Aquatic Life		Medium
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	Oxygen, Dissolved	JC65	2006	Aquatic Life		Medium
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	Oxygen, Dissolved	JC90E, A93A2, A94A, A94A2, JC89, JC90G, 3310	2010	Aquatic Life		Medium
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Oxygen, Dissolved	A77B, JC79	2006	Aquatic Life		Medium
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	Oxygen, Dissolved	JC27G, JC27E, JC21	2006	Aquatic Life		Medium
15	02040302050020-01	Babcock Creek (GEHR)	pH	01411196, LJALEIPZ	2002	Aquatic Life		Medium
08	02030105030050-01	Back Brook	Cause Unknown	AN0334, AN0335, SBWA18	2006	Aquatic Life		Low
08	02030105030050-01	Back Brook	Escherichia coli	BFBM000009	2012	Recreation	R	Medium
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Phosphorus (Total)	01464523	2006	Aquatic Life		Medium
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
09	02030105150050-01	Barclay Brook	Escherichia coli	01405285	2010	Recreation		Medium
09	02030105150050-01	Barclay Brook	pH	01405285, BaB1	2002	Aquatic Life		Medium



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20	02040201100020-01	Barkers Brook (above 40d02m30s)	Arsenic	01464583	2008	Water Supply		Low
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Oxygen, Dissolved	01464583	2014	Aquatic Life		Medium
13	BarnegatBay05	Barnegat Bay Central West	Oxygen, Dissolved	BB07a	2014	Aquatic Life		Medium
19	02040202060040-01	Barton Run (above Kettle Run Road)	Arsenic	01465865	2008	Water Supply		Low
19	02040202060040-01	Barton Run (above Kettle Run Road)	Oxygen, Dissolved	01465865	2008	Aquatic Life		Medium
19	02040202060040-01	Barton Run (above Kettle Run Road)	pH	01465865	2006	Aquatic Life		Medium
19	02040202060050-01	Barton Run (below Kettle Run Road)	Arsenic	01465865	2008	Water Supply		Low
19	02040202060050-01	Barton Run (below Kettle Run Road)	Oxygen, Dissolved	01465865	2008	Aquatic Life		Medium
19	02040202060050-01	Barton Run (below Kettle Run Road)	pH	01465865, WBAJENNS, WBLRT544, Kings Grant Lake	2004	Aquatic Life		Medium
19	02040202060050-01	Barton Run (below Kettle Run Road)	Phosphorus (Total)	Kings Grant Lake	2010	Aquatic Life		Medium
14	02040301200050-01	Bass River EB	Arsenic	01410150, 14-ebr-1	2012	Water Supply	A	Low
14	02040301200050-01	Bass River EB	DDT and its metabolites in Fish Tissue	Lake Absegami	2010	Fish Consumption	L	Low
14	02040301200050-01	Bass River EB	PCB in Fish Tissue	Lake Absegami	2010	Fish Consumption	L	Low
14	02040301150010-01	Batsto River (above Hampton Gate)	pH	BBACARRZ, BHOBUTTR	2006	Aquatic Life		Medium
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	pH	01409470, 01409500, BBAPENNS	2002	Aquatic Life		Medium
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	pH	01409432	2002	Aquatic Life		Medium
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	pH	01409470, BBALFORG	2002	Aquatic Life		Medium
10	02030105100120-01	Bear Brook (above Trenton Road)	Arsenic	01400775	2008	Water Supply		Low
10	02030105100120-01	Bear Brook (above Trenton Road)	Escherichia coli	01400775	2008	Recreation		Medium

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10	02030105100130-01	Bear Brook (below Trenton Road)	Arsenic	01400775, 01400808	2008	Water Supply		Low
10	02030105100130-01	Bear Brook (below Trenton Road)	Escherichia coli	01400775, 01400808	2008	Recreation		Medium
10	02030105100130-01	Bear Brook (below Trenton Road)	Oxygen, Dissolved	01400808, BBB2-GMP	2010	Aquatic Life		Medium
10	02030105100130-01	Bear Brook (below Trenton Road)	Phosphorus (Total)	01400808, BBB1-GMPi	2012	Aquatic Life		High
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Cause Unknown	AN0040A	2006	Aquatic Life		Low
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Escherichia coli	01445160	2012	Recreation		Medium
19	02040202060060-01	Bear Swamp River	Cause Unknown	AN0159	2010	Aquatic Life		Low
08	02030105020050-01	Beaver Brook (Clinton)	Escherichia coli	BFBM000043	2012	Recreation		Medium
08	02030105020050-01	Beaver Brook (Clinton)	pH	BvB1	2010	Aquatic Life, Aquatic Life - Trout		Medium
08	02030105020050-01	Beaver Brook (Clinton)	Phosphorus (Total)	01396812, BvB1	2006	Aquatic Life, Aquatic Life - Trout		High
08	02030105020050-01	Beaver Brook (Clinton)	Temperature, water	BvB1	2010	Aquatic Life - Trout		Medium
06	02030103030110-01	Beaver Brook (Morris County)	Arsenic	01380100	2012	Water Supply		Low
06	02030103030110-01	Beaver Brook (Morris County)	Cause Unknown	AN0246	2012	Aquatic Life		Low
18	02040202160040-01	Beaver Creek (Oldmans Creek)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
02	02020007010060-01	Beaver Run	Cause Unknown	AN0301	2006	Aquatic Life		Low
13	02040301040010-01	Beaverdam Creek	Cause Unknown	AN0513	2008	Aquatic Life		Low
10	02030105110040-01	Beden Brook (above Province Line Rd)	Arsenic	01401520, 10-bed-1	2012	Water Supply		Low
10	02030105110040-01	Beden Brook (above Province Line Rd)	Escherichia coli	01401520	2010	Recreation	R	Medium
10	02030105110050-01	Beden Brook (below Province Line Rd)	Arsenic	01401600, 10-bed-2, 10-bed-3	2004	Water Supply		Low
10	02030105110050-01	Beden Brook (below Province Line Rd)	Phosphorus (Total)	01401600	2002	Aquatic Life		High
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Arsenic	Berry's Creek Reach 02030103-034	1998	Fish Consumption		Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low

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05	02030103180060-01	Berrys Creek (above Paterson Ave)	Cadmium	Berry's Creek Reach 02030103-034	1998	Aquatic Life, Fish Consumption		Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Copper	Berry's Creek Reach 02030103-034	1998	Aquatic Life		Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Dieldrin	HEP	2007	Fish Consumption	L	Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Heptachlor epoxide	HEP	2014	Fish Consumption	L	Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Lead	Berry's Creek Reach 02030103-034	1998	Aquatic Life		Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Mercury in Fish Tissue	HEP	1998	Fish Consumption		Low
05	02030103180060-01	Berrys Creek (above Paterson Ave)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Arsenic	Berry's Creek Reach 02030103-034	1998	Fish Consumption		Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Chromium (total)	Adjacent to Berry's Creek Reach 02030103-034-0.11	1998	Fish Consumption		Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Copper	Berry's Creek Reach 02030103-034	1998	Aquatic Life		Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Dieldrin	HEP	2007	Fish Consumption	L	Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low

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05	02030103180070-01	Berrys Creek (below Paterson Ave)	Heptachlor epoxide	HEP	2014	Fish Consumption	L	Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Lead	Berry's Creek Reach 02030103-034	1998	Aquatic Life		Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Mercury in Fish Tissue	HEP	1998	Fish Consumption		Low
05	02030103180070-01	Berrys Creek (below Paterson Ave)	PCB in Fish Tissue	HEP	1998	Fish Consumption	L	Low
16	02040206230010-01	Bidwell Creek (above Rt 47)	Oxygen, Dissolved	R39	2004	Aquatic Life		Medium
16	02040206230010-01	Bidwell Creek (above Rt 47)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
16	02040206230020-01	Bidwell Creek (below Rt 47)- Dias to GoshenCk	Oxygen, Dissolved	R39	2006	Aquatic Life		Medium
16	02040206230020-01	Bidwell Creek (below Rt 47)- Dias to GoshenCk	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
12	02030104070030-01	Big Brook	Arsenic	01407280, 01407320	2012	Water Supply		Low
12	02030104070030-01	Big Brook	Mercury in Water Column	01407320	2014	Water Supply		Low
12	02030104070030-01	Big Brook	pH	01407320 01407280, MCHD-21	2010	Aquatic Life		Medium
12	02030104070030-01	Big Brook	Phosphorus (Total)	01407320, MCHD-21	2002	Aquatic Life		Medium
01	02040104140010-01	Big Flat Brook (above Forked Brook)	PCB in Fish Tissue	Saw Mill Lake	2014	Fish Consumption	L	Low
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Arsenic	01439830	2012	Water Supply		Low
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Temperature, water	01439830	2012	Aquatic Life - Trout		Medium
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Arsenic	01467359	2012	Water Supply		Low
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Phosphorus (Total)	01467359	2002	Aquatic Life		Medium
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Arsenic	01467359	2012	Water Supply		Low
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Phosphorus (Total)	01467359	2002	Aquatic Life		Medium

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18	02040202120050-01	Big Timber Creek SB (below Bull Run)	PCB in Fish Tissue	Big Timber Creek, Delaware River Tribs to Head of T	2006	Fish Consumption	L	Low
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Phosphorus (Total)	01467331	2002	Aquatic Life		Medium
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Arsenic	01467329, 18-big-1	2006	Water Supply		Low
18	02040202150070-01	Birch Creek	PCB in Fish Tissue	Raccoon Creek	2014	Fish Consumption	L	Low
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Phosphorus (Total)	Lebanon Lake	2014	Aquatic Life		Medium
06	02030103010060-01	Black Brook (Great Swamp NWR)	Arsenic	01378855, 01378895	2012	Water Supply		Low
06	02030103010060-01	Black Brook (Great Swamp NWR)	Oxygen, Dissolved	01378895, BB2	2008	Aquatic Life		Medium
06	02030103010060-01	Black Brook (Great Swamp NWR)	Total Dissolved Solids (TDS)	GSWA BB2	2008	Water Supply		Medium
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Phosphorus (Total)	Wallkill F	2014	Aquatic Life, Aquatic Life - Trout		Medium
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Arsenic	01368950	2012	Water Supply		Low
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Oxygen, Dissolved	01368950, Wallkill G	2006	Aquatic Life		Medium
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Cause Unknown	AN0529	2012	Aquatic Life		Low
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Escherichia coli	AN0529	2014	Recreation		Medium
20	02040201080030-01	Blacks Creek (below Bacons Run)	Escherichia coli	01464532	2008	Recreation		Medium
20	02040201080030-01	Blacks Creek (below Bacons Run)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
20	02040201080030-01	Blacks Creek (below Bacons Run)	Phosphorus (Total)	01464532	2006	Aquatic Life		Medium
20	02040201080030-01	Blacks Creek (below Bacons Run)	Total Suspended Solids (TSS)	01464532	2006	Aquatic Life		Medium
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Arsenic	01411495	2012	Water Supply		Low

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17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Mercury in Water Column	01411495	2008	Water Supply		Low
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Arsenic	01411495	2012	Water Supply		Low
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Mercury in Water Column	01411495	2008	Water Supply		Low
01	02040105050020-01	Blair Creek	Temperature, water	AN0027	2014	Aquatic Life - Trout		Medium
14	02040301160100-01	Blue Anchor Brook	pH	0140940950, NBLSPRNG, Anchor Lake One	2002	Aquatic Life		Medium
19	02040202070010-01	Bobbys Run	Cause Unknown	AN0171A	2008	Aquatic Life		Low
19	02040202070010-01	Bobbys Run	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Dioxin (including 2, 3, 7, 8-TCDD)	Bound Bk at New Market Pond, New Market Pond	2008	Fish Consumption		Low
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	PCB in Fish Tissue	New Market Pond, Bound Brook	2006	Fish Consumption	L	Low
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Phosphorus (Total)	01403385	2002	Aquatic Life		Medium
12	02030104080030-01	Branchport Creek	DDT and its metabolites in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
12	02030104080030-01	Branchport Creek	Mercury in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption		Low
12	02030104080030-01	Branchport Creek	Oxygen, Dissolved	MCHD-45, MCHD-47, 1135B	2006	Aquatic Life		Medium
12	02030104080030-01	Branchport Creek	PCB in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	Total Coliform	Shellfish Network	2014	Shellfish		Medium
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Temperature, water	BFBM000182	2014	Aquatic Life - Trout		Medium
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Arsenic	01411955	2012	Water Supply	A	Low
17	02040206170050-01	Buckshutem Creek (below Rt 555)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low

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17	02040206170050-01	Buckshutem Creek (below Rt 555)	Phosphorus (Total)	Laurel Lake	2014	Aquatic Life		Medium
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Arsenic	01411483, 17-hud-1	2004	Water Supply		Low
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	pH	01411483	2010	Aquatic Life		Medium
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Arsenic	01465808	2008	Water Supply		Low
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Oxygen, Dissolved	01465808	2006	Aquatic Life		Medium
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Arsenic	01465808	2008	Water Supply		Low
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Oxygen, Dissolved	01465808	2006	Aquatic Life		Medium
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Arsenic	01465808	2008	Water Supply		Low
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Oxygen, Dissolved	01465808	2006	Aquatic Life		Medium
08	02030105020060-01	Capepoulin Creek	DDT and its metabolites in Fish Tissue	Capepoulin Creek Reach 02030105-043-0.00	2006	Fish Consumption	L	Low
06	02030103010140-01	Canoe Brook	Arsenic	01379525	2012	Water Supply		Low
06	02030103010140-01	Canoe Brook	Total Dissolved Solids (TDS)	01379525, 01379530	2012	Water Supply		Medium
17	02040206070040-01	Canton Drain (below Maskell Mill)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206070040-01	Canton Drain (below Maskell Mill)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	Oxygen, Dissolved	3215A, 3214B, 3201, 3127C	2010	Aquatic Life		Medium
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Oxygen, Dissolved	3307N, 3409H, 3509B, 3504A, 3307B, 3411E, 3312	2010	Aquatic Life		Medium
16	02040302080050-01	Cape May Courthouse tribs	Cause Unknown	WACROOK2	2014	Aquatic Life		Low
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Oxygen, Dissolved	3516C, 3617A	2010	Aquatic Life		Medium
17	02040206100040-01	Cedar Creek (above Rt 553)	Arsenic	01412250	2012	Water Supply	A	Low
17	02040206100040-01	Cedar Creek (above Rt 553)	Mercury in Fish Tissue	Cedar Lake	2008	Fish Consumption		Low

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17	02040206100040-01	Cedar Creek (above Rt 553)	Phosphorus (Total)	Lummis Lake	2014	Aquatic Life		Medium
17	02040206100040-01	Cedar Creek (above Rt 553)	Turbidity	01412250	2012	Aquatic Life		Medium
17	02040206100050-01	Cedar Creek (below Rt 553)	PCB in Fish Tissue	Delaware Bay Tribs	2008	Fish Consumption	L	Low
17	02040206100050-01	Cedar Creek (below Rt 553)	Turbidity	01412250	2012	Aquatic Life		Medium
13	02040301130040-01	Cedar Run	Arsenic	01409255	2012	Water Supply	A	Low
13	02040301130040-01	Cedar Run	Cause Unknown	AN0556	2014	Aquatic Life		Low
08	02030105070020-01	Chambers Brook	Cause Unknown	AN0372, AN0373	2006	Aquatic Life		Low
12	02030104060010-01	Cheesequake Creek / Whale Creek	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060010-01	Cheesequake Creek / Whale Creek	DDT and its metabolites in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060010-01	Cheesequake Creek / Whale Creek	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
12	02030104060010-01	Cheesequake Creek / Whale Creek	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060010-01	Cheesequake Creek / Whale Creek	Total Coliform	Shellfish Network	2014	Shellfish		Medium
18	02040202130030-01	Chestnut Branch (above Sewell)	Phosphorus (Total)	Alcyon Lake	2008	Aquatic Life		Medium
12	02030104060040-01	Chingarora Creek to Thorns Creek	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060040-01	Chingarora Creek to Thorns Creek	DDT and its metabolites in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060040-01	Chingarora Creek to Thorns Creek	Enterococcus	36	2008	Recreation		Medium
12	02030104060040-01	Chingarora Creek to Thorns Creek	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
12	02030104060040-01	Chingarora Creek to Thorns Creek	Oxygen, Dissolved	MCHD-36	2014	Aquatic Life		Medium
12	02030104060040-01	Chingarora Creek to Thorns Creek	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060040-01	Chingarora Creek to Thorns Creek	Total Coliform	Shellfish Network	2014	Shellfish		Medium
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Oxygen, Dissolved	0140940480	2014	Aquatic Life		Medium
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Arsenic	01382280	2012	Water Supply		Low



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03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Temperature, water	AN0260	2012	Aquatic Life - Trout		Medium
01	02040104090020-01	Clove Brook (Delaware R)	Cause Unknown	AN0002	2014	Aquatic Life		Low
01	02040104090020-01	Clove Brook (Delaware R)	PCB in Fish Tissue	Steenykill Lake, Montague Lake	2012	Fish Consumption	L	Low
02	02020007020060-01	Clove Brook (Papakating Ck)	Escherichia coli	01367880	2006	Recreation	R	Medium
02	02020007020060-01	Clove Brook (Papakating Ck)	Temperature, water	AN0308	2006	Aquatic Life - Trout	R	Medium
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Oxygen, Dissolved	R47	2014	Aquatic Life		Medium
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206090100-01	Cohansey R (below Greenwich)	Chlordane in Fish Tissue	Cohansey River at Greenwich	2006	Fish Consumption	L	Low
17	02040206090100-01	Cohansey R (below Greenwich)	DDT and its metabolites in Fish Tissue	Cohansey River at Greenwich	2006	Fish Consumption	L	Low
17	02040206090100-01	Cohansey R (below Greenwich)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Chlordane in Fish Tissue	Cohansey River at Greenwich	2006	Fish Consumption	L	Low
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	DDT and its metabolites in Fish Tissue	Cohansey River at Greenwich	2006	Fish Consumption	L	Low
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Mercury in Fish Tissue	Cohansey River at Greenwich	2006	Fish Consumption		Low
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	PCB in Fish Tissue	Cohansey River at Greenwich	2008	Fish Consumption	L	Low
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Oxygen, Dissolved	R47	2012	Aquatic Life		Medium
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	PCB in Fish Tissue	Delaware Bay Tribs	2008	Fish Consumption	L	Low
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	pH	HMAPINEY, HMAUNEXS, HMAALBER, HMABLUEA	2006	Aquatic Life		Medium
17	02040206060010-01	Cool Run	Cause Unknown	AN0700	2014	Aquatic Life		Low
18	02040202110030-01	Cooper River (above Evesham Road)	Arsenic	01467150, 18-co-4	2006	Water Supply		Low

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18	02040202110030-01	Cooper River (above Evesham Road)	Chlordane in Fish Tissue	Kirkwood Lake, Linden Lake	2012	Fish Consumption	L	Low
18	02040202110030-01	Cooper River (above Evesham Road)	DDT and its metabolites in Fish Tissue	Kirkwood Lake, Linden Lake	2006	Fish Consumption	L	Low
18	02040202110030-01	Cooper River (above Evesham Road)	Lead	01467150, 18-co-4	2007	Water Supply		Low
18	02040202110030-01	Cooper River (above Evesham Road)	PCB in Fish Tissue	Kirkwood Lake, Linden Lake	2008	Fish Consumption	L	Low
18	02040202110030-01	Cooper River (above Evesham Road)	Tetrachloroethylene	01467150, 18-co-4	1998	Water Supply		Low
18	02040202110030-01	Cooper River (above Evesham Road)	Trichloroethylene	01467150, 18-co-4	1998	Water Supply		Low
18	02040202110060-01	Cooper River (below Rt 130)	Arsenic	01467190, 18-co-1	2006	Water Supply		Low
18	02040202110060-01	Cooper River (below Rt 130)	DDT and its metabolites in Fish Tissue	Cooper River (Hwy. 130)	2006	Fish Consumption	L	Low
18	02040202110060-01	Cooper River (below Rt 130)	Escherichia coli	Cooper River near Mouth, Cooper River at Cuthbert Blvd	2012	Recreation		Medium
18	02040202110060-01	Cooper River (below Rt 130)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
18	02040202110060-01	Cooper River (below Rt 130)	Tetrachloroethylene	01467190, 18-co-1	1998	Water Supply		Low
18	02040202110060-01	Cooper River (below Rt 130)	Trichloroethylene	01467190, 18-co-1	1998	Water Supply		Low
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Arsenic	01467150, 18-co-1, 18-co-4	1998	Water Supply		Low
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Chlordane in Fish Tissue	Cooper River at mouth of Evans Pond	2008	Fish Consumption	L	Low
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	DDT and its metabolites in Fish Tissue	Cooper River at mouth of Evans Pond	2006	Fish Consumption	L	Low
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Escherichia coli	Cooper River near Mouth, Cooper River at Cuthbert Blvd	2010	Recreation		Medium
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Lead	01467150, 18-co-4	2007	Water Supply		Low
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	PCB in Fish Tissue	Cooper River Park Lake, Cooper River at mouth of Evans Pond	2006	Fish Consumption	L	Low

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18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	pH	Cooper River Lake	2008	Aquatic Life		Medium
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Tetrachloroethylene	01467190, 18-co-1	1998	Water Supply		Low
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Trichloroethylene	01467190, 18-co-1	1998	Water Supply		Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Arsenic	01467150, 18-co-4	1998	Water Supply		Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Chlordane in Fish Tissue	Evans Pond, Cooper River at mouth of Evans Pond	2008	Fish Consumption	L	Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	DDT and its metabolites in Fish Tissue	Evans Pond, Cooper River at mouth of Evans Pond	2006	Fish Consumption	L	Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Lead	01467150, 18-co-4	2007	Water Supply		Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	PCB in Fish Tissue	Evans Pond, Cooper River at mouth of Evans Pond	2006	Fish Consumption	L	Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Tetrachloroethylene	01467150, 18-co-4	1998	Water Supply		Low
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Trichloroethylene	01467150, 18-co-4	1998	Water Supply		Low
18	02040202110010-01	Cooper River NB (above Springdale Road)	Arsenic	01467155, 18-co-2	2004	Water Supply		Low
18	02040202110010-01	Cooper River NB (above Springdale Road)	DDT and its metabolites in Fish Tissue	Cooper River	2006	Fish Consumption	L	Low
18	02040202110010-01	Cooper River NB (above Springdale Road)	Oxygen, Dissolved	01467155	2008	Aquatic Life		Medium
18	02040202110010-01	Cooper River NB (above Springdale Road)	PCB in Fish Tissue	Cooper River	2006	Fish Consumption	L	Low
18	02040202110020-01	Cooper River NB (below Springdale Road)	Arsenic	01467181	2006	Water Supply	A	Low
18	02040202110020-01	Cooper River NB (below Springdale Road)	DDT and its metabolites in Fish Tissue	Cooper River	2006	Fish Consumption	L	Low
18	02040202110020-01	Cooper River NB (below Springdale Road)	PCB in Fish Tissue	Cooper River	2006	Fish Consumption	L	Low

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16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	Oxygen, Dissolved	3103A, 3105A, 3115, 3122A	2010	Aquatic Life		Medium
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Arsenic	01411397	2014	Water Supply		Low
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Oxygen, Dissolved	01411397	2006	Aquatic Life		Medium
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Turbidity	01411397	2010	Aquatic Life		Medium
20	02040201090010-01	Crafts Creek (above Rt 206)	Escherichia coli	BFBM000021	2012	Recreation		Medium
20	02040201090010-01	Crafts Creek (above Rt 206)	Phosphorus (Total)	01464537	2006	Aquatic Life		Medium
20	02040201090020-01	Crafts Creek (below Rt 206)	Arsenic	01464540	2008	Water Supply		Low
20	02040201090020-01	Crafts Creek (below Rt 206)	Cause Unknown	AN0137	2012	Aquatic Life		Low
20	02040201090020-01	Crafts Creek (below Rt 206)	Escherichia coli	BFBM000002	2012	Recreation		Medium
20	02040201090020-01	Crafts Creek (below Rt 206)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	PCB in Fish Tissue	Cranberry Lake	2012	Fish Consumption	L	Low
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Phosphorus (Total)	CB1PPi	2014	Aquatic Life		High
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Oxygen, Dissolved	3101A, 3007A	2006	Aquatic Life		Medium
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Arsenic	0146452360	2008	Water Supply		Low
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Escherichia coli	BFBM000057	2012	Recreation		Medium
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Phosphorus (Total)	01464523	2006	Aquatic Life		Medium
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Total Suspended Solids (TSS)	0146452360	2006	Aquatic Life		Medium
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Arsenic	01464504, 20-cro-2	2006	Water Supply		Low
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Mercury in Fish Tissue	20-cro-2	2006	Fish Consumption		Low

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20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Phosphorus (Total)	01464504	2002	Aquatic Life		Medium
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Turbidity	01464504	2006	Aquatic Life		Medium
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Arsenic	01464485, 01464500, 20-cro-1	2006	Water Supply		Low
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Lead	01464500, 20-cro-1	2012	Water Supply		Low
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Phosphorus (Total)	01464500, 01464485, MCHD-2	2002	Aquatic Life		Medium
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Arsenic	01464400, 01464430	2012	Water Supply		Low
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Phosphorus (Total)	01464430, 01464400	2006	Aquatic Life		Medium
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Arsenic	01464380, 01464400	2008	Water Supply		Low
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Phosphorus (Total)	01464400, 01464380, Oakford Lake	2006	Aquatic Life		Medium
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Arsenic	01464460, 01464485	2006	Water Supply	A	Low
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Phosphorus (Total)	01464460, 01464485, MCHD-2	2006	Aquatic Life		Medium
10	02030105110090-01	Cruser Brook / Roaring Brook	Cause Unknown	AN0403	2012	Aquatic Life		Low
10	02030105110090-01	Cruser Brook / Roaring Brook	Escherichia coli	BFBM000037	2012	Recreation		Medium
03	02030103100060-01	Crystal Lake/Pond Brook	pH	Crystal Lake	2010	Aquatic Life		Medium
09	02030105120070-01	Cuckels Brook	Cause Unknown	AN0415	2008	Aquatic Life		Low
01	02040105040010-01	Culvers Creek	Escherichia coli	BFBM000126	2014	Recreation		Medium
01	02040105040010-01	Culvers Creek	Temperature, water	01443395	2014	Aquatic Life - Trout		Medium
13	02040301080040-01	Davenport Branch (below Pinewald Road)	Escherichia coli	AN0541	2014	Recreation		Medium
06	02030103010100-01	Dead River (below Harrisons Brook)	Oxygen, Dissolved	DR1	2010	Aquatic Life		Medium
12	02030104090030-01	Deal Lake	Chlordane in Fish Tissue	Deal Lake	2010	Fish Consumption	L	Low
12	02030104090030-01	Deal Lake	DDT and its metabolites in Fish Tissue	Deal Lake	2010	Fish Consumption	L	Low

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12	02030104090030-01	Deal Lake	PCB in Fish Tissue	Deal Lake	2010	Fish Consumption	L	Low
12	02030104090030-01	Deal Lake	pH	MCHD-1	2008	Aquatic Life		Medium
09	02030105160010-01	Deep Run (above Monmouth Co line)	Escherichia coli	MCHD-90	2014	Recreation		Medium
09	02030105160010-01	Deep Run (above Monmouth Co line)	Oxygen, Dissolved	01406040	2008	Aquatic Life		Medium
17	02040206060040-01	Deep Run (Alloway)	Arsenic	01483010	2008	Water Supply	A	Low
09	02030105160040-01	Deep Run (below Rt 9)	Arsenic	01406040	2012	Water Supply		Low
09	02030105160040-01	Deep Run (below Rt 9)	Escherichia coli	BFBM000004	2012	Recreation		Medium
09	02030105160040-01	Deep Run (below Rt 9)	Oxygen, Dissolved	01406040	2008	Aquatic Life		Medium
09	02030105160040-01	Deep Run (below Rt 9)	pH	01406040	2014	Aquatic Life		Medium
15	02040302040120-01	Deep Run (GEHR)	Arsenic	01411140	2012	Water Supply	A	Low
15	02040302040120-01	Deep Run (GEHR)	pH	01411140, MDEPANCS, MDEEPR54, Pancoast Mill Pond	2006	Aquatic Life		Medium
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Oxygen, Dissolved	01406040	2008	Aquatic Life		Medium
04	02030103120060-01	Deepavaal Brook	Cause Unknown	AN0271, FIBI044	2006	Aquatic Life		Low
01	02040105060020-01	Delawanna Creek (incl UDRV)	Arsenic	01444520	2012	Water Supply		Low
01	02040105060020-01	Delawanna Creek (incl UDRV)	PCB in Fish Tissue	Delaware Lake	2012	Fish Consumption	L	Low
01	02040105060020-01	Delawanna Creek (incl UDRV)	pH	Delaware Lake	2010	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105060020-01	Delawanna Creek (incl UDRV)	Temperature, water	01444520, AN0033	2012	Aquatic Life - Trout		Medium
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Chlordane in Fish Tissue	Delaware Bay	2006	Fish Consumption	L	Low
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Copper	DRBC	2014	Aquatic Life		Low
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	DDT and its metabolites in Fish Tissue	Delaware Bay	2010	Fish Consumption	L	Low
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Dieldrin	Delaware Bay	2006	Fish Consumption	L	Low
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Mercury in Fish Tissue	Delaware Bay	2010	Fish Consumption		Low
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Oxygen, Dissolved	3826A, 3888, 3827, 3895E	2014	Aquatic Life		Medium
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	pH	DRBC	2014	Aquatic Life		Medium

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17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Turbidity	DRBC	2014	Aquatic Life		Medium
01	Delaware River 2	Delaware River 1C	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
01	Delaware River 2	Delaware River 1C	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
01	Delaware River 2	Delaware River 1C	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low
01	Delaware River 2	Delaware River 1C	PCB in Fish Tissue	Delaware River (DRBC)	2008	Fish Consumption	L	Low
01	Delaware River 2	Delaware River 1C	pH	DRBC	2014	Aquatic Life		Medium
01	Delaware River 8	Delaware River 1D	Aluminum	DRBC	2014	Aquatic Life		Low
01	Delaware River 8	Delaware River 1D	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
01	Delaware River 8	Delaware River 1D	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
01	Delaware River 8	Delaware River 1D	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low
01	Delaware River 8	Delaware River 1D	PCB in Fish Tissue	Delaware River (DRBC)	2008	Fish Consumption	L	Low
01	Delaware River 8	Delaware River 1D	pH	DRBC	2014	Aquatic Life		Medium
11	Delaware River 14	Delaware River 1E	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
11	Delaware River 14	Delaware River 1E	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
11	Delaware River 14	Delaware River 1E	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low
11	Delaware River 14	Delaware River 1E	PCB in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
11	Delaware River 14	Delaware River 1E	pH	DRBC	2008	Aquatic Life		Medium
11	Delaware River 14	Delaware River 1E	Turbidity	DRBC	2014	Aquatic Life		Medium
20	Delaware River 15	Delaware River 2	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
20	Delaware River 15	Delaware River 2	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
20	Delaware River 15	Delaware River 2	Dieldrin	Delaware River (DRBC)	2006	Fish Consumption	L	Low
20	Delaware River 15	Delaware River 2	Escherichia coli	DRBC	2014	Recreation		Medium
20	Delaware River 15	Delaware River 2	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low
20	Delaware River 15	Delaware River 2	Oxygen, Dissolved	DRBC	2014	Aquatic Life		Medium
20	Delaware River 15	Delaware River 2	pH	DRBC	2014	Aquatic Life		Medium
20	Delaware River 15	Delaware River 2	Temperature, water	DRBC	2014	Aquatic Life		Medium
20	Delaware River 15	Delaware River 2	Turbidity	DRBC	2014	Aquatic Life		Medium
18	Delaware River 16	Delaware River 3	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
18	Delaware River 16	Delaware River 3	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
18	Delaware River 16	Delaware River 3	Dieldrin	Delaware River (DRBC)	2006	Fish Consumption	L	Low
18	Delaware River 16	Delaware River 3	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low

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18	Delaware River 16	Delaware River 3	Temperature, water	DRBC	2014	Aquatic Life		Medium
18	Delaware River 16	Delaware River 3	Turbidity	DRBC	2014	Aquatic Life		Medium
18	Delaware River 17	Delaware River 4	Aluminum	WQN0182	2014	Aquatic Life		Low
18	Delaware River 17	Delaware River 4	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
18	Delaware River 17	Delaware River 4	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
18	Delaware River 17	Delaware River 4	Dieldrin	Delaware River (DRBC)	2006	Fish Consumption	L	Low
18	Delaware River 17	Delaware River 4	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low
18	Delaware River 17	Delaware River 4	Temperature, water	DRBC	2014	Aquatic Life		Medium
17	Delaware River 18	Delaware River 5	Chlordane in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
17	Delaware River 18	Delaware River 5	Copper	DRBC	2014	Aquatic Life		Low
17	Delaware River 18	Delaware River 5	DDT and its metabolites in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption	L	Low
17	Delaware River 18	Delaware River 5	Dieldrin	Delaware River (DRBC)	2006	Fish Consumption	L	Low
17	Delaware River 18	Delaware River 5	Mercury in Fish Tissue	Delaware River (DRBC)	2006	Fish Consumption		Low
17	Delaware River 18	Delaware River 5	Oxygen, Dissolved	DRBC	2014	Aquatic Life		Medium
17	Delaware River 18	Delaware River 5	Temperature, water	DRBC	2014	Aquatic Life		Medium
17	Delaware River 18	Delaware River 5	Turbidity	DRBC	2014	Aquatic Life		Medium
06	02030103030120-01	Den Brook	Arsenic	01380125	2012	Water Supply		Low
06	02030103030120-01	Den Brook	Cause Unknown	AN0247	2012	Aquatic Life		Low
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Oxygen, Dissolved	R38	2004	Aquatic Life		Medium
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Oxygen, Dissolved	01411440	2006	Aquatic Life		Medium
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Arsenic	01411438	2012	Water Supply	A	Low
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
10	02030105100110-01	Devils Brook	Arsenic	01400823	2012	Water Supply		Low
10	02030105100110-01	Devils Brook	Escherichia coli	01400823	2010	Recreation		Medium
10	02030105100110-01	Devils Brook	Oxygen, Dissolved	DB2-GP	2010	Aquatic Life		Medium
10	02030105100110-01	Devils Brook	Phosphorus (Total)	DB3-Gpo	2014	Aquatic Life		High
16	02040206230030-01	Dias Creek	Arsenic	0141140850	2014	Water Supply		Low



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16	02040206230030-01	Dias Creek	Oxygen, Dissolved	0141140850	2006	Aquatic Life		Medium
16	02040206230030-01	Dias Creek	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
16	02040206230030-01	Dias Creek	Turbidity	0141140850	2014	Aquatic Life		Medium
17	02040206110050-01	Dividing Creek (above Mill Creek)	Oxygen, Dissolved	R44	2004	Aquatic Life		Medium
17	02040206110050-01	Dividing Creek (above Mill Creek)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206110050-01	Dividing Creek (above Mill Creek)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
17	02040206110060-01	Dividing Creek (below Mill Creek)	Oxygen, Dissolved	R44, 3840F, 3840D, 3840C, 3840B, 3840E	2006	Aquatic Life		Medium
17	02040206110060-01	Dividing Creek (below Mill Creek)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206110060-01	Dividing Creek (below Mill Creek)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Arsenic	01464512	2012	Water Supply		Low
13	02040301060050-01	Dove Mill Branch (Toms River)	Arsenic	01408290	2012	Water Supply	A	Low
13	02040301060050-01	Dove Mill Branch (Toms River)	pH	01408290	2010	Aquatic Life		Medium
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Temperature, water	AN0311	2012	Aquatic Life - Trout		Medium
01	02040105040020-01	Dry Brook	Cause Unknown	AN0019, AN0020	2008	Aquatic Life		Low
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Mercury in Fish Tissue	Delaware River at Crosswicks Creek	2006	Fish Consumption		Low
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	PCB in Fish Tissue	Delaware River at Crosswicks Creek	2006	Fish Consumption	L	Low
10	02030105090080-01	Duck Pond Run	Cause Unknown	AN0394	2008	Aquatic Life		Low
09	02030105160030-01	Duhernal Lake / Iresick Brook	Arsenic	01405470	2012	Water Supply		Low
09	02030105160030-01	Duhernal Lake / Iresick Brook	Oxygen, Dissolved	01405470, MnB2-DL	2010	Aquatic Life		Medium
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Arsenic	01442760	2012	Water Supply		Low
05	02030103170050-01	Dwars Kill	Arsenic	01378400, 5-dwa-1	2012	Water Supply		Low
05	02030103170050-01	Dwars Kill	Escherichia coli	01378400	2008	Recreation		Medium
16	02040206210060-01	East Creek	PCB in Fish Tissue	East Creek Lake, Delaware Bay Tribs	2006	Fish Consumption	L	Low
18	02040202130050-01	Edwards Run	Arsenic	01475090	2008	Water Supply		Low
18	02040202130050-01	Edwards Run	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2008	Fish Consumption	L	Low

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18	02040202130050-01	Edwards Run	Phosphorus (Total)	01475090	2004	Aquatic Life		Medium
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Arsenic	01393440, 01393450, 7-eli-2	2014	Water Supply		Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Dieldrin	HEP	2008	Fish Consumption	L	Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Hexachlorobenzene	HEP	2008	Fish Consumption		Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Lead	01393440, 7-eli-2	2008	Water Supply		Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Mercury in Fish Tissue	HEP	2008	Fish Consumption		Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	pH	NJHDG-20	2014	Aquatic Life		Medium
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Phosphorus (Total)	01393440	2010	Aquatic Life		Medium
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Total Dissolved Solids (TDS)	01393440	2010	Water Supply		Medium
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Arsenic	01393440, 01393450, 7-eli-2	2014	Water Supply		Low
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Lead	01393440, 7-eli-2	2007	Water Supply		Low
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Phosphorus (Total)	01393350	2002	Aquatic Life		Medium
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Total Dissolved Solids (TDS)	01393440	2002	Water Supply		Medium

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20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Cause Unknown	AN0126A	2006	Aquatic Life		Low
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Oxygen, Dissolved	01411258	2006	Aquatic Life		Medium
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	Escherichia coli	BFBM000050	2012	Recreation		Medium
08	02030105030010-01	First Neshanic River	Cause Unknown	AN0330	2008	Aquatic Life		Low
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	Total Coliform	Shellfish Network	2014	Shellfish		Medium
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Arsenic	01411400	2014	Water Supply		Low
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Cause Unknown	AN0771	2008	Aquatic Life		Low
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
01	02040104150020-01	Flat Brook (below Tillman Brook)	Escherichia coli	01440000	2014	Recreation		Medium
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	Escherichia coli	01440000	2008	Recreation		Medium
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Escherichia coli	BT09	2014	Recreation		Medium
13	02040301110010-01	Forked River NB (above old RR grade)	Oxygen, Dissolved	01409030	2006	Aquatic Life		Medium
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
13	02040301130010-01	Four Mile Branch (Mill Creek)	Cause Unknown	AN0554	2014	Aquatic Life		Low
02	02020007010030-01	Franklin Pond Creek	Temperature, water	01367693	2014	Aquatic Life - Trout		Medium
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Arsenic	01465835, 19-ra-3s	2008	Water Supply		Low
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Escherichia coli	01465835	2008	Recreation		Medium
01	02040105090050-01	Furnace Brook	Arsenic	01445495	2012	Water Supply		Low
01	02040105090050-01	Furnace Brook	Cause Unknown	AN0042	2006	Aquatic Life		Low

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01	02040105090050-01	Furnace Brook	Mercury in Fish Tissue	Furnace Lake	2012	Fish Consumption		Low
17	02040206030050-01	Game Creek (above Rt 48)	Phosphorus (Total)	01482560	2002	Aquatic Life		Medium
17	02040206030070-01	Game Creek (below Rt 48)	Oxygen, Dissolved	01482570	2010	Aquatic Life		Medium
17	02040206030070-01	Game Creek (below Rt 48)	Phosphorus (Total)	01482570	2010	Aquatic Life		Medium
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Arsenic	01465950, 01465950, 19-ra-1n	2014	Water Supply		Low
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Copper	01465950, 19-ra-1n	2004	Aquatic Life		Low
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Lead	01465950, 19-ra-1n	1998	Water Supply		Low
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Oxygen, Dissolved	2507A, 2510A, 2701B, 2712A, LKS BAY, 3002A, GEH, 2714A	2006	Aquatic Life		Medium
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Copper	01411110, 15-geh-3	1998	Aquatic Life		Low
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	pH	01411110	2006	Aquatic Life		Medium
15	02040302030010-01	GEHR (above New Freedom Rd)	pH	01410784	2002	Aquatic Life		Medium
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	pH	01410784, UGREA536	2002	Aquatic Life		Medium
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Arsenic	01410820	2014	Water Supply		Low
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	pH	01410820	2006	Aquatic Life		Medium
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Oxygen, Dissolved	2801A, 2804, 2812	2010	Aquatic Life		Medium
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Copper	01411000, 15-geh-2	2002	Aquatic Life		Low
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	pH	01411000	2002	Aquatic Life		Medium
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Copper	01411110, 15-geh-3	1998	Aquatic Life		Low
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	pH	MGREA616	2002	Aquatic Life		Medium
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Copper	01411110, 15-geh-3	1998	Aquatic Life		Low
15	02040302040110-01	GEHR (Mare Run to Rt 322)	pH	01411110	2002	Aquatic Life		Medium

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15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Arsenic	01410820	2012	Water Supply	A	Low
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	pH	01410820	2002	Aquatic Life		Medium
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Copper	01411110, 15-geh-3	1998	Aquatic Life		Low
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	pH	01411110, 01411105	2002	Aquatic Life		Medium
04	02030103120050-01	Goffle Brook	Cause Unknown	AN0277, AN0277A, FIBI035a	2010	Aquatic Life		Low
04	02030103120050-01	Goffle Brook	Total Dissolved Solids (TDS)	01389850	2006	Water Supply		Medium
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Arsenic	01411208	2012	Water Supply	A	Low
14	02040301210050-01	Great Bay tribs	Oxygen, Dissolved	1924	2012	Aquatic Life		Medium
06	02030103010030-01	Great Brook (above Green Village Rd)	Cause Unknown	AN0218, AN0219, GSWA GB2, GSWA GB3, GSWA GB4	2008	Aquatic Life		Low
06	02030103010050-01	Great Brook (below Green Village Rd)	Arsenic	01378770	2012	Water Supply		Low
06	02030103010050-01	Great Brook (below Green Village Rd)	Escherichia coli	01378770	2012	Recreation		Medium
06	02030103010050-01	Great Brook (below Green Village Rd)	Oxygen, Dissolved	GSWA GB1	2010	Aquatic Life		Medium
09	02030105130010-01	Great Ditch / Pigeon Swamp	Escherichia coli	BFBM000019	2012	Recreation		Medium
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Arsenic	0140941050, 0140941070	2012	Water Supply		Low
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Nitrates	0140941070	2002	Aquatic Life		Medium
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Oxygen, Dissolved	0140941050, 0140941070	2012	Aquatic Life		Medium
14	02040301160120-01	Great Swamp Branch (above Rt 206)	pH	0140941050, 0140941070, NGREAR30	2002	Aquatic Life		Medium
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Temperature, water	0140941050	2008	Aquatic Life		Medium
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Arsenic	0140941070	2012	Water Supply		Low
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Nitrates	0140941070, , 0140941075, WAGREA1	2002	Aquatic Life		Medium

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14	02040301160130-01	Great Swamp Branch (below Rt 206)	pH	0140941075, 0140941070, WAGREA1	2002	Aquatic Life		Medium
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Temperature, water	BFBM000174	2014	Aquatic Life - Trout		Medium
09	02030105120130-01	Green Bk (below Bound Brook)	Oxygen, Dissolved	NJHDG-25	2012	Aquatic Life		Medium
09	02030105120130-01	Green Bk (below Bound Brook)	PCB in Fish Tissue	Bound Brook @ Shepard Rd	2006	Fish Consumption	L	Low
09	02030105120130-01	Green Bk (below Bound Brook)	pH	NJHDG-25	2014	Aquatic Life		Medium
09	02030105120130-01	Green Bk (below Bound Brook)	Phosphorus (Total)	01403900, NJHDG-25	2002	Aquatic Life		Medium
09	02030105120130-01	Green Bk (below Bound Brook)	Total Suspended Solids (TSS)	01403900, NJHDG-25	2006	Aquatic Life		High
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	pH	01403470	2014	Aquatic Life		Medium
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Arsenic	01403470	2012	Water Supply		Low
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	pH	01403465, 01403470	2010	Aquatic Life		Medium
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Total Dissolved Solids (TDS)	01403465	2010	Water Supply		Medium
17	02040206140030-01	Green Branch / Endless Branch	Arsenic	01411490	2012	Water Supply	A	Low
17	02040206140030-01	Green Branch / Endless Branch	Mercury in Water Column	01411490	2010	Water Supply		Low
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Oxygen, Dissolved	01411404	2006	Aquatic Life		Medium
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Phosphorus (Total)	01411404	2007	Aquatic Life		Medium
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Total Dissolved Solids (TDS)	01411404, 01411404	2014	Water Supply		Medium
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Cause Unknown	AN0242	2006	Aquatic Life		Low

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19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	DDT and its metabolites in Fish Tissue	Mirror Lake, Whitesbog Pond	2010	Fish Consumption	L	Low
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	PCB in Fish Tissue	Mirror Lake, Whitesbog Pond	2008	Fish Consumption	L	Low
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	pH	01466900	2014	Aquatic Life		Medium
06	02030103020030-01	Greystone / Watnong Mtn tribs	Cause Unknown	AN0234A	2008	Aquatic Life		Low
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Arsenic	01376970, 01377000, 5-hac-2, 5-hac-3	2004	Water Supply		Low
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Mercury in Fish Tissue	Tappan Lake	2008	Fish Consumption		Low
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Oxygen, Dissolved	01377000	2012	Aquatic Life		Medium
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Phosphorus (Total)	01377000	2006	Aquatic Life		Medium
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Dieldrin	HEP	2007	Fish Consumption	L	Low
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Heptachlor epoxide	HEP	2007	Fish Consumption	L	Low
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Oxygen, Dissolved	NJHDG-14	2006	Aquatic Life		Medium
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low

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05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	DDT and its metabolites in Fish Tissue	HEP	2012	Fish Consumption	L	Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Dieldrin	HEP	2008	Fish Consumption	L	Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Heptachlor epoxide	HEP	2012	Fish Consumption	L	Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Mercury in Fish Tissue	HEP	2007	Fish Consumption		Low
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Dieldrin	HEP	2007	Fish Consumption	L	Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Heptachlor epoxide	HEP	2007	Fish Consumption	L	Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Oxygen, Dissolved	NJHDG-15	2006	Aquatic Life		Medium
05	02030103180100-01	Hackensack R (below Amtrak bridge)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Arsenic	01378500, 01378567	2014	Fish Consumption		Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Chlordane in Fish Tissue	HEP	2008	Fish Consumption	L	Low



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05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Dieldrin	HEP	2008	Fish Consumption	L	Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Enterococcus	H161	2008	Recreation		Medium
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	pH	01378567	2012	Aquatic Life		Medium
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Turbidity	01378567	2008	Aquatic Life		Medium
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Arsenic	01378475, 01377000, 5-dor-1, 5-hac-3	2004	Water Supply		Low
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Mercury in Fish Tissue	Oradell Reservoir	2008	Fish Consumption		Low
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Oxygen, Dissolved	01377000, NJHDG-13	2008	Aquatic Life		Medium
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Phosphorus (Total)	01377000, 01378475, NJHDG-13	2006	Aquatic Life		Medium
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Dieldrin	HEP	2007	Fish Consumption	L	Low
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low

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05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Heptachlor epoxide	HEP	2007	Fish Consumption	L	Low
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
11	02040105170020-01	Hakihokake Creek	Arsenic	01458100	2012	Water Supply		Low
11	02040105170020-01	Hakihokake Creek	Temperature, water	01458100, DRBCNJ0023	2012	Aquatic Life - Trout		Medium
14	02040301170010-01	Hammonton Creek (above 74d43m)	Arsenic	01409416, 14-ham-1, 14-ham-2	1998	Water Supply		Low
14	02040301170010-01	Hammonton Creek (above 74d43m)	Copper	01409414, 01409416	2008	Aquatic Life		Low
14	02040301170010-01	Hammonton Creek (above 74d43m)	Mercury in Water Column	01409414, 14-ham-1, 14-ham-2	2014	Water Supply		Low
14	02040301170010-01	Hammonton Creek (above 74d43m)	Nitrates	01409416, 0140941580, BA34	2004	Aquatic Life		Medium
14	02040301170010-01	Hammonton Creek (above 74d43m)	pH	0140941198, 01409415, 01409414, 0140941580, LHACHEST	2006	Aquatic Life		Medium
14	02040301170010-01	Hammonton Creek (above 74d43m)	Phosphorus (Total)	01409414, 01409415, 01409416, 0140941580, HC2, HC3, BA34	2002	Aquatic Life		Medium
14	02040301170010-01	Hammonton Creek (above 74d43m)	Total Suspended Solids (TSS)	0140941580, BA34	2012	Aquatic Life		Medium
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	pH	01409418	2012	Aquatic Life		Medium
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Phosphorus (Total)	01409418	2012	Aquatic Life		Medium
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Arsenic	01409416, 14-ham-1, 14-ham-2	2006	Water Supply		Low
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Copper	01409414, 01409416	1998	Aquatic Life		Low
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Mercury in Water Column	01409414, 14-ham-1, 14-ham-2	2014	Water Supply		Low
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Nitrates	01409416	2004	Aquatic Life		Medium

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14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	pH	01409418, 01409416, LHACHEST	2006	Aquatic Life		Medium
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Phosphorus (Total)	01409418, 01409416	2006	Aquatic Life		Medium
17	02040206170010-01	Hankins Pond trib (Millville)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206170010-01	Hankins Pond trib (Millville)	Phosphorus (Total)	Hankins Pond	2010	Aquatic Life		Medium
02	02020007010050-01	Hardistonville tribs	Temperature, water	01367726	2014	Aquatic Life		Medium
11	02040105170030-01	Harihokake Creek (and to Hakhokake Ck)	Escherichia coli	01458300	2008	Recreation		Medium
11	02040105170030-01	Harihokake Creek (and to Hakhokake Ck)	Phosphorus (Total)	01458300	2006	Aquatic Life		Medium
17	02040206060070-01	Harmony trib (Alloway Creek)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206060070-01	Harmony trib (Alloway Creek)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
06	02030103010090-01	Harrisons Brook	Cause Unknown	AN0227A	2014	Aquatic Life		Low
19	02040202060030-01	Haynes Creek (below Lake Pine)	pH	Lakes Mishe-Mokwa, Birchwood, Lwr Aetna, Stockwell	2010	Aquatic Life		Medium
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	pH	01409401, 01409402, MHAATCOL	2002	Aquatic Life		Medium
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Oxygen, Dissolved	01397950	2006	Aquatic Life		Medium
10	02030105110010-01	Heathcote Brook	Cause Unknown	AN0395	2014	Aquatic Life		Low
06	02030103030100-01	Hibernia Brook	Temperature, water	Lake Hudsonia	2014	Aquatic Life - Trout		Medium
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Arsenic	01390610	2012	Water Supply		Low
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Phosphorus (Total)	01390600	2008	Aquatic Life		High
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Total Dissolved Solids (TDS)	01390600	2006	Water Supply		Medium
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Nitrates	01391000, 01391050, 01391100	2010	Water Supply		Medium
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Phosphorus (Total)	01391000, 01391050, 01391100, HB001	2010	Aquatic Life		High
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Cause Unknown	AN0284, AN0285, AN0286, AN0286X, AN0287	2002	Aquatic Life		Low

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04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Total Dissolved Solids (TDS)	01390800	2008	Water Supply		Medium
08	02030105040030-01	Holland Brook	pH	01398110	2012	Aquatic Life		Medium
08	02030105040030-01	Holland Brook	Phosphorus (Total)	HB1	2014	Aquatic Life		High
01	02040105100020-01	Honey Run	Oxygen, Dissolved	01445900	2004	Aquatic Life - Trout		Medium
12	02030104070010-01	Hop Brook	Arsenic	01407210	2008	Water Supply		Low
12	02030104070010-01	Hop Brook	pH	MCHD-53, 01407210	2014	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104070010-01	Hop Brook	Phosphorus (Total)	01407210, MCHD-53	2006	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104070010-01	Hop Brook	Total Suspended Solids (TSS)	01407210, MCHD-53	2006	Aquatic Life, Aquatic Life - Trout		Medium
17	02040206060100-01	Hope Creek / Artificial Island	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206060100-01	Hope Creek / Artificial Island	Total Coliform	Shellfish Network	2014	Shellfish		Medium
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	pH	01411035	2002	Aquatic Life		Medium
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Arsenic	01411071	2012	Water Supply	A	Low
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	pH	01411071, HHOCAINS, HHODIAMO, HHOEIGHT, HHOCUSHM	2006	Aquatic Life		Medium
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	pH	01411050, HWHWHITE, HWHBLUEB, HHOWHITE, HWHUNSE	2002	Aquatic Life		Medium
05	02030101170030-01	Hudson River (lower)	Benzo(a)pyrene (PAHs)	HEP	2010	Fish Consumption		Low
05	02030101170030-01	Hudson River (lower)	Cause Unknown	UH014	2010	Aquatic Life		Low
05	02030101170030-01	Hudson River (lower)	Chlordane in Fish Tissue	HEP	2010	Fish Consumption	L	Low
05	02030101170030-01	Hudson River (lower)	DDT and its metabolites in Fish Tissue	HEP	2010	Fish Consumption	L	Low
05	02030101170030-01	Hudson River (lower)	Dieldrin	HEP	2010	Fish Consumption	L	Low
05	02030101170030-01	Hudson River (lower)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2010	Fish Consumption		Low
05	02030101170030-01	Hudson River (lower)	Hexachlorobenzene	HEP	2010	Fish Consumption		Low
05	02030101170030-01	Hudson River (lower)	Mercury in Fish Tissue	HEP	2010	Fish Consumption		Low
05	02030101170030-01	Hudson River (lower)	PCB in Fish Tissue	HEP	2010	Fish Consumption	L	Low
05	02030101170010-01	Hudson River (upper)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low

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05	02030101170010-01	Hudson River (upper)	Cause Unknown	UH004, UH018, UH211, UH213	2010	Aquatic Life		Low
05	02030101170010-01	Hudson River (upper)	Chlordane in Fish Tissue	HEP	2010	Fish Consumption	L	Low
05	02030101170010-01	Hudson River (upper)	DDT and its metabolites in Fish Tissue	HEP	2012	Fish Consumption	L	Low
05	02030101170010-01	Hudson River (upper)	Dieldrin	HEP	2008	Fish Consumption	L	Low
05	02030101170010-01	Hudson River (upper)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
05	02030101170010-01	Hudson River (upper)	Hexachlorobenzene	HEP	2008	Fish Consumption		Low
05	02030101170010-01	Hudson River (upper)	Mercury in Fish Tissue	HEP	2010	Fish Consumption		Low
05	02030101170010-01	Hudson River (upper)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
05	02030101170010-01	Hudson River (upper)	Phosphorus (Total)	North Hudson Park Lake	2014	Aquatic Life		Medium
17	02040206130030-01	Indian Branch (Scotland Run)	Oxygen, Dissolved	01411466	2012	Aquatic Life		Medium
14	02040301170090-01	Indian Cabin Creek	Oxygen, Dissolved	01409601	2006	Aquatic Life		Medium
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	pH	01409444, 01409449, BINSHADW, BINSCHOO, BMULAKED	2006	Aquatic Life		Medium
17	02040206150040-01	Indian Run (Muddy Run)	Arsenic	01411695	2012	Water Supply		Low
17	02040206150040-01	Indian Run (Muddy Run)	Cause Unknown	AN0746	2006	Aquatic Life		Low
09	02030105130040-01	Ireland Brook	pH	01404470	2002	Aquatic Life		Medium
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	Escherichia coli	BFBM000048	2012	Recreation		Medium
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Arsenic	01462730, 01462739	2008	Water Supply		Low
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Mercury in Water Column	01462739	2008	Water Supply		Low
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Oxygen, Dissolved	01462739	2010	Aquatic Life		Medium
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Phosphorus (Total)	01462739	2008	Aquatic Life		Medium
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Total Suspended Solids (TSS)	01462739	2010	Aquatic Life		Medium
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Arsenic	01462800	2012	Water Supply		Low
19	02040202050070-01	Jade Run	Oxygen, Dissolved	01465847, RCW-JR1	2004	Aquatic Life		Medium
19	02040202050070-01	Jade Run	pH	01465847, RCW-JR1, SJART616	2004	Aquatic Life		Medium

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19	02040202050070-01	Jade Run	Phosphorus (Total)	01465847, 01465848, RCW-JR1	2004	Aquatic Life		Medium
13	02040301080070-01	Jakes Branch (Lower Toms River)	Escherichia coli	BT05	2014	Recreation		Medium
13	02040301080070-01	Jakes Branch (Lower Toms River)	Oxygen, Dissolved	BT05	2014	Aquatic Life		Medium
12	02030104090050-01	Jumping Brook (Monmouth Co)	Cause Unknown	AN0479, AN0480	2012	Aquatic Life		Low
20	02040201040040-01	Jumping Brook (Ocean Co)	Arsenic	01464080	2014	Water Supply		Low
20	02040201040040-01	Jumping Brook (Ocean Co)	Mercury in Fish Tissue	Crosswicks Creek	2006	Fish Consumption		Low
20	02040201040040-01	Jumping Brook (Ocean Co)	Oxygen, Dissolved	01464080	2014	Aquatic Life		Medium
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Arsenic	01408175	2014	Water Supply		Low
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Cause Unknown	AN0515	2008	Aquatic Life		Low
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Arsenic	01408175	2014	Water Supply	A	Low
19	02040202060010-01	Kettle Run (above Centennial Lake)	pH	Flamingo Lake, Braddocks Millpond	2008	Aquatic Life		Medium
07	02030104010020-01	Kill Van Kull West	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
07	02030104010020-01	Kill Van Kull West	Cause Unknown	NB231, NB227, NB223, NB01, NB216, NB217, NB212, NB206, NB201, NB202, NB02, NB03, NB226	2007	Aquatic Life		Low
07	02030104010020-01	Kill Van Kull West	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
07	02030104010020-01	Kill Van Kull West	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104010020-01	Kill Van Kull West	Dieldrin	HEP	2007	Fish Consumption	L	Low
07	02030104010020-01	Kill Van Kull West	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104010020-01	Kill Van Kull West	Heptachlor epoxide	HEP	2007	Fish Consumption	L	Low
07	02030104010020-01	Kill Van Kull West	Hexachlorobenzene	HEP	2008	Fish Consumption		Low
07	02030104010020-01	Kill Van Kull West	PCB in Fish Tissue	HEP	2007	Fish Consumption	L	Low
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Phosphorus (Total)	01458710	2006	Aquatic Life		Medium
01	02040105040040-01	Lafayette Swamp tribs	Cause Unknown	AN0016	2008	Aquatic Life		Low

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20	02040201050010-01	Lahaway Ck (above Prospertown)	Cause Unknown	AN0123, MB-FA	2006	Aquatic Life		Low
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Arsenic	01464460	2012	Water Supply		Low
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Phosphorus (Total)	01464460	2006	Aquatic Life		Medium
01	02040105150020-01	Lake Hopatcong	PCB in Fish Tissue	Lake Hopatcong	2012	Fish Consumption	L	Low
01	02040105150020-01	Lake Hopatcong	pH	Hop 3, Hop 6	2008	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105070010-01	Lake Lenape trib	Temperature, water	01444980	2014	Aquatic Life - Trout		Medium
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	pH	WHATAUNT, Wilderness Lake	2010	Aquatic Life		Medium
15	02040302050110-01	Lakes Creek (GEHR)	Oxygen, Dissolved	2803	2008	Aquatic Life		Medium
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	pH	LR4, LR5	2014	Aquatic Life		High
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Phosphorus (Total)	LR5	2006	Aquatic Life		High
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Temperature, water	01399545	2004	Aquatic Life - Trout		Medium
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Temperature, water	LR3	2010	Aquatic Life - Trout		Medium
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Oxygen, Dissolved	LR2	2012	Aquatic Life		Medium
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Phosphorus (Total)	LR2	2010	Aquatic Life		High
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Arsenic	01399320	2012	Water Supply		Low
14	02040301170100-01	Landing Creek (above Rt 563)	Arsenic	01409571	2012	Water Supply	A	Low
14	02040301170100-01	Landing Creek (above Rt 563)	pH	01409571	2014	Aquatic Life		Medium
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	pH	LLANDIND, LUNIOMOS	2014	Aquatic Life		Medium
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Arsenic	01404302, 9-law-1	2006	Water Supply		Low
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Cause Unknown	AN0430	2008	Aquatic Life		Low
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Arsenic	01405003	2012	Water Supply		Low

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09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Cause Unknown	AN0435	2006	Aquatic Life		Low
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	PCB in Fish Tissue	Weston Mill Pond	2006	Fish Consumption	L	Low
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Arsenic	01404302, 9-law-1	1998	Water Supply		Low
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Cause Unknown	AN0431	2006	Aquatic Life		Low
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Escherichia coli	01404400	2008	Recreation		Medium
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Arsenic	01405003	2008	Water Supply		Low
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Escherichia coli	01405003	2008	Recreation		Medium
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Phosphorus (Total)	Farrington Lake	2014	Aquatic Life		Medium
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Cause Unknown	SHB-01AF, SHB-02SB	2014	Aquatic Life		Low
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	PCB in Fish Tissue	Crystal Lake, Delaware River Tribs to Head of Tide	2010	Fish Consumption	L	Low
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Mercury in Fish Tissue	Delaware River Tribs to Head of Tide	2008	Fish Consumption		Low
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2010	Fish Consumption	L	Low
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	PCB in Fish Tissue	DOD Lake, Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	DDT and its metabolites in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Mercury in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption		Low



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17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	Escherichia coli	BFBM000003	2012	Recreation		Medium
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Arsenic	01388720	2012	Water Supply		Low
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Cause Unknown	AN0269	2008	Aquatic Life		Low
19	02040202060070-01	Little Creek (above Bear Swamp River)	Arsenic	01465893	2012	Water Supply	A	Low
19	02040202060070-01	Little Creek (above Bear Swamp River)	Escherichia coli	01465893	2006	Recreation		Medium
19	02040202060070-01	Little Creek (above Bear Swamp River)	pH	01465893, WLIHAWKI	2012	Aquatic Life		Medium
19	02040202060090-01	Little Creek (below Bear Swamp River)	Escherichia coli	BFBM000015	2012	Recreation		Medium
17	02040206120010-01	Little Ease Run (above Academy Rd)	pH	01411457, 01411458	2006	Aquatic Life		Medium
17	02040206120020-01	Little Ease Run (below Academy Rd)	Arsenic	01411457, 01411458	2012	Water Supply		Low
17	02040206120020-01	Little Ease Run (below Academy Rd)	pH	01411458, 01411457	2002	Aquatic Life		Medium
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Temperature, water	01439920	2006	Aquatic Life - Trout		Medium
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Temperature, water	01439920	2006	Aquatic Life - Trout		Medium
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Temperature, water	01439920	2006	Aquatic Life - Trout		Medium
11	02040105240050-01	Little Shabakunk Creek	Arsenic	01463610, 11-as-4	2006	Water Supply		Low
11	02040105240050-01	Little Shabakunk Creek	Lead	01463610, 11-as-4	2007	Water Supply		Low
11	02040105240050-01	Little Shabakunk Creek	Mercury in Fish Tissue	Assunpink Creek	2006	Fish Consumption		Low
11	02040105240050-01	Little Shabakunk Creek	Phosphorus (Total)	01464020	2006	Aquatic Life		Medium
12	02030104080010-01	Little Silver Creek / Town Neck Creek	DDT and its metabolites in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Mercury in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption		Low

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12	02030104080010-01	Little Silver Creek / Town Neck Creek	PCB in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
18	02040202120070-01	Little Timber Creek (Gloucester City)	Cause Unknown	AN0666	2008	Aquatic Life		Low
18	02040202120070-01	Little Timber Creek (Gloucester City)	PCB in Fish Tissue	Little Timber Creek	2006	Fish Consumption	L	Low
06	02030103010040-01	Loantaka Brook	Cause Unknown	ANO220, ANO221, GSWA-LB1, GSWA-LB3	2008	Aquatic Life		Low
06	02030103010040-01	Loantaka Brook	Escherichia coli	01378860	2008	Recreation		Medium
06	02030103010040-01	Loantaka Brook	Total Dissolved Solids (TDS)	GSWA-LB2, GSWA-LB4, GSWA-LB5, GSWA-LB6	2008	Water Supply		Medium
11	02040105200010-01	Lokatong Ck (above Rt 12)	Escherichia coli	01460860, L8a, L9a, L9b	2008	Recreation		Medium
11	02040105200010-01	Lokatong Ck (above Rt 12)	pH	L9	2008	Aquatic Life		Medium
11	02040105200030-01	Lokatong Ck (below Milltown) incl UDRV	Arsenic	01460900	2012	Water Supply		Low
11	02040105200030-01	Lokatong Ck (below Milltown) incl UDRV	Temperature, water	01460880, L3	2008	Aquatic Life - Trout		Medium
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Arsenic	01460870	2012	Water Supply		Low
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Escherichia coli	01460860, 01460870, L4, L6a	2008	Recreation		Medium
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	pH	L3a, L4, L6	2008	Aquatic Life		Medium
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Temperature, water	L3	2008	Aquatic Life - Trout		Medium
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	pH	Bearfort Waters-02	2010	Aquatic Life		Medium
13	02040301080080-01	Long Swamp Creek	Cause Unknown	AN0544	2012	Aquatic Life		Low
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Phosphorus (Total)	Lopat 1	2010	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Phosphorus (Total)	Lopat 3	2010	Aquatic Life, Aquatic Life - Trout		Medium
13	BarnegatBay09	Lower Little Egg Harbor Bay	Oxygen, Dissolved	BB14	2014	Aquatic Life		Medium
13	BarnegatBay09	Lower Little Egg Harbor Bay	Turbidity	BB13, BB12	2014	Aquatic Life		Medium
19	02040202080060-01	LRDV trib- Delanco/Edgewater	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2010	Fish Consumption	L	Low

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01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Temperature, water	AN0065	2012	Aquatic Life - Trout		Medium
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Arsenic	01455780	2012	Water Supply		Low
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	Total Coliform	Shellfish Network	2014	Shellfish		Medium
18	02040202120120-01	Main Ditch / Little Mantua Creek	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
06	02030103020060-01	Malapardis Brook	Cause Unknown	AN0238B	2008	Aquatic Life		Low
13	BarnegatBay08	Manahawkan Bay and Upper Little Egg Harbor	Turbidity	BB11a, BB10	2014	Aquatic Life		Medium
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Arsenic	01405440, 9-man-2	2006	Water Supply		Low
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Cause Unknown	AN0440	2008	Aquatic Life		Low
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Arsenic	0140802850	2008	Water Supply	A	Low
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Phosphorus (Total)	MCHD-16	2008	Aquatic Life		Medium
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Temperature, water	01408029	2014	Aquatic Life - Trout		Medium
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Turbidity	01408029	2014	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Arsenic	01407820	2014	Water Supply		Low
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Oxygen, Dissolved	MCHD-84, 1306A, 1308C	2014	Aquatic Life		Medium
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Arsenic	01407846, 01407862	2012	Water Supply		Low
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Total Suspended Solids (TSS)	01407868, 01407862, MCHD-25	2006	Aquatic Life		Medium
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Turbidity	01407862	2014	Aquatic Life		Medium
17	02040206040010-01	Mannington Creek	Arsenic	01482645	2008	Water Supply	A	Low
17	02040206040010-01	Mannington Creek	Escherichia coli	01482645	2010	Recreation		Medium

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17	02040206040010-01	Mannington Creek	Oxygen, Dissolved	01482645	2010	Aquatic Life		Medium
17	02040206040010-01	Mannington Creek	Phosphorus (Total)	01482645	2008	Aquatic Life		Medium
18	02040202130010-01	Mantua Creek (above Rt 47)	Cause Unknown	AN0668	2008	Aquatic Life		Low
18	02040202130060-01	Mantua Creek (below Edwards Run)	Mercury in Fish Tissue	Mantua Creek @ Paulsboro, NJ	2014	Fish Consumption		Low
18	02040202130060-01	Mantua Creek (below Edwards Run)	PCB in Fish Tissue	Delaware River/Bay at Mantua Creek mouth	2006	Fish Consumption	L	Low
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Escherichia coli	01475042	2008	Recreation		Medium
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Mercury in Fish Tissue	Marlton Lake, Delaware River/Bay at Mantua Creek	2008	Fish Consumption		Low
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	PCB in Fish Tissue	Marlton Lake, Delaware River/Bay at Mantua Creek	2006	Fish Consumption	L	Low
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	pH	01475042, 01407026, 01407012, MCHD-8, MCHD-65	2008	Aquatic Life		Medium
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Phosphorus (Total)	01475045	2004	Aquatic Life		Medium
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Arsenic	01412080	2014	Water Supply		Low
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Oxygen, Dissolved	01412080	2014	Aquatic Life		Medium
17	02040206190030-01	Manumuskin River (below Rt 49)	Arsenic	01412080	2012	Water Supply	A	Low
17	02040206190030-01	Manumuskin River (below Rt 49)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Arsenic	01412080	2014	Water Supply		Low
13	02040301060040-01	Maple Root Branch (Toms River)	Escherichia coli	01408285	2014	Recreation		Medium
12	02030104100040-01	Marsh Bog Brook	Arsenic	01407988	2012	Water Supply		Low
12	02030104100040-01	Marsh Bog Brook	Cause Unknown	AN0491, AN0492, MB-2	2008	Aquatic Life		Low
03	02030103100020-01	Masonic Brook	Cause Unknown	FIBI076a	2014	Aquatic Life		Low

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12	02030104060020-01	Matawan Creek (above Ravine Drive)	Arsenic	Adjacent to Matawan Creek Reach 02030104-328-0.42	1998	Water Supply		Low
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Copper	Adjacent to Matawan Creek Reach 02030104-328-0.42	1998	Aquatic Life		Low
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Lead	Adjacent to Matawan Creek Reach 02030104-328-0.42	1998	Water Supply, Aquatic Life		Low
12	02030104060020-01	Matawan Creek (above Ravine Drive)	PCB in Fish Tissue	HEP	1998	Fish Consumption	L	Low
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Arsenic	01407026	2012	Water Supply		Low
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060030-01	Matawan Creek (below Ravine Drive)	DDT and its metabolites in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Enterococcus	51	2008	Recreation		Medium
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Escherichia coli	MCHD-65	2014	Recreation		Medium
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Oxygen, Dissolved	MCHD-8, MCHD-51	2012	Aquatic Life		Medium
12	02030104060030-01	Matawan Creek (below Ravine Drive)	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060030-01	Matawan Creek (below Ravine Drive)	pH	01407012, 01407026, 65	2006	Aquatic Life		Medium
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Cause Unknown	AN0448, AN0449	2006	Aquatic Life		Low
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Nitrates	01405290, 01405302, MtB1	2004	Water Supply		Medium
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Oxygen, Dissolved	MtB1	2010	Aquatic Life		Medium
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Phosphorus (Total)	01405302, 01405290, MtB1	2004	Aquatic Life		Medium

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14	02040301200110-01	Mattix Run (Nacote Creek)	Arsenic	01410230	2012	Water Supply	A	Low
14	02040301200110-01	Mattix Run (Nacote Creek)	Oxygen, Dissolved	01410230	2008	Aquatic Life		Medium
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Oxygen, Dissolved	3900M	2006	Aquatic Life		Medium
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	PCB in Fish Tissue	Maurice River at Mauricetown	2006	Fish Consumption	L	Low
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Arsenic	01411500	2004	Water Supply		Low
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	PCB in Fish Tissue	Maurice River at Mauricetown	2006	Fish Consumption	L	Low
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Arsenic	01411907	2014	Fish Consumption	A	Low
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Mercury in Fish Tissue	Maurice River at Mauricetown, Union Lake	2010	Fish Consumption		Low
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	PCB in Fish Tissue	Maurice River at Mauricetown, Union Lake	2006	Fish Consumption	L	Low
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	PCB in Fish Tissue	Maurice River at Mauricetown	2006	Fish Consumption	L	Low
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Arsenic	01411500, 17-mau-1	2006	Water Supply		Low
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Arsenic	01411800, 17-mau-1	1998	Water Supply		Low
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Cause Unknown	AN0751	2008	Aquatic Life		Low
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Mercury in Fish Tissue	Union Lake	2008	Fish Consumption		Low
19	02040202030070-01	McDonalds Branch	Arsenic	01466500	2012	Water Supply	A	Low
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	Phosphorus (Total)	01405180, MCHD-22, MGB1	2006	Aquatic Life		Medium
03	02030103070060-01	Meadow Brook / High Mountain Brook	Temperature, water	PQMDBK	2010	Aquatic Life - Trout		Medium
17	02040206180030-01	Menantico Creek (above Rt 552)	DDT and its metabolites in Fish Tissue	Menantico Sand Ponds	2010	Fish Consumption	L	Low
17	02040206180030-01	Menantico Creek (above Rt 552)	Dioxin (including 2, 3, 7, 8-TCDD)	Menantico Sands Pond	2010	Fish Consumption		Low

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17	02040206180030-01	Menantico Creek (above Rt 552)	PCB in Fish Tissue	Menantico Sand Ponds	2010	Fish Consumption	L	Low
17	02040206180050-01	Menantico Creek (below Rt 552)	Arsenic	01412005	2008	Water Supply	A	Low
17	02040206180050-01	Menantico Creek (below Rt 552)	DDT and its metabolites in Fish Tissue	Menantico Sand Ponds	2010	Fish Consumption	L	Low
17	02040206180050-01	Menantico Creek (below Rt 552)	PCB in Fish Tissue	Menantico Sand Ponds	2006	Fish Consumption	L	Low
17	02040206180050-01	Menantico Creek (below Rt 552)	Phosphorus (Total)	01412005	2006	Aquatic Life		Medium
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Cause Unknown	AN0107	2008	Aquatic Life		Low
01	02040105140040-01	Merrill Creek	Cause Unknown	AN0059	2010	Aquatic Life		Low
01	02040105140040-01	Merrill Creek	Chlordane in Fish Tissue	Merrill Creek Reservoir	2014	Fish Consumption	L	Low
01	02040105140040-01	Merrill Creek	Mercury in Fish Tissue	Merrill Creek Reservoir	2014	Fish Consumption		Low
01	02040105140040-01	Merrill Creek	PCB in Fish Tissue	Merrill Creek Reservoir	2014	Fish Consumption	L	Low
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Turbidity	BB05a	2014	Aquatic Life		Medium
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Arsenic	BTMUA Intake, 01408156	2008	Water Supply	A	Low
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Cause Unknown	AN0514	2008	Aquatic Life		Low
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Lead	BTMUA Intake	2014	Water Supply		Low
13	02040301020010-01	Metedeconk R NB (above I-195)	Arsenic	NP, NO, NM, NK	2008	Water Supply		Low
13	02040301020010-01	Metedeconk R NB (above I-195)	Chlordane in Fish Tissue	Metedeconk River North Branch	2010	Fish Consumption	L	Low
13	02040301020010-01	Metedeconk R NB (above I-195)	DDT and its metabolites in Fish Tissue	Metedeconk River North Branch	2010	Fish Consumption	L	Low
13	02040301020010-01	Metedeconk R NB (above I-195)	Lead	NP, NO	2012	Water Supply		Low
13	02040301020010-01	Metedeconk R NB (above I-195)	Mercury in Fish Tissue	Metedeconk River North Branch	2010	Fish Consumption		Low
13	02040301020010-01	Metedeconk R NB (above I-195)	Oxygen, Dissolved	NO	2014	Aquatic Life		Medium

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13	02040301020010-01	Metedeconk R NB (above I-195)	PCB in Fish Tissue	Metedeconk River North Branch	2010	Fish Consumption	L	Low
13	02040301020010-01	Metedeconk R NB (above I-195)	Turbidity	NK, NM, NO	2012	Aquatic Life	R	Medium
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Arsenic	01408123, CB, CB-1, NA	2008	Water Supply		Low
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Cause Unknown	AN0502, AN0506	2012	Aquatic Life, Aquatic Life - Trout		Low
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Lead	NA, CB-1, CB	2012	Water Supply		Low
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Cause Unknown	AN0502	2012	Aquatic Life, Aquatic Life - Trout		Low
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Arsenic	01408127	2014	Water Supply	A	Low
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Oxygen, Dissolved	01408127, SK	2014	Aquatic Life		Medium
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Turbidity	SK	2012	Aquatic Life	R	Medium
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Arsenic	SL	2008	Water Supply		Low
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Lead	SL	2012	Water Supply		Low
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Arsenic	SI	2014	Water Supply		Low
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Cause Unknown	AN0510A	2014	Aquatic Life		Low
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Chlordane in Fish Tissue	Enno Lake (Bennetts Pond)	2010	Fish Consumption	L	Low
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Mercury in Fish Tissue	Enno Lake (Bennetts Pond)	2010	Fish Consumption		Low
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	PCB in Fish Tissue	Enno Lake (Bennetts Pond)	2010	Fish Consumption	L	Low
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Arsenic	01408152, SA, SE	2008	Water Supply	A	Low
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Cause Unknown	AN0511, AN0512	2012	Aquatic Life		Low



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13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Lead	SA	2012	Water Supply		Low
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Arsenic	01408136, SI	2008	Water Supply	A	Low
13	02040301080020-01	Michaels Branch (Wrangel Brook)	pH	Keswick Lake	2010	Aquatic Life		Medium
17	02040206200010-01	Middle Branch / Slab Branch	Arsenic	01412120	2014	Water Supply		Low
17	02040206200010-01	Middle Branch / Slab Branch	Mercury in Water Column	01412120	2008	Water Supply		Low
09	02030105120180-01	Middle Brook	Arsenic	01403190	2010	Water Supply		Low
09	02030105120180-01	Middle Brook	Cause Unknown	AN0420	2012	Aquatic Life		Low
08	02030105060080-01	Middle Brook (NB Raritan River)	Cause Unknown	AN0354, AN0355	2008	Aquatic Life		Low
08	02030105060080-01	Middle Brook (NB Raritan River)	Escherichia coli	01399100	2008	Recreation		Medium
09	02030105120050-01	Middle Brook EB	Arsenic	01403075	2012	Water Supply		Low
09	02030105120050-01	Middle Brook EB	Oxygen, Dissolved	01403075	2012	Aquatic Life - Trout		Medium
09	02030105120050-01	Middle Brook EB	Phosphorus (Total)	01403075	2012	Aquatic Life, Aquatic Life - Trout		Medium
09	02030105120050-01	Middle Brook EB	Temperature, water	01403120	2014	Aquatic Life - Trout		Medium
09	02030105120050-01	Middle Brook EB	Total Dissolved Solids (TDS)	01403075	2008	Water Supply		Medium
09	02030105120060-01	Middle Brook WB	Cause Unknown	AN0416	2008	Aquatic Life		Low
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
15	02040302050120-01	Middle River / Peters Creek	Oxygen, Dissolved	2900, 2900A, 2900E	2006	Aquatic Life		Medium
09	02030105120150-01	Mile Run	Cause Unknown	AN0429, FIBI015	2006	Aquatic Life		Low
09	02030105120150-01	Mile Run	Escherichia coli	BFBM000007	2012	Recreation		Medium
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Cause Unknown	AN0618	2010	Aquatic Life		Low
13	02040301140020-01	Mill Branch (below GS Parkway)	Escherichia coli	01409305	2014	Recreation		Medium
13	02040301140020-01	Mill Branch (below GS Parkway)	Oxygen, Dissolved	01409305	2014	Aquatic Life		Medium
13	02040301140020-01	Mill Branch (below GS Parkway)	PCB in Fish Tissue	Pohatcong Lake	2010	Fish Consumption	L	Low
09	02030105160080-01	Mill Brook / Martins Creek	Cause Unknown	AN0436	2008	Aquatic Life		Low

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09	02030105160080-01	Mill Brook / Martins Creek	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	1998	Fish Consumption	L	Low
13	02040301130020-01	Mill Ck (above GS Parkway)	pH	01409150, Fawn Lake	2006	Aquatic Life		Medium
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Cause Unknown	AN0555	2014	Aquatic Life		Low
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	DDT and its metabolites in Fish Tissue	Lake Manahawkin	2010	Fish Consumption	L	Low
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Escherichia coli	BT11	2014	Recreation		Medium
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	PCB in Fish Tissue	Lake Manahawkin	2010	Fish Consumption	L	Low
17	02040206090050-01	Mill Creek (below Maple House Bk)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206110040-01	Mill Creek (Dividing Creek)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206110040-01	Mill Creek (Dividing Creek)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
17	02040206160040-01	Mill Creek (lower)	Mercury in Fish Tissue	Union Lake	2010	Fish Consumption		Low
19	02040202080030-01	Mill Creek (Willingboro)	Arsenic	01467021	2008	Water Supply		Low
19	02040202080030-01	Mill Creek (Willingboro)	Escherichia coli	01467021, BFBM000040	2012	Recreation		Medium
19	02040202080030-01	Mill Creek (Willingboro)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
19	02040202080030-01	Mill Creek (Willingboro)	Phosphorus (Total)	01467021	2004	Aquatic Life		Medium
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Cause Unknown	AN0652	2014	Aquatic Life		Low
10	02030105100010-01	Millstone R (above Rt 33)	Arsenic	01400530, 01400540, 10-mil-1	1998	Water Supply		Low
10	02030105100010-01	Millstone R (above Rt 33)	Phosphorus (Total)	01400540, MCHD-5	2002	Aquatic Life		High
10	02030105100010-01	Millstone R (above Rt 33)	Total Suspended Solids (TSS)	01400540, 01400530, MCHD-5	2006	Aquatic Life		High
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Arsenic	01401900, 10-mil-5, 10-mil-6	1998	Water Supply		Low
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Phosphorus (Total)	01402000, 01401900	2004	Aquatic Life		Medium
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Arsenic	01400540, 10-mil-1	2006	Water Supply		Low
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Phosphorus (Total)	01400540, MCHD-5	2006	Aquatic Life		High

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10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Total Suspended Solids (TSS)	v	2006	Aquatic Life		High
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Arsenic	01401440, 10-mil-2	1998	Water Supply		Low
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Escherichia coli	01401440	2006	Recreation		Medium
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Oxygen, Dissolved	M4	2010	Aquatic Life		Medium
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	pH	01401440, BA120A	2002	Aquatic Life		Medium
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Phosphorus (Total)	01401440, BA120A	2002	Aquatic Life		Medium
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Temperature, water	01401440	2002	Aquatic Life		Medium
10	02030105110170-01	Millstone R (below Amwell Rd)	pH	01402540, BA123A	2002	Aquatic Life		Medium
10	02030105110170-01	Millstone R (below Amwell Rd)	Phosphorus (Total)	01402540, BA123A , Spooky Brook Pond	2002	Aquatic Life		Medium
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Arsenic	01460530, 01402000, 10-mil-5, 10-mil-6	2006	Water Supply		Low
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Phosphorus (Total)	01402000	2002	Aquatic Life		Medium
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Arsenic	01400640	2006	Water Supply		Low
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Oxygen, Dissolved	UMR3	2014	Aquatic Life		High
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Phosphorus (Total)	01400640, BA117A, UMR2	2002	Aquatic Life		High
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Total Suspended Solids (TSS)	01400640, BA117A	2014	Aquatic Life		High
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Escherichia coli	01401440	2014	Recreation		Medium
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	pH	01401440	2014	Aquatic Life		Medium
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Phosphorus (Total)	01401440	2014	Aquatic Life		High
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Temperature, water	01401440	2014	Aquatic Life		Medium

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10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Oxygen, Dissolved	UMR1	2010	Aquatic Life		Medium
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Phosphorus (Total)	01400560	2008	Aquatic Life		High
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Arsenic	10-mil-7	2004	Water Supply		Low
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Oxygen, Dissolved	UMR3	2010	Aquatic Life		Medium
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Phosphorus (Total)	UMR3	2010	Aquatic Life		High
12	02030104070050-01	Mine Brook (Monmouth Co)	Arsenic	01407450	2012	Water Supply		Low
12	02030104070050-01	Mine Brook (Monmouth Co)	Phosphorus (Total)	01407450, MCHD-58	2012	Aquatic Life		Medium
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Total Suspended Solids (TSS)	01408009	2006	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Turbidity	01408009, MCHD-23	2006	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Escherichia coli	23	2012	Recreation		Medium
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Phosphorus (Total)	01408020, MCHD-23	2014	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Turbidity	MCHD-23	2014	Aquatic Life, Aquatic Life - Trout		Medium
11	02040105240030-01	Miry Run (Assunpink Cr)	Arsenic	01463850	2012	Water Supply		Low
04	02030103120040-01	Molly Ann Brook	Arsenic	01389745, 01389785	2012	Water Supply		Low
04	02030103120040-01	Molly Ann Brook	Cause Unknown	AN0276	2006	Aquatic Life		Low
04	02030103120040-01	Molly Ann Brook	Total Dissolved Solids (TDS)	01389785	2008	Water Supply		Medium
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Cause Unknown	WACRESS	2014	Aquatic Life		Low
06	02030103030160-01	Montville Tribs	Cause Unknown	AN0253, AN0254	2008	Aquatic Life		Low
11	02040105210040-01	Moore Creek	Temperature, water	01462200	2014	Aquatic Life - Trout		Medium
07	02030104030010-01	Morses Creek / Piles Creek	Arsenic	01393690, 7-mor-1	2012	Water Supply		Low
07	02030104030010-01	Morses Creek / Piles Creek	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
07	02030104030010-01	Morses Creek / Piles Creek	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
07	02030104030010-01	Morses Creek / Piles Creek	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104030010-01	Morses Creek / Piles Creek	Dieldrin	HEP	2008	Fish Consumption	L	Low

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07	02030104030010-01	Morses Creek / Piles Creek	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104030010-01	Morses Creek / Piles Creek	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
07	02030104030010-01	Morses Creek / Piles Creek	Hexachlorobenzene	HEP	2008	Fish Consumption		Low
07	02030104030010-01	Morses Creek / Piles Creek	Mercury in Fish Tissue	HEP	2008	Fish Consumption		Low
07	02030104030010-01	Morses Creek / Piles Creek	PCB in Fish Tissue	HEP	1998	Fish Consumption	L	Low
07	02030104030010-01	Morses Creek / Piles Creek	Phosphorus (Total)	01393690	2010	Aquatic Life		Medium
14	02040301200100-01	Morses Mill Stream	pH	LMOSTOCK	2014	Aquatic Life		Medium
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Cause Unknown	AN0678	2008	Aquatic Life		Low
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Mercury in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption		Low
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
01	02040105090040-01	Mountain Lake Brook	Temperature, water	01445520	2014	Aquatic Life		Medium
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Cause Unknown	AN0741	2014	Aquatic Life		Low
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	DDT and its metabolites in Fish Tissue	Parvin Lake	2010	Fish Consumption	L	Low
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	PCB in Fish Tissue	Parvin Lake	2010	Fish Consumption	L	Low
08	02030105020030-01	Mulhockaway Creek	Oxygen, Dissolved	01396660	2014	Aquatic Life - Trout		Medium
08	02030105020030-01	Mulhockaway Creek	Temperature, water	01396660	2014	Aquatic Life - Trout	R	Medium
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	DDT and its metabolites in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption		Low
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Arsenic	0140940050	2012	Water Supply		Low
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	DDT and its metabolites in Fish Tissue	Mullica River from Atsion to Pleasantville	2006	Fish Consumption	L	Low
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	PCB in Fish Tissue	Mullica River from Atsion to Pleasantville	2006	Fish Consumption	L	Low
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	pH	01409387, 0140940050, MMURBRG	2006	Aquatic Life		Medium

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14	02040301160020-01	Mullica River (above Jackson Road)	DDT and its metabolites in Fish Tissue	Atsion Lake	2006	Fish Consumption	L	Low
14	02040301160020-01	Mullica River (above Jackson Road)	Mercury in Fish Tissue	Atsion Lake	2006	Fish Consumption		Low
14	02040301160020-01	Mullica River (above Jackson Road)	PCB in Fish Tissue	Atsion Lake	2006	Fish Consumption	L	Low
14	02040301160020-01	Mullica River (above Jackson Road)	pH	01409375	2002	Aquatic Life		Medium
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	DDT and its metabolites in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption	L	Low
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption		Low
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301210010-01	Mullica River (below GSP bridge)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption		Low
14	02040301210010-01	Mullica River (below GSP bridge)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption		Low
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption		Low
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption	L	Low
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	DDT and its metabolites in Fish Tissue	Mullica R, Mullical R from Atsion to Pleasantville	2006	Fish Consumption	L	Low
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	PCB in Fish Tissue	Mullica R, Mullical R from Atsion to Pleasantville	2010	Fish Consumption	L	Low
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	pH	01409411, NNEWESTM	2002	Aquatic Life		Medium
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	DDT and its metabolites in Fish Tissue	Atsion Lake	2006	Fish Consumption	L	Low

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14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	PCB in Fish Tissue	Atsion Lake	2006	Fish Consumption	L	Low
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	pH	01409387, MMUDI KES, MMUGOSH N	2014	Aquatic Life		Medium
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Arsenic	01409525	2012	Water Supply	A	Low
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption		Low
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption	L	Low
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption		Low
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2006	Fish Consumption	L	Low
01	02040105160070-01	Musconetcong R (below Warren Glen)	Arsenic	01457400, 1-mus-5	2012	Water Supply		Low
01	02040105160070-01	Musconetcong R (below Warren Glen)	Oxygen, Dissolved	MR3	2014	Aquatic Life - Trout		Medium
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Arsenic	01456200, 1-mus-3	2006	Water Supply		Low
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	pH	GDD5/SDD5	2014	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Arsenic	01456200, 1-mus-3	1998	Water Supply		Low
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Temperature, water	01456210	2014	Aquatic Life - Trout		Medium
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Arsenic	01456200, 1-mus-3	2006	Water Supply		Low
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Arsenic	01456200, 1-mus-3	2006	Water Supply		Low
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	pH	GDU1/SDU1	2014	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Arsenic	01457120, 1-mus-4	2012	Water Supply		Low
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Cause Unknown	AN0064	2014	Aquatic Life		Low

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01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Mercury in Fish Tissue	Lake Musconetcong	2012	Fish Consumption		Low
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	PCB in Fish Tissue	Lake Musconetcong	2012	Fish Consumption	L	Low
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	pH	01455500, MSA1	2002	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Temperature, water	01455500	2002	Aquatic Life - Trout		Medium
17	02040206200020-01	Muskee Creek	Arsenic	01412120	2012	Water Supply	A	Low
17	02040206200020-01	Muskee Creek	Mercury in Water Column	01412120	2008	Water Supply		Low
17	02040206200020-01	Muskee Creek	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	PCB in Fish Tissue	Cedarville Ponds, Delaware Bay Tribs	2006	Fish Consumption	L	Low
17	02040206100070-01	Nantuxent Creek (below Newport Landing)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	DDT and its metabolites in Fish Tissue	Navesink River (At Red Bank)	2006	Fish Consumption	L	Low
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Oxygen, Dissolved	MCHD-37	2006	Aquatic Life		Medium
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	PCB in Fish Tissue	Navesink River (At Red Bank)	2006	Fish Consumption	L	Low
12	02030104070120-01	Navesink R mouth	DDT and its metabolites in Fish Tissue	Navesink River at Fairhaven, Shrewsbury River at Oc	2010	Fish Consumption	L	Low
12	02030104070120-01	Navesink R mouth	Mercury in Fish Tissue	Navesink River at Fairhaven, Shrewsbury River at Oc	2010	Fish Consumption		Low
12	02030104070120-01	Navesink R mouth	Oxygen, Dissolved	1020B	2006	Aquatic Life		Medium
12	02030104070120-01	Navesink R mouth	PCB in Fish Tissue	Navesink River at Fairhaven, Shrewsbury River at Oc	2006	Fish Consumption	L	Low
08	02030105030070-01	Neshanic River (below Black Brk)	Arsenic	01398000, 8-ne-1	2010	Water Supply		Low
08	02030105030070-01	Neshanic River (below Black Brk)	Escherichia coli	01398060	2014	Recreation	R	Medium
08	02030105030070-01	Neshanic River (below Black Brk)	Oxygen, Dissolved	01398065	2014	Aquatic Life		Medium



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08	02030105030070-01	Neshanic River (below Black Brk)	pH	NR2	2010	Aquatic Life		Medium
08	02030105030070-01	Neshanic River (below Black Brk)	Phosphorus (Total)	NR2	2010	Aquatic Life		High
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Arsenic	01398000, 8-ne-1	2006	Water Supply		Low
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Oxygen, Dissolved	NR1	2010	Aquatic Life		Medium
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	pH	01398000, NR1	2008	Aquatic Life		Medium
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Phosphorus (Total)	01398000, NR1	2002	Aquatic Life		High
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
11	02040105230030-01	New Sharon Branch (Assunpink Creek)	Escherichia coli	MCHD-4	2014	Recreation		Medium
11	02040105230030-01	New Sharon Branch (Assunpink Creek)	Phosphorus (Total)	MCHD-4	2002	Aquatic Life		Medium
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Cause Unknown	AN0036	2012	Aquatic Life		Low
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Chlordane in Fish Tissue	Lake Aeroflex	2014	Fish Consumption	L	Low
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Mercury in Fish Tissue	Lake Aeroflex	2014	Fish Consumption		Low
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	PCB in Fish Tissue	Lake Aeroflex	2014	Fish Consumption	L	Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
07	02030104010010-01	Newark Airport Peripheral Ditch	DDT and its metabolites in Fish Tissue	HEP	2012	Fish Consumption	L	Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Dieldrin	HEP	2007	Fish Consumption	L	Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low

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07	02030104010010-01	Newark Airport Peripheral Ditch	Heptachlor epoxide	HEP	2012	Fish Consumption	L	Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Hexachlorobenzene	HEP	2012	Fish Consumption		Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Mercury in Fish Tissue	HEP	2007	Fish Consumption		Low
07	02030104010010-01	Newark Airport Peripheral Ditch	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
07	02030104010010-01	Newark Airport Peripheral Ditch	Phosphorus (Total)	Weequahic Lake	2008	Aquatic Life		Medium
17	02040206110010-01	Newport Neck (Nantuxent to Beadons Ck)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Arsenic	01467312	2008	Water Supply		Low
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Chlordane in Fish Tissue	Newton Lake, Newton Creek, North (at Mt Ephriam Ave)	2008	Fish Consumption	L	Low
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	DDT and its metabolites in Fish Tissue	Newton Lake, Newton Creek, North (at Mt Ephriam Ave)	2010	Fish Consumption	L	Low
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Escherichia coli	01467312, Newton Creek at Route 130, Newton Creek nr mouth	2008	Recreation		Medium
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2008	Fish Consumption	L	Low
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Phosphorus (Total)	01467312, Newton Ck @ Route 130, Newton Ck nr mouth	2004	Aquatic Life		Medium
20	02040201040060-01	North Run (above Wrightstown bypass)	Arsenic	01464380	2008	Water Supply		Low
20	02040201040060-01	North Run (above Wrightstown bypass)	Phosphorus (Total)	01464380	2006	Aquatic Life		Medium
12	02030104070090-01	Nut Swamp Brook	Cause Unknown	AN0464	2008	Aquatic Life		Low
12	02030104070090-01	Nut Swamp Brook	Escherichia coli	MCHD-89	2014	Recreation		Medium
09	02030105130030-01	Oakeys Brook	Cause Unknown	AN0432	2012	Aquatic Life		Low
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Cause Unknown	AN0531	2012	Aquatic Life		Low

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13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Escherichia coli	AN0531	2014	Recreation		Medium
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Arsenic	01477440	2012	Water Supply		Low
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2008	Fish Consumption	L	Low
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Total Suspended Solids (TSS)	01477520	2006	Aquatic Life		Medium
19	02040202020020-01	Ong Run / Jacks Run	pH	01465965, Lake at the Woods	2004	Aquatic Life		Medium
17	02040206110030-01	Oranoaken Creek	Oxygen, Dissolved	R45	2006	Aquatic Life		Medium
17	02040206110030-01	Oranoaken Creek	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
14	02040301180020-01	Oswego River (above Rt 539)	Arsenic	01409880	2012	Water Supply		Low
14	02040301180020-01	Oswego River (above Rt 539)	Oxygen, Dissolved	01409880	2008	Aquatic Life		Medium
14	02040301180020-01	Oswego River (above Rt 539)	Total Suspended Solids (TSS)	01409880	2012	Aquatic Life		Medium
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	PCB in Fish Tissue	Lake Oswego	2010	Fish Consumption	L	Low
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Arsenic	01409880	2012	Water Supply		Low
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Oxygen, Dissolved	01409880	2008	Aquatic Life		Medium
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Total Suspended Solids (TSS)	01409880	2012	Aquatic Life		Medium
05	02030103180040-01	Overpeck Creek	Chlordane in Fish Tissue	AN0212	2006	Fish Consumption	L	Low
05	02030103180040-01	Overpeck Creek	DDT and its metabolites in Fish Tissue	Overpeck Creek Lake, Overpeck Creek (at Ridgefield)	2006	Fish Consumption	L	Low
05	02030103180040-01	Overpeck Creek	Dioxin (including 2, 3, 7, 8-TCDD)	Overpeck Creek Lake, Overpeck Creek (at Ridgefield)	2006	Fish Consumption		Low
05	02030103180040-01	Overpeck Creek	Escherichia coli	HEP	2006	Recreation		Medium
05	02030103180040-01	Overpeck Creek	PCB in Fish Tissue	01378583	2006	Fish Consumption	L	Low

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13	02040301110050-01	Oyster Creek (below Rt 532)	Escherichia coli	Overpeck Creek Lake, Overpeck Creek (at Ridgefield)	2014	Recreation		Medium
17	02040206150030-01	Palatine Branch (Muddy Run)	Cause Unknown	BT10	2008	Aquatic Life		Low
02	02020007020070-01	Papakating Ck (below Pellettown)	Cause Unknown	AN0743, AN0744	2008	Aquatic Life		Low
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	Cause Unknown	AN0307	2006	Aquatic Life		Low
18	02040202140030-01	Pargay Creek	Escherichia coli	01476625, 01476640	2008	Recreation		Medium
18	02040202140030-01	Pargay Creek	Phosphorus (Total)	01476640, 01476625	2008	Aquatic Life		Medium
19	02040202080010-01	Parkers Creek (above Marne Highway)	Phosphorus (Total)	01467011	2006	Aquatic Life		Medium
12	02030104080020-01	Parkers Creek / Oceanport Creek	DDT and its metabolites in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
12	02030104080020-01	Parkers Creek / Oceanport Creek	Mercury in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption		Low
12	02030104080020-01	Parkers Creek / Oceanport Creek	PCB in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
12	02030104080020-01	Parkers Creek / Oceanport Creek	pH	MCHD-32	2006	Aquatic Life		Medium
12	02030104080020-01	Parkers Creek / Oceanport Creek	Phosphorus (Total)	MCHD-32, MCHD-33	2002	Aquatic Life		Medium
17	02040206080030-01	Parsonage Run / Foster Run	Arsenic	01412710	2012	Water Supply		Low
17	02040206080030-01	Parsonage Run / Foster Run	Mercury in Water Column	01412710	2012	Water Supply		Low
17	02040206080030-01	Parsonage Run / Foster Run	Total Suspended Solids (TSS)	01412710	2010	Aquatic Life		Medium
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Cause Unknown	AN0750	2006	Aquatic Life		Low
05	02030103170010-01	Pascack Brook (above Westwood gage)	Arsenic	01377358	2012	Water Supply		Low
05	02030103170020-01	Pascack Brook (below Westwood gage)	Arsenic	01377499, 01377500, 5-pas-1	2004	Water Supply		Low
05	02030103170020-01	Pascack Brook (below Westwood gage)	Oxygen, Dissolved	MB001, MB002, MB004, MB005	2010	Aquatic Life		Medium
05	02030103170020-01	Pascack Brook (below Westwood gage)	pH	MB001, MB005, MB006	2010	Aquatic Life		Medium
05	02030103170020-01	Pascack Brook (below Westwood gage)	Total Dissolved Solids (TDS)	01377500	2006	Water Supply		Medium

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04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Arsenic	Passaic River - Tidal	2002	Fish Consumption		Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Dieldrin	HEP	2008	Fish Consumption	L	Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Oxygen, Dissolved	NJHDG-11	2012	Aquatic Life		Medium
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Arsenic	01389870, 01389880, 4-site-5	2006	Water Supply		Low
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Chlordane in Fish Tissue	Dundee Lake, Passaic River at Elmwood Park	2006	Fish Consumption	L	Low
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	DDT and its metabolites in Fish Tissue	Dundee Lake, Passaic River at Elmwood Park	2006	Fish Consumption	L	Low
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Escherichia coli	01389880	2014	Recreation		Medium
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Mercury in Fish Tissue	Dundee Lake, Passaic River at Elmwood Park	2006	Fish Consumption		Low
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	PCB in Fish Tissue	Dundee Lake, Passaic River at Elmwood Park	2006	Fish Consumption	L	Low
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	pH	NJHDG-4	2014	Aquatic Life		Medium
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Arsenic	01389895, 4-site-5	2006	Water Supply		Low

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04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Chlordane in Fish Tissue	Passaic River at Elmwood Park	2006	Fish Consumption	L	Low
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	DDT and its metabolites in Fish Tissue	Passaic River at Elmwood Park	2006	Fish Consumption	L	Low
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Mercury in Fish Tissue	Passaic River at Elmwood Park	2006	Fish Consumption		Low
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	PCB in Fish Tissue	Passaic River at Elmwood Park	2006	Fish Consumption	L	Low
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	pH	NJHDG-3	2014	Aquatic Life		Medium
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Arsenic	01389500, 01389630, 4-pas-3, 4-site-6	1998	Water Supply		Low
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Chlordane in Fish Tissue	Passaic River at Elmwood Park	2010	Fish Consumption	L	Low
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	DDT and its metabolites in Fish Tissue	Passaic River at Elmwood Park	2010	Fish Consumption	L	Low
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Mercury in Fish Tissue	Passaic River at Elmwood Park	2010	Fish Consumption		Low
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	PCB in Fish Tissue	Passaic River at Elmwood Park	2012	Fish Consumption	L	Low
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	pH	NJHDG-2	2014	Aquatic Life		Medium
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Arsenic	01389130, 4-pas-3, 4-site-6, 4-pas-4, 4-site-4	1998	Water Supply		Low
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Chlordane in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2008	Fish Consumption	L	Low
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	DDT and its metabolites in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2006	Fish Consumption	L	Low
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Mercury in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2006	Fish Consumption		Low
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	PCB in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2008	Fish Consumption	L	Low

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04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	pH	01389005	2014	Aquatic Life		Medium
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Arsenic	Passaic River - Tidal	2014	Fish Consumption		Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Cause Unknown	NB205	2014	Aquatic Life		Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	DDT and its metabolites in Fish Tissue	HEP	2012	Fish Consumption	L	Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Dieldrin	HEP	2008	Fish Consumption	L	Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Arsenic	01389895, 4-site-5	1998	Water Supply		Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Chlordane in Fish Tissue	Passaic River at Lyndhurst	2008	Fish Consumption	L	Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	DDT and its metabolites in Fish Tissue	Passaic River at Lyndhurst	2008	Fish Consumption	L	Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Dieldrin	HEP	2008	Fish Consumption	L	Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low

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04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Mercury in Fish Tissue	Passaic River at Lyndhurst	2006	Fish Consumption		Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	PCB in Fish Tissue	Passaic River at Lyndhurst	2008	Fish Consumption	L	Low
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	pH	NJHDG-5, Passaic-8	2012	Aquatic Life		Medium
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Phosphorus (Total)	NJHDG-5, Passaic1, Passaic-8	2006	Aquatic Life		Medium
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Arsenic	Passaic River – Tidal	2006	Water Supply		Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Dieldrin	HEP	2008	Fish Consumption	L	Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Oxygen, Dissolved	NJHDG-8	2012	Aquatic Life		Medium
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	pH	NJHDG-7	2014	Aquatic Life		Medium
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Phosphorus (Total)	NJHDG-7	2014	Aquatic Life		Medium
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Total Suspended Solids (TSS)	NJHDG-7	2012	Aquatic Life		Medium
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Arsenic	01379504, 01379500, 6-pas-2, 6-site-1	1998	Water Supply		Low
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Total Suspended Solids (TSS)	01379500, 01379504, BA135	2006	Aquatic Life		Medium



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06	02030103010010-01	Passaic R Upr (above Osborn Mills)	pH	NPS-IG1, NPS-PR1, NPS-FRBT	2014	Aquatic Life, Aquatic Life - Trout		Medium
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Arsenic	01379504, 01379500, 6-pas-2, 6-site-1	2006	Water Supply		Low
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Total Suspended Solids (TSS)	01379500	2006	Aquatic Life		Medium
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Arsenic	01379000, 6-pas-1, 6-site-2	1998	Water Supply		Low
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Oxygen, Dissolved	PA2	2010	Aquatic Life		Medium
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Total Dissolved Solids (TDS)	01379580	2004	Water Supply		Medium
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Total Suspended Solids (TSS)	01379580	2006	Aquatic Life		Medium
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Arsenic	01382000, 6-site-3	2006	Water Supply		Low
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Chlordane in Fish Tissue	Passaic River Great Piece	2006	Fish Consumption	L	Low
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	DDT and its metabolites in Fish Tissue	Passaic River Great Piece	2006	Fish Consumption	L	Low
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Mercury in Fish Tissue	Passaic River Great Piece	2014	Fish Consumption		Low
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	PCB in Fish Tissue	Passaic River Great Piece	2006	Fish Consumption	L	Low
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Arsenic	01379300, 6-pas-2, 6-site-1	2006	Water Supply		Low
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Oxygen, Dissolved	PA3	2008	Aquatic Life		Medium
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Total Suspended Solids (TSS)	01379500	2006	Aquatic Life		Medium
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Arsenic	01382000, 6-site-3	1998	Water Supply		Low
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Chlordane in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2006	Fish Consumption	L	Low

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06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	DDT and its metabolites in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2006	Fish Consumption	L	Low
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Mercury in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2006	Fish Consumption		Low
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	PCB in Fish Tissue	Passaic River Great Piece, Passaic River at Pompton	2008	Fish Consumption	L	Low
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Total Suspended Solids (TSS)	01382000	2014	Aquatic Life		Medium
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Chlordane in Fish Tissue	Passaic River at Hatfield Swamp	2006	Fish Consumption	L	Low
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	DDT and its metabolites in Fish Tissue	Passaic River at Hatfield Swamp	2006	Fish Consumption	L	Low
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Oxygen, Dissolved	PA5	2010	Aquatic Life		Medium
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	PCB in Fish Tissue	Passaic River at Hatfield Swamp	2006	Fish Consumption	L	Low
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Total Dissolved Solids (TDS)	01379580	2004	Water Supply		Medium
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Total Suspended Solids (TSS)	01379580	2006	Aquatic Life		Medium
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Arsenic	01379300, 6-pas-2, 6-site-1	2006	Water Supply		Low
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Oxygen, Dissolved	PA3	2008	Aquatic Life		Medium
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Total Suspended Solids (TSS)	01379500	2006	Aquatic Life		Medium
01	02040105040060-01	Paulins Kill (above Rt 15)	Oxygen, Dissolved	01443250	2004	Aquatic Life		Medium
01	02040105040060-01	Paulins Kill (above Rt 15)	Phosphorus (Total)	01443250	2004	Aquatic Life		Medium
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Mercury in Fish Tissue	Columbia Lake	2012	Fish Consumption		Low
01	02040105050050-01	Paulins Kill (below Blairstown gage)	PCB in Fish Tissue	Columbia Lake	2012	Fish Consumption	L	Low
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Temperature, water	DRBCNJ0036	2004	Aquatic Life - Trout		Medium

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01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Mercury in Fish Tissue	White Lake	2012	Fish Consumption		Low
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	PCB in Fish Tissue	White Lake	2012	Fish Consumption	L	Low
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Temperature, water	01443500	2002	Aquatic Life - Trout		Medium
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Arsenic	01443441, 01443440, 1-pau-1	2004	Water Supply		Low
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Temperature, water	01443500	2002	Aquatic Life - Trout		Medium
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Cause Unknown	NB3, PB04	2014	Aquatic Life		Low
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Cause Unknown	PB08	2014	Aquatic Life		Low
04	02030103120010-01	Peckman River (above CG Res trib)	Cause Unknown	AN0275A	2008	Aquatic Life		Low
04	02030103120020-01	Peckman River (below CG Res trib)	PCB in Fish Tissue	Passic R at Pompton, Passic R at Hatfield Swamp	2006	Fish Consumption	L	Low
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Cause Unknown	AN0150	2006	Aquatic Life		Low
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Escherichia coli	BFBM000046	2012	Recreation		Medium
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Arsenic	01467082	2006	Water Supply		Low
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Chlordane in Fish Tissue	Pennsauken Creek, Pennsauken Creek @ Forked Landing	2006	Fish Consumption	L	Low
18	02040202100060-01	Pennsauken Ck (below NB / SB)	DDT and its metabolites in Fish Tissue	Pennsauken Creek, Pennsauken Creek @ Forked Landing	2006	Fish Consumption	L	Low
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Escherichia coli	BFBM000056	2012	Recreation		Medium
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Lead	01467082	1998	Water Supply		Low
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Oxygen, Dissolved	01467082	2008	Aquatic Life		Medium

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18	02040202100060-01	Pennsauken Ck (below NB / SB)	PCB in Fish Tissue	Pennsauken Creek, Pennsauken Creek @ Forked Landing	2006	Fish Consumption	L	Low
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Phosphorus (Total)	01467082	2002	Aquatic Life		Medium
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Arsenic	01467069, 18-pe-1, 18-pe-2	2014	Water Supply		Low
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Cause Unknown	AN0179	2014	Aquatic Life		Low
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Arsenic	01467069, 18-pe-1, 18-pe-2	2006	Water Supply		Low
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Arsenic	01467069, 18-pe-1, 18-pe-2	1998	Water Supply		Low
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Chlordane in Fish Tissue	Strawbridge Lake at Moorestown	2008	Fish Consumption	L	Low
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	DDT and its metabolites in Fish Tissue	Strawbridge Lake at Moorestown	2008	Fish Consumption	L	Low
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	PCB in Fish Tissue	Strawbridge Lake at Moorestown	2008	Fish Consumption	L	Low
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Arsenic	01467080, 01467075, 18-pe-3	1998	Water Supply		Low
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Oxygen, Dissolved	Penn-SBPCB	2008	Aquatic Life		Medium
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Phosphorus (Total)	01467080, Penn-SBPC2/SBPC3/SBPC4/SBPCB	2006	Aquatic Life		Medium
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Total Suspended Solids (TSS)	01467081	2006	Aquatic Life		Medium
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Arsenic	01467080, 01467081, 0146708130, 18-pe-3	2006	Water Supply		Low
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Phosphorus (Total)	01467080, Penn-SBPC4	2006	Aquatic Life		Medium
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Total Suspended Solids (TSS)	01467081	2006	Aquatic Life		Medium
15	02040302030070-01	Penny Pot Stream (GEHR)	pH	UPENN8TH	2006	Aquatic Life		Medium
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Arsenic	01382170	2012	Water Supply		Low

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03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Escherichia coli	01382170	2012	Recreation		Medium
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Oxygen, Dissolved	01382210	2014	Aquatic Life - Trout		Medium
03	02030103050080-01	Pequannock R (below Macopin gage)	Chlordane in Fish Tissue	Pompton R at Pequannock R	2008	Fish Consumption	L	Low
03	02030103050080-01	Pequannock R (below Macopin gage)	DDT and its metabolites in Fish Tissue	Pompton R at Pequannock R	2006	Fish Consumption	L	Low
03	02030103050080-01	Pequannock R (below Macopin gage)	PCB in Fish Tissue	Pompton R at Pequannock R	2008	Fish Consumption	L	Low
03	02030103050080-01	Pequannock R (below Macopin gage)	Temperature, water	01382800, PQ10/15/14, Pqblmr, Pqmltb, Pqbtlr, Pqrmdl	2002	Aquatic Life - Trout		Medium
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Arsenic	01382310	2012	Water Supply		Low
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Oxygen, Dissolved	01382310	2012	Aquatic Life - Trout		Medium
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Cause Unknown	AN0263, AN0264	2012	Aquatic Life		Low
01	02040105070030-01	Pequest R (above Brighton)	Oxygen, Dissolved	Muckshaw Ponds	2010	Aquatic Life		Medium
01	02040105090060-01	Pequest R (below Furnace Brook)	Arsenic	01446400, 01445500, 1-peq-3	1998	Water Supply		Low
01	02040105090060-01	Pequest R (below Furnace Brook)	pH	01446400, DRBCNJ0033	2014	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105090030-01	Pequest R (Furnace Bk to Cemetary Road)	Cause Unknown	FIBI003	2014	Aquatic Life		Low
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	Escherichia coli	01444990	2008	Recreation		Medium
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	pH	Turtle Pond	2014	Aquatic Life		Medium
09	02030105080010-01	Peters Brook	Cause Unknown	AN0376, FIBI025	2006	Aquatic Life		Low
12	02030104060060-01	Pews Creek to Shrewsbury River	Arsenic	01407090	2012	Water Supply		Low
12	02030104060060-01	Pews Creek to Shrewsbury River	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060060-01	Pews Creek to Shrewsbury River	DDT and its metabolites in Fish Tissue	HEP	2006	Fish Consumption	L	Low

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12	02030104060060-01	Pews Creek to Shrewsbury River	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
12	02030104060060-01	Pews Creek to Shrewsbury River	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060060-01	Pews Creek to Shrewsbury River	Phosphorus (Total)	01407090	2010	Aquatic Life		Medium
12	02030104060060-01	Pews Creek to Shrewsbury River	Total Coliform	Shellfish Network	2014	Shellfish		Medium
17	02040206070090-01	Phillips Creek / Jacobs Creek	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
10	02030105110080-01	Pike Run (above Cruser Brook)	Cause Unknown	AN0402, AN0404, AN0405	2008	Aquatic Life		Low
10	02030105110100-01	Pike Run (below Cruser Brook)	Phosphorus (Total)	01401700	2008	Aquatic Life		High
12	02030104070080-01	Pine Brook / Hockhockson Brook	Arsenic	01407520	2012	Water Supply		Low
12	02030104070080-01	Pine Brook / Hockhockson Brook	Phosphorus (Total)	MCHD-34, MCHD-75	2014	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104070080-01	Pine Brook / Hockhockson Brook	Temperature, water	AN0475	2012	Aquatic Life - Trout		Medium
17	02040206090090-01	Pine Mount Creek	Cause Unknown	AN0717	2008	Aquatic Life		Low
08	02030105040020-01	Pleasant Run	Cause Unknown	AN0340, SBWA15	2006	Aquatic Life		Low
08	02030105040020-01	Pleasant Run	Escherichia coli	01398090	2006	Recreation	R	Medium
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Temperature, water	01455135	2004	Aquatic Life - Trout		Medium
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Phosphorus (Total)	DRBCNJ0027	2004	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Arsenic	01455200	2012	Water Supply		Low
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Total Suspended Solids (TSS)	01455200	2008	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Arsenic	01455200	2012	Water Supply		Low
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	pH	01455200	2002	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Phosphorus (Total)	01455200	2002	Aquatic Life, Aquatic Life - Trout		Medium
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Total Suspended Solids (TSS)	01455200	2008	Aquatic Life, Aquatic Life - Trout		Medium

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01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Arsenic	01455200	2012	Water Supply		Low
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	pH	01455200	2008	Aquatic Life		Medium
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Phosphorus (Total)	01455200	2002	Aquatic Life		Medium
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Total Suspended Solids (TSS)	01455200	2008	Aquatic Life		Medium
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Arsenic	01455240	2012	Water Supply		Low
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Oxygen, Dissolved	01466130	2014	Aquatic Life		Medium
18	02040202090020-01	Pompeston Creek (above Rt 130)	Escherichia coli	BFBM000034	2008	Recreation		Medium
18	02040202090020-01	Pompeston Creek (above Rt 130)	Oxygen, Dissolved	PM 003	2010	Aquatic Life		Medium
18	02040202090020-01	Pompeston Creek (above Rt 130)	pH	PM 002, PM 003	2010	Aquatic Life		Medium
18	02040202090020-01	Pompeston Creek (above Rt 130)	Phosphorus (Total)	PM 002, PM 003	2008	Aquatic Life		Medium
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Cause Unknown	AN0177	2006	Aquatic Life		Low
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Escherichia coli	BFBM000034	2012	Recreation		Medium
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
03	02030103110020-01	Pompton River	Cause Unknown	AN0270, AN0268	2012	Aquatic Life		Low
03	02030103110020-01	Pompton River	Chlordane in Fish Tissue	Passaic River at Pompton	2008	Fish Consumption	L	Low
03	02030103110020-01	Pompton River	DDT and its metabolites in Fish Tissue	Passaic River at Pompton	2006	Fish Consumption	L	Low
03	02030103110020-01	Pompton River	Escherichia coli	01388850	2008	Recreation		Medium
03	02030103110020-01	Pompton River	Lead	01388600, 3-site-7, 01388500	2007	Water Supply		Low
03	02030103110020-01	Pompton River	PCB in Fish Tissue	Passaic River at Pompton	2008	Fish Consumption	L	Low

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16	02040206230070-01	Pond Creek / Cape May Canal West	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
11	02040105240040-01	Pond Run	Total Suspended Solids (TSS)	01463920	2006	Aquatic Life		Medium
11	02040105240040-01	Pond Run	Turbidity	01463920	2010	Aquatic Life		Medium
12	02030104090020-01	Poplar Brook	Phosphorus (Total)	01407630	2002	Aquatic Life		Medium
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	DDT and its metabolites in Fish Tissue	Navesink River at Fairhaven	2006	Fish Consumption	L	Low
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Oxygen, Dissolved	MCHD-41	2006	Aquatic Life		Medium
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	PCB in Fish Tissue	Navesink River at Fairhaven	2006	Fish Consumption	L	Low
08	02030105050050-01	Pottersville trib (Lamington River)	Temperature, water	01399520	2012	Aquatic Life - Trout		Medium
04	02030103120030-01	Preakness Brook / Naachtpunkt Brook	Cause Unknown	AN0272, AN0273	2006	Aquatic Life		Low
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Arsenic	01397160	2012	Water Supply		Low
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Escherichia coli	BFBM000027	2012	Recreation		Medium
06	02030103010020-01	Primrose Brook	Arsenic	01378780	2012	Water Supply		Low
06	02030103010020-01	Primrose Brook	Oxygen, Dissolved	PB2	2010	Aquatic Life - Trout		Medium
06	02030103010020-01	Primrose Brook	pH	PB1, PB2, PRB, NPS-WP1/WP2/CSP/JB2	2010	Aquatic Life, Aquatic Life - Trout		Medium
06	02030103010020-01	Primrose Brook	Temperature, water	PRB, PB2	2010	Aquatic Life - Trout		Medium
06	02030103010020-01	Primrose Brook	Turbidity	PRB	2012	Aquatic Life, Aquatic Life - Trout		Medium
14	02040301160070-01	Pump Branch (above 74d53m road)	pH	01409408	2002	Aquatic Life		Medium
14	02040301160080-01	Pump Branch (below 74d53m road)	pH	01409408, NPUMDIKE, NPUHALUW	2002	Aquatic Life		Medium
02	02020007030020-01	Quarryville Brook	Temperature, water	BFBM000188	2014	Aquatic Life - Trout		Medium
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2014	Fish Consumption	L	Low
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	pH	0147710950	2014	Aquatic Life		Medium



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18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Phosphorus (Total)	01477110	2010	Aquatic Life		Medium
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Arsenic	01477110, 01477120, 18-rac-1	2006	Water Supply		Low
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Chlordane in Fish Tissue	Raccoon Creek at Swedesboro	2006	Fish Consumption	L	Low
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	DDT and its metabolites in Fish Tissue	Raccoon Creek at Swedesboro	2006	Fish Consumption	L	Low
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	PCB in Fish Tissue	Raccoon Creek at Swedesboro	2006	Fish Consumption	L	Low
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	pH	01477110	2014	Aquatic Life		Medium
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Phosphorus (Total)	01477120, 0147710950	2002	Aquatic Life		Medium
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Turbidity	01477120	2006	Aquatic Life		Medium
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Phosphorus (Total)	Basgalore Lake	2014	Aquatic Life		Medium
18	02040202150030-01	Raccoon Ck SB	Cause Unknown	AN0682	2014	Aquatic Life		Low
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Oxygen, Dissolved	R51	2012	Aquatic Life		Medium
17	02040206070070-01	Raccoon Ditch (Stow Creek)	PCB in Fish Tissue	Delaware Bay Tribs	2008	Fish Consumption	L	Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Chlordane in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	DDT and its metabolites in Fish Tissue	HEP	2012	Fish Consumption	L	Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Dieldrin	HEP	2008	Fish Consumption	L	Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Heptachlor epoxide	HEP	2012	Fish Consumption	L	Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Hexachlorobenzene	HEP	2012	Fish Consumption		Low
07	02030104050100-01	Rahway River (below Robinsons Branch)	Mercury in Fish Tissue	HEP	2010	Fish Consumption		Low

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07	02030104050100-01	Rahway River (below Robinsons Branch)	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Arsenic	01394500	2006	Water Supply		Low
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Phosphorus (Total)	01394500	2004	Aquatic Life		Medium
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Arsenic	01395000, 7-rah-1	2004	Water Supply		Low
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Mercury in Fish Tissue	Rahway R at Valley Road Pond	2008	Fish Consumption		Low
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Oxygen, Dissolved	Rahway River Park Lake, Nomahegan Park Lake	2010	Aquatic Life		Medium
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Phosphorus (Total)	01395000, 01394630, Rahway Park Lake, Bloodgoods Pond	2002	Aquatic Life		Medium
07	02030104050090-01	Rahway River SB	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104050090-01	Rahway River SB	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
07	02030104050090-01	Rahway River SB	Phosphorus (Total)	01396030	2004	Aquatic Life		Medium
07	02030104050090-01	Rahway River SB	Total Dissolved Solids (TDS)	01396030	2006	Water Supply		Medium
07	02030104050010-01	Rahway River WB	Phosphorus (Total)	01393960, Campbells Pond	2002	Aquatic Life		Medium
07	02030104050010-01	Rahway River WB	Sulfates	01393960	2006	Water Supply		Low
07	02030104050010-01	Rahway River WB	Total Dissolved Solids (TDS)	01393960	2002	Water Supply		Medium
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Oxygen, Dissolved	RA1	2010	Aquatic Life		Medium
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Temperature, water	BFBM000189	2014	Aquatic Life - Trout		Medium
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	pH	Bear Swamp Lake 2	2010	Aquatic Life		Medium
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Chlordane in Fish Tissue	Pompton Lake, Ramapo Lake, Ramapo River at Pompton Falls	2008	Fish Consumption	L	Low

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03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	DDT and its metabolites in Fish Tissue	Pompton Lake, Ramapo Lake, Ramapo River at Pompton Falls	2008	Fish Consumption	L	Low
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Mercury in Fish Tissue	Pompton Lake, Ramapo Lake, Ramapo River at Pompton Falls	2010	Fish Consumption		Low
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	PCB in Fish Tissue	Pompton Lake, Ramapo Lake, Ramapo River at Pompton Falls	2010	Fish Consumption	L	Low
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	pH	01388100, 01388000, PRTMDL-RA3, DROUGHT5	2004	Aquatic Life		Medium
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Temperature, water	01388000	2014	Aquatic Life		Medium
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Temperature, water	01387700	2014	Aquatic Life - Trout		Medium
19	02040202080050-01	Rancocas Ck (below Rt 130)	Mercury in Fish Tissue	Rancocas Creek at Riverside	2014	Fish Consumption		Low
19	02040202080050-01	Rancocas Ck (below Rt 130)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2010	Fish Consumption	L	Low
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Escherichia coli	BFBM000020	2012	Recreation		Medium
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Mercury in Fish Tissue	Rancocas Creek at Centerton	2014	Fish Consumption		Low
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Oxygen, Dissolved	RCW-M1	2014	Aquatic Life		Medium
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Phosphorus (Total)	01467011, RCW-M1	2004	Aquatic Life		Medium
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Arsenic	01467005, 19-ra-4n	2004	Water Supply		Low
19	02040202040050-01	Rancocas Ck NB (below Smithville)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low

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19	02040202040050-01	Rancocas Ck NB (below Smithville)	Phosphorus (Total)	01467005, RCW-N1, RCW-N3	2002	Aquatic Life		Medium
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Arsenic	01465950, 19-ra-1n	2012	Water Supply	A	Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Chlordane in Fish Tissue	Mirror Lake	2012	Fish Consumption	L	Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Copper	01465950, 19-ra-1n	2004	Aquatic Life		Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	DDT and its metabolites in Fish Tissue	Mirror Lake	2012	Fish Consumption	L	Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Lead	01465950, 19-ra-1n	1998	Water Supply		Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Mercury in Fish Tissue	Mirror Lake	2008	Fish Consumption		Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	PCB in Fish Tissue	Mirror Lake	2012	Fish Consumption	L	Low
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	pH	01465970, NNOMIRRS	2002	Aquatic Life		Medium
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Arsenic	01467000, 01465950, 19-ra-1n, 19-ra-3n	2014	Water Supply		Low
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Copper	01467000, 01465950, 19-ra-1n, 19-ra-3n	2014	Aquatic Life		Low
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Escherichia coli	01465970	2006	Recreation		Medium
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Mercury in Fish Tissue	Mirror Lake	2012	Fish Consumption		Low
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	pH	01465970, NNOMIRRS, NNONEWLI, RCW-NBRanc1	2002	Aquatic Life		Medium
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Arsenic	01467000, 19-ra-3n	2008	Water Supply		Low
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Copper	01467000, 19-ra-3n	2002	Aquatic Life		Low
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	pH	RCW-NBRanc1	2014	Aquatic Life		Medium
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Arsenic	01467000, 19-ra-3n, 19-ra-4n	2006	Water Supply		Low

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19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Copper	01467000, 19-ra-3n	2002	Aquatic Life		Low
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Phosphorus (Total)	RCW-NBRanc2/NBRanc3/NBRanc4/IR1	2006	Aquatic Life		Medium
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Arsenic	01467005, 19-ra-4n	2006	Water Supply		Low
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Phosphorus (Total)	0146700350, RCW-PR1, RCW-PRB	2006	Aquatic Life		Medium
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Turbidity	RCW-PRB	2014	Aquatic Life		Medium
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Arsenic	01465835	2008	Water Supply		Low
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Escherichia coli	01465835	2008	Recreation		Medium
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	PCB in Fish Tissue	Rancocas Tributary between Vincetown/BuDDxown	2006	Fish Consumption	L	Low
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	pH	01465835	2008	Aquatic Life		Medium
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Phosphorus (Total)	01465835	2008	Aquatic Life		Medium
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Arsenic	01465915, 19-ra-1s	2006	Water Supply		Low
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Escherichia coli	01465915	2006	Recreation		Medium
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Oxygen, Dissolved	01465915	2012	Aquatic Life		Medium
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Phosphorus (Total)	01465915	2002	Aquatic Life		Medium
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Arsenic	01465854, 01465850, 19-ra-1s	2006	Water Supply		Low
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	PCB in Fish Tissue	Rancocas Tributary between Vincetown/BuDDxown	2006	Fish Consumption	L	Low
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	pH	01465850, RCW-SB1	2002	Aquatic Life		Medium

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19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Phosphorus (Total)	01465854, 01465850, RCW-SBRanc1/SBRanc2/SB1/SB2	2006	Aquatic Life		Medium
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Arsenic	01465915, 19-ra-1s	2004	Water Supply		Low
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Escherichia coli	01465915	2006	Recreation		Medium
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Oxygen, Dissolved	01465915	2012	Aquatic Life		Medium
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Phosphorus (Total)	01465915	2002	Aquatic Life		Medium
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Arsenic	01465835, 19-ra-3s	2008	Water Supply		Low
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Escherichia coli	01465835	2008	Recreation		Medium
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Oxygen, Dissolved	01465835, Vincentown Millpond	2008	Aquatic Life		Medium
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	PCB in Fish Tissue	Rancocas Tributary between Vincetown/BuDDxown	2006	Fish Consumption	L	Low
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	pH	01465835	2008	Aquatic Life		Medium
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Phosphorus (Total)	01465835, Vincentown Millpond	2006	Aquatic Life		Medium
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Arsenic	01465857	2008	Water Supply		Low
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Nitrates	SBR3	2008	Aquatic Life		Medium
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	pH	SBR2, SBR3	2008	Aquatic Life		Medium
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Phosphorus (Total)	01465857, SBR0, SBR2, SBR3	2006	Aquatic Life		Medium
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Total Suspended Solids (TSS)	SBR0	2008	Aquatic Life		Medium

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19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Arsenic	01465882, 19-ra-2s	2004	Water Supply		Low
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Oxygen, Dissolved	01465882, RCW-SRB, RCW-SWBRanc1, RCW-SR1	2008	Aquatic Life		Medium
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	pH	01465882, RCW-SWBRanc1	2008	Aquatic Life		Medium
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Phosphorus (Total)	01465900, 01465884, 01465882, RCW-SWBRanc1/SRB/SR1	2006	Aquatic Life		Medium
12	02030104910030-01	Raritan Bay ( deep water)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
12	02030104910030-01	Raritan Bay ( deep water)	Cause Unknown	RB024, RB027, RB203, RB210, RB216	2014	Aquatic Life		Low
12	02030104910030-01	Raritan Bay ( deep water)	Chlordane in Fish Tissue	Raritan Bay @ Keansburg, Sandy Hook Bay	2006	Fish Consumption	L	Low
12	02030104910030-01	Raritan Bay ( deep water)	DDT and its metabolites in Fish Tissue	Raritan Bay @ Keansburg, Sandy Hook Bay	2012	Fish Consumption	L	Low
12	02030104910030-01	Raritan Bay ( deep water)	Dieldrin	HEP	2008	Fish Consumption	L	Low
12	02030104910030-01	Raritan Bay ( deep water)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
12	02030104910030-01	Raritan Bay ( deep water)	Mercury in Fish Tissue	Raritan Bay @ Keansburg, Sandy Hook Bay	2008	Fish Consumption		Low
12	02030104910030-01	Raritan Bay ( deep water)	PCB in Fish Tissue	Raritan Bay @ Keansburg, Sandy Hook Bay	2008	Fish Consumption	L	Low
12	02030104910030-01	Raritan Bay ( deep water)	Total Coliform	Shellfish Network	2008	Shellfish		Medium
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Chlordane in Fish Tissue	Raritan River Lower at Union Beach	2006	Fish Consumption	L	Low
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	DDT and its metabolites in Fish Tissue	Raritan River Lower at Union Beach	2012	Fish Consumption	L	Low

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12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Dieldrin	HEP	2008	Fish Consumption	L	Low
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Oxygen, Dissolved	NJHDG-28	2014	Aquatic Life		Medium
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	PCB in Fish Tissue	Raritan River Lower at Union Beach	2006	Fish Consumption	L	Low
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	pH	Passaic-25	2014	Aquatic Life		Medium
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Chlordane in Fish Tissue	Raritan River Upper at Rt 1, Raritan @ Rt 35	2008	Fish Consumption	L	Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	DDT and its metabolites in Fish Tissue	Raritan River Upper at Rt 1, Raritan @ Rt 35	2012	Fish Consumption	L	Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Dieldrin	HEP	2008	Fish Consumption	L	Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Enterococcus	NJHDG-27	2012	Recreation		Medium
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Mercury in Fish Tissue	Raritan River Upper at Rt 1, Raritan @ Rt 35	2010	Fish Consumption		Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	PCB in Fish Tissue	Raritan River Upper at Rt 1, Raritan @ Rt 35	2006	Fish Consumption	L	Low
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Total Coliform	Shellfish Network	2014	Shellfish		Medium
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Arsenic	01403300	2004	Water Supply		Low
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Benzene	01403300	2006	Water Supply		Low



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09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	pH	R4	2014	Aquatic Life		Medium
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Phosphorus (Total)	01403300	2002	Aquatic Life		Medium
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Total Suspended Solids (TSS)	01403300	2006	Aquatic Life		High
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Arsenic	01404170	2002	Water Supply		Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Chlordane in Fish Tissue	Raritan River @ Route 1 Bridge, Raritan River Upper	2008	Fish Consumption	L	Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	DDT and its metabolites in Fish Tissue	Raritan River @ Route 1 Bridge, Raritan River Upper	2012	Fish Consumption	L	Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Dieldrin	HEP	2008	Fish Consumption	L	Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2008	Fish Consumption		Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Enterococcus	NJHDG-26	2012	Recreation		Medium
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Mercury in Fish Tissue	Raritan River @ Route 1 Bridge, Raritan River Upper	2010	Fish Consumption		Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	PCB in Fish Tissue	Raritan River @ Route 1 Bridge, Raritan River Upper	2008	Fish Consumption	L	Low
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	pH	Passaic-23	2014	Aquatic Life		Medium
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Phosphorus (Total)	01404170	2002	Aquatic Life		Medium
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Temperature, water	Passaic-23	2014	Aquatic Life		Medium

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09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Total Suspended Solids (TSS)	01404170	2006	Aquatic Life		Medium
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Arsenic	01403300, 01404170	2004	Water Supply		Low
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Benzene	01403300	2006	Water Supply		Low
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	PCB in Fish Tissue	Raritan R at Millstone	2006	Fish Consumption	L	Low
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	pH	01460595	2014	Aquatic Life		Medium
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Phosphorus (Total)	01403300, 01404170	2006	Aquatic Life	R	Medium
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Temperature, water	01460595	2014	Aquatic Life	R	Medium
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Total Suspended Solids (TSS)	01403300, 01404170	2006	Aquatic Life	R	Medium
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	pH	R1	2010	Aquatic Life		Medium
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Phosphorus (Total)	RR1	2014	Aquatic Life		High
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Temperature, water	01400500	2014	Aquatic Life		Medium
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Total Suspended Solids (TSS)	RR1	2014	Aquatic Life		High
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Turbidity	01400500	2014	Aquatic Life		Medium
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	pH	01400500, R1	2014	Aquatic Life		Medium
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Phosphorus (Total)	Japanese Garden A, Lake 31A	2010	Aquatic Life		High
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Temperature, water	01400500	2014	Aquatic Life		Medium
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Turbidity	01400500	2014	Aquatic Life		Medium
08	02030105070030-01	Raritan R NB (below Rt 28)	Arsenic	01400000	2012	Water Supply		Low
08	02030105070030-01	Raritan R NB (below Rt 28)	pH	01400000, NBRR7	2012	Aquatic Life		Medium

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08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Oxygen, Dissolved	NBRR1	2012	Aquatic Life - Trout		Medium
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Temperature, water	NBRR1	2010	Aquatic Life - Trout		Medium
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Arsenic	01398900	2012	Water Supply		Low
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Cause Unknown	AN0352	2008	Aquatic Life		Low
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Oxygen, Dissolved	NBRR6	2012	Aquatic Life		Medium
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Total Suspended Solids (TSS)	NBRR4-Rlo	2014	Aquatic Life, Aquatic Life - Trout		High
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Arsenic	01399820	2012	Water Supply		Low
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Cause Unknown	AN0371	2008	Aquatic Life		Low
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Oxygen, Dissolved	SBR4	2010	Aquatic Life - Trout		Medium
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	pH	SBR4	2014	Aquatic Life, Aquatic Life - Trout		High
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Temperature, water	SBR4	2006	Aquatic Life - Trout		Medium
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Cause Unknown	SBWA02	2014	Aquatic Life		Low
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Arsenic	01398102, 8-sb-6	1998	Water Supply		Low
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	pH	SBRR10, 01398102	2010	Aquatic Life		High
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Phosphorus (Total)	01398102, SBRR10	2006	Aquatic Life		High
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Arsenic	01397415	2006	Water Supply		Low
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Phosphorus (Total)	SBRR9, 01397415	2006	Aquatic Life		High
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Arsenic	01397000, 8-sb-3	2004	Water Supply		Low

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08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	pH	01397000	2014	Aquatic Lfpe, Aquatic Life - Trout		Medium
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Temperature, water	SBRR8	2006	Aquatic Life - Trout		Medium
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Phosphorus (Total)	SBRR6, SBRR7	2010	Aquatic Lfpe, Aquatic Life - Trout		High
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Temperature, water	SB1, SBRR6, SBRR7	2010	Aquatic Life - Trout	R	Medium
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Total Suspended Solids (TSS)	SBRR6, SBRR7	2010	Aquatic Life, Aquatic Life - Trout		High
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Temperature, water	01396535	2002	Aquatic Life - Trout		Medium
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Arsenic	01396350	2012	Water Supply		Low
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Cause Unknown	AN0316	2014	Aquatic Life		Low
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	pH	01397000	2014	Aquatic Lfpe, Aquatic Life - Trout		Medium
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Phosphorus (Total)	SBRR9	2010	Aquatic Life		High
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Temperature, water	SBRR8	2006	Aquatic Life - Trout		Medium
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Chlordane in Fish Tissue	Raritan Bay at Rt 35	2008	Fish Consumption	L	Low
09	02030105160090-01	Red Root Creek / Crows Mill Creek	DDT and its metabolites in Fish Tissue	Raritan Bay at Rt 35	2012	Fish Consumption	L	Low
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Dieldrin	HEP	2008	Fish Consumption	L	Low
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Heptachlor epoxide	HEP	2008	Fish Consumption	L	Low
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Mercury in Fish Tissue	Raritan Bay at Rt 35	2010	Fish Consumption		Low

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09	02030105160090-01	Red Root Creek / Crows Mill Creek	PCB in Fish Tissue	Raritan Bay at Rt 35	2006	Fish Consumption	L	Low
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	Oxygen, Dissolved	2400A, 2503, 2412A, 2307B, 2408A, 2305C, 2301, 2306C	2012	Aquatic Life		Medium
18	02040202140050-01	Repaupo Ck (below Tomlin Sta Rd)/CedarSwamp	Mercury in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption		Low
18	02040202140050-01	Repaupo Ck (below Tomlin Sta Rd)/CedarSwamp	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Arsenic	01408492	2012	Water Supply	A	Low
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Escherichia coli	01408492	2014	Recreation		Medium
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	pH	01408492	2006	Aquatic Life		Medium
16	02040206210010-01	Riggins Ditch (Moores Beach to East Pt)	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Phosphorus (Total)	01395500	2008	Aquatic Life		Medium
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Arsenic	01396003, 7-Rob-1	2004	Water Supply		Low
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Phosphorus (Total)	01395500, 01396003, 01395200	2002	Aquatic Life		Medium
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Arsenic	01401595, 10-ro-1	2012	Water Supply		Low
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Cause Unknown	AN0400	2012	Aquatic Life		Low
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Arsenic	01399570, 01399565	2012	Water Supply		Low
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Temperature, water	01399565	2014	Aquatic Life - Trout		Medium
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Arsenic	01399570, 8-ro-1	2012	Water Supply		Low
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Escherichia coli	BFBM000044	2012	Recreation		Medium
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	pH	NBRC1	2010	Aquatic Life, Aquatic Life - Trout		Medium

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08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Phosphorus (Total)	01399700	2010	Aquatic Life		High
08	02030105050100-01	Rockaway Ck SB	Escherichia coli	BFBM000016	2012	Recreation		Medium
08	02030105050100-01	Rockaway Ck SB	Phosphorus (Total)	01399650, SBRC1-Cli, SBRC3-Clo	2006	Aquatic Life, Aquatic Life - Trout		High
08	02030105050100-01	Rockaway Ck SB	Temperature, water	01399650	2012	Aquatic Life - Trout		Medium
08	02030105050100-01	Rockaway Ck SB	Total Suspended Solids (TSS)	SBRC3-Clo	2014	Aquatic Life, Aquatic Life - Trout		High
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	pH	Sun Air Campground	2012	Aquatic Life		Medium
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Arsenic	01380450, 01380500, 6-site-11	1998	Water Supply		Low
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Chlordane in Fish Tissue	Boonton Reservoir, Rockaway River	2008	Fish Consumption	L	Low
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	DDT and its metabolites in Fish Tissue	Boonton Reservoir, Rockaway River	2008	Fish Consumption	L	Low
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	PCB in Fish Tissue	Boonton Reservoir, Rockaway River	2008	Fish Consumption	L	Low
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Tetrachloroethylene	01380450, 01380500, 6-site-11	1998	Water Supply		Low
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Oxygen, Dissolved	RO2	2010	Aquatic Life		Medium
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Tetrachloroethylene	01381200, 6-roc-1, 6-site-10	1998	Water Supply		Low
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Cause Unknown	AN0240	2006	Aquatic Life		Low
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Arsenic	01380450, 6-site-11	2006	Water Supply		Low
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Cause Unknown	AN0248	2006	Aquatic Life		Low
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Tetrachloroethylene	01380500, 01380450, 6-site-11	1998	Water Supply		Low
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Arsenic	01400585	1998	Water Supply		Low
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Arsenic	01400599, 01400598, 10-roc-1, 10-roc-2	2004	Water Supply		Low

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10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Chlordane in Fish Tissue	Peddie Lake	2012	Fish Consumption	L	Low
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	DDT and its metabolites in Fish Tissue	Peddie Lake	2012	Fish Consumption	L	Low
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Mercury in Fish Tissue	Peddie Lake	2012	Fish Consumption		Low
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Oxygen, Dissolved	RB4	2010	Aquatic Life		Medium
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	PCB in Fish Tissue	Peddie Lake	2012	Fish Consumption	L	Low
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Phosphorus (Total)	RB4, Peddie Lake	2006	Aquatic Life		High
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Cause Unknown	AN0411	2008	Aquatic Life		Low
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Escherichia coli	BFBM000028	2014	Recreation		Medium
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Cause Unknown	AN0412, AN0413	2006	Aquatic Life		Low
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Escherichia coli	BFBM000045	2012	Recreation		Medium
06	02030103030010-01	Russia Brook (above Milton)	Temperature, water	01379615	2014	Aquatic Life - Trout		Medium
04	02030103140040-01	Saddle River (above Ridgewood gage)	pH	01390500	2014	Aquatic Life		Medium
04	02030103140040-01	Saddle River (above Ridgewood gage)	Total Suspended Solids (TSS)	01390500	2014	Aquatic Life		High
04	02030103140070-01	Saddle River (below Lodi gage)	Arsenic	01391500, 01391550, 4-SAD-1, 4-SITE-13, 4-SITE-12	1998	Water Supply		Low
04	02030103140070-01	Saddle River (below Lodi gage)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
04	02030103140070-01	Saddle River (below Lodi gage)	PCB in Fish Tissue	Passaic River Lower, with tribs and Estuary	2006	Fish Consumption	L	Low
04	02030103140070-01	Saddle River (below Lodi gage)	Phosphorus (Total)	01391500, 01391540, NJHDG-6, Passaic-7	2006	Aquatic Life		High
04	02030103140070-01	Saddle River (below Lodi gage)	Total Dissolved Solids (TDS)	01391500, 01391550	2004	Water Supply		Medium

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04	02030103140070-01	Saddle River (below Lodi gage)	Total Suspended Solids (TSS)	01391500, NJHDG-6	2014	Aquatic Life		High
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Arsenic	01390518	2010	Water Supply		Low
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	pH	01390500	2014	Aquatic Life		Medium
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Phosphorus (Total)	SR001	2010	Aquatic Life		High
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Total Suspended Solids (TSS)	01390500	2014	Aquatic Life		High
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Arsenic	01391500, 4-SAD-1, 4-SITE-13, 4-SITE-12	1998	Water Supply		Low
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Phosphorus (Total)	01391500	2006	Aquatic Life		High
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Total Dissolved Solids (TDS)	01391500	2004	Water Supply		Medium
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Total Suspended Solids (TSS)	01391500	2014	Aquatic Life		High
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Arsenic	01391110, 01391200, 4-sad-1, 4-site-13, 4-site-12	1998	Water Supply		Low
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	pH	01391200	2014	Aquatic Life		Medium
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Phosphorus (Total)	01391110	2006	Aquatic Life		High
17	02040206030080-01	Salem Canal	Oxygen, Dissolved	01482580, BFBM000064	2010	Aquatic Life		Medium
17	02040206030080-01	Salem Canal	Phosphorus (Total)	01482580	2010	Aquatic Life		Medium
17	02040206030080-01	Salem Canal	Temperature, water	01482580	2014	Aquatic Life		Medium
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Mercury in Fish Tissue	Salem River near Carneys Point	2014	Fish Consumption		Low
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Oxygen, Dissolved	01482537	2014	Aquatic Life		Medium
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	PCB in Fish Tissue	Salem River near Carneys Point	2014	Fish Consumption	L	Low
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	pH	01482537	2012	Aquatic Life		Medium
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Phosphorus (Total)	01482537	2006	Aquatic Life		High
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Total Suspended Solids (TSS)	01482537	2012	Aquatic Life		Medium



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17	02040206030010-01	Salem R (above Woodstown gage)	pH	01482500, S2, S3, S8, S9, S10	2006	Aquatic Life		Medium
17	02040206030010-01	Salem R (above Woodstown gage)	Total Suspended Solids (TSS)	S8, S9, S10	2010	Aquatic Life	R	Medium
17	02040206040040-01	Salem R (below Fenwick Creek)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Oxygen, Dissolved	01482500, 01482505	2010	Aquatic Life		Medium
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	pH	01482500	2006	Aquatic Life		Medium
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Phosphorus (Total)	01482500, 01482503, 01482505, 01482508	2006	Aquatic Life		High
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Arsenic	01482520, 01482530	2008	Water Supply		Low
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Oxygen, Dissolved	01482530, 01482537	2008	Aquatic Life		Medium
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	pH	01482537	2008	Aquatic Life		Medium
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Phosphorus (Total)	01482537, 01482519, 01482530, 01482520	2006	Aquatic Life		High
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Total Suspended Solids (TSS)	01482537	2006	Aquatic Life		Medium
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Turbidity	01482530	2012	Aquatic Life		Medium
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Benzo(a)pyrene (PAHs)	HEP	2008	Fish Consumption		Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Cause Unknown	RB016/030/032/033/202/211/214/003/011	2014	Aquatic Life		Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Chlordane in Fish Tissue	Raritan Bay at Lower Bay, E. Raritan Bay at Keansbu	2006	Fish Consumption	L	Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	DDT and its metabolites in Fish Tissue	Raritan Bay at Lower Bay, E. Raritan Bay at Keansbu	2008	Fish Consumption	L	Low

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12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Dieldrin	HEP	2008	Fish Consumption	L	Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	PCB in Fish Tissue	Raritan Bay at Lower Bay, E. Raritan Bay at Keansbu	2008	Fish Consumption	L	Low
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Total Coliform	Shellfish Network	2008	Shellfish		Medium
16	02040206210050-01	Savages Run (above East Creek Pond)	Cause Unknown	AN0766	2014	Aquatic Life		Low
08	02030105030020-01	Second Neshanic River	Cause Unknown	AN0331	2012	Aquatic Life		Low
04	02030103150020-01	Second River	Escherichia coli	Passaic-5	2004	Recreation		Medium
04	02030103150020-01	Second River	pH	01392520, NJHDG-9, Passaic-5	2006	Aquatic Life		Medium
04	02030103150020-01	Second River	Phosphorus (Total)	NJHDG-9	2006	Aquatic Life		Medium
11	02040105240010-01	Shabakunk Creek	Arsenic	01463810	2012	Water Supply		Low
11	02040105240010-01	Shabakunk Creek	Mercury in Fish Tissue	Assunpink Creek	2006	Fish Consumption		Low
11	02040105240010-01	Shabakunk Creek	Phosphorus (Total)	Colonial Lake	2010	Aquatic Life		Medium
11	02040105240020-01	Shabakunk Creek WB	Arsenic	01463810	2014	Water Supply		Low
11	02040105240020-01	Shabakunk Creek WB	Cause Unknown	AN0114	2014	Aquatic Life		Low
11	02040105240020-01	Shabakunk Creek WB	Mercury in Fish Tissue	Assunpink Creek	2014	Fish Consumption		Low
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Mercury in Fish Tissue	Spring Lake, Delaware Bay Tribs	2006	Fish Consumption		Low
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	PCB in Fish Tissue	Spring Lake, Delaware Bay Tribs	2006	Fish Consumption	L	Low
10	02030105100100-01	Shallow Brook (Devils Brook)	Cause Unknown	AN0388	2008	Aquatic Life		Low
13	02040301070010-01	Shannae Brook	pH	01408480	2002	Aquatic Life		Medium
12	02030104090040-01	Shark River (above Remsen Mill gage)	Arsenic	01407670	2012	Water Supply		Low
12	02030104090040-01	Shark River (above Remsen Mill gage)	Chlordane in Fish Tissue	Shark River at Belmar	2006	Fish Consumption	L	Low
12	02030104090040-01	Shark River (above Remsen Mill gage)	DDT and its metabolites in Fish Tissue	Shark River at Belmar	2006	Fish Consumption	L	Low
12	02030104090040-01	Shark River (above Remsen Mill gage)	PCB in Fish Tissue	Shark River at Belmar	2008	Fish Consumption	L	Low

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12	02030104090060-01	Shark River (below Remsen Mill gage)	Chlordane in Fish Tissue	Shark River at Belmar	2006	Fish Consumption	L	Low
12	02030104090060-01	Shark River (below Remsen Mill gage)	DDT and its metabolites in Fish Tissue	Shark River at Belmar	2006	Fish Consumption	L	Low
12	02030104090060-01	Shark River (below Remsen Mill gage)	Mercury in Fish Tissue	Shark River at Belmar	2006	Fish Consumption		Low
12	02030104090060-01	Shark River (below Remsen Mill gage)	Oxygen, Dissolved	1217A	2006	Aquatic Life		Medium
12	02030104090060-01	Shark River (below Remsen Mill gage)	PCB in Fish Tissue	Shark River at Belmar	2006	Fish Consumption	L	Low
01	02040104090030-01	Shimers Brook	Arsenic	01438399	2012	Water Supply		Low
01	02040104090030-01	Shimers Brook	Phosphorus (Total)	Clove Lake	2014	Aquatic Life		Medium
01	02040104090030-01	Shimers Brook	Temperature, water	01438399, DRBC/NPS47	2008	Aquatic Life - Trout		Medium
11	02040105230060-01	Shipetaukin Creek	Escherichia coli	01463661	2008	Recreation		Medium
11	02040105230060-01	Shipetaukin Creek	Oxygen, Dissolved	01463661	2010	Aquatic Life		Medium
12	02030104080040-01	Shrewsbury River (above Navesink River)	DDT and its metabolites in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
12	02030104080040-01	Shrewsbury River (above Navesink River)	Mercury in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption		Low
12	02030104080040-01	Shrewsbury River (above Navesink River)	PCB in Fish Tissue	Shrewsbury River at Oceanport	2006	Fish Consumption	L	Low
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Escherichia coli	BFBM000017	2012	Recreation		Medium
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Phosphorus (Total)	01401900	2006	Aquatic Life		Medium
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Phosphorus (Total)	SMR1	2010	Aquatic Life		Medium
14	02040301150020-01	Skit Branch (Batsto River)	Arsenic	01409437	2014	Water Supply		Low
14	02040301150020-01	Skit Branch (Batsto River)	Lead	01409437	2014	Water Supply		Low
14	02040301160170-01	Sleeper Branch	DDT and its metabolites in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301160170-01	Sleeper Branch	Mercury in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption		Low
14	02040301160170-01	Sleeper Branch	PCB in Fish Tissue	Mullica River between Green Bank and Batsto	2010	Fish Consumption	L	Low
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Arsenic	0140940200	2012	Water Supply	A	Low

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14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	pH	01409402, 0140940200, 0140940370, MWIBURNT, MCOIMPNT,	2002	Aquatic Life		Medium
06	02030103010190-01	Slough Brook	Arsenic	01379525	2014	Water Supply		Low
06	02030103010190-01	Slough Brook	Cause Unknown	AN0231C	2002	Aquatic Life		Low
06	02030103010190-01	Slough Brook	Total Dissolved Solids (TDS)	01379530, 01379525	2010	Water Supply		Medium
16	02040206220020-01	Sluice Creek	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
09	02030105120080-01	South Fork of Bound Brook	PCB in Fish Tissue	New Market Pond, Bound Brook	2006	Fish Consumption	L	Low
09	02030105120080-01	South Fork of Bound Brook	Phosphorus (Total)	01403385	2002	Aquatic Life		Medium
15	02040302050030-01	South River (above 39d26m15s)	Arsenic	01411220	2014	Water Supply		Low
15	02040302050030-01	South River (above 39d26m15s)	Oxygen, Dissolved	01411220	2014	Aquatic Life		Medium
15	02040302050030-01	South River (above 39d26m15s)	pH	LSOESTEL, LSOUT552	2006	Aquatic Life		Medium
15	02040302050040-01	South River (below 39d26m15s)	Arsenic	01411220, 01411221	2012	Water Supply	A	Low
15	02040302050040-01	South River (below 39d26m15s)	pH	01411221, 01411220, LSOFORTY	2002	Aquatic Life		Medium
09	02030105160070-01	South River (below Duhernal Lake)	Arsenic	304(l)	1998	Water Supply		Low
09	02030105160070-01	South River (below Duhernal Lake)	Cadmium	304(l)	1998	Aquatic Life, Fish Consumption		Low
09	02030105160070-01	South River (below Duhernal Lake)	Chromium (total)	304(l)	1998	Fish Consumption		Low
09	02030105160070-01	South River (below Duhernal Lake)	Copper	304(l)	1998	Aquatic Life		Low
09	02030105160070-01	South River (below Duhernal Lake)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
09	02030105160070-01	South River (below Duhernal Lake)	Lead	304(l)	1998	Water Supply		Low
09	02030105160070-01	South River (below Duhernal Lake)	Mercury in Water Column	304(l)	1998	Water Supply, Aquatic Life		Low

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09	02030105160070-01	South River (below Duhernal Lake)	PCB in Fish Tissue	South River at Sayreville, South River at Old Bridg	2006	Fish Consumption	L	Low
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	pH	Willow Pond	2010	Aquatic Life		Medium
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Arsenic	01464280	2012	Water Supply		Low
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Escherichia coli	01464280	2006	Recreation		Medium
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	pH	01464280, 01464290	2006	Aquatic Life		Medium
20	02040201040050-01	South Run (North Run to Jumping Brook)	Mercury in Fish Tissue	Crosswicks Creek	2006	Fish Consumption		Low
20	02040201040050-01	South Run (North Run to Jumping Brook)	Phosphorus (Total)	01464300	2006	Aquatic Life		Medium
05	02030101170020-01	Sparkill Brook	Arsenic	01376273	2012	Water Supply		Low
05	02030101170020-01	Sparkill Brook	Escherichia coli	01376273	2012	Recreation		Medium
05	02030101170020-01	Sparkill Brook	Phosphorus (Total)	01376273	2008	Aquatic Life		Medium
01	02040105040050-01	Sparta Junction tribs	Temperature, water	01443276, BFBM000176	2012	Aquatic Life - Trout		Medium
09	02030105120090-01	Spring Lake Fork of Bound Brook	PCB in Fish Tissue	Spring Lake (NMP)	2006	Fish Consumption	L	Low
09	02030105120090-01	Spring Lake Fork of Bound Brook	Phosphorus (Total)	01403385	2002	Aquatic Life		Medium
14	02040301150040-01	Springers Brook / Deep Run	Arsenic	01409455	2012	Water Supply		Low
14	02040301150040-01	Springers Brook / Deep Run	pH	01409455, BSPRDIKE	2002	Aquatic Life		Medium
08	02030105020010-01	Spruce Run (above Glen Gardner)	Temperature, water	01396550	2002	Aquatic Life - Trout		Medium
08	02030105020020-01	Spruce Run (Reservior to Glen Gardner)	Temperature, water	01396588	2008	Aquatic Life - Trout		Medium
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	pH	01396800, Clinton WMA Pond	2002	Aquatic Life, Aquatic Life - Trout		Medium
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Phosphorus (Total)	01396800	2002	Aquatic Life, Aquatic Life - Trout		Medium
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Temperature, water	01396800	2002	Aquatic Life - Trout		Medium
15	02040302030050-01	Squankum Branch (GEHR)	Arsenic	01410890	2014	Water Supply	A	Low
15	02040302030050-01	Squankum Branch (GEHR)	Mercury in Water Column	01410865	2010	Water Supply		Low

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15	02040302030050-01	Squankum Branch (GEHR)	pH	01410865, 01410890	2006	Aquatic Life		Medium
15	02040302050080-01	Stephen Creek (GEHR)	Arsenic	01411230	2012	Water Supply	A	Low
15	02040302050080-01	Stephen Creek (GEHR)	PCB in Fish Tissue	Maple Lake	2010	Fish Consumption	L	Low
15	02040302050080-01	Stephen Creek (GEHR)	pH	01411230, LSTMAPLE	2006	Aquatic Life		Medium
17	02040206120050-01	Still Run (WillowGroveLk - SilverLakeRd)	Cause Unknown	AN0730, AN0732	2008	Aquatic Life		Low
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Arsenic	01476600	2012	Water Supply		Low
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Phosphorus (Total)	01476600	2012	Aquatic Life		Medium
03	02030103050070-01	Stone House Brook	Temperature, water	Pqkakebk	2010	Aquatic Life - Trout		Medium
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Arsenic	01400860, 01400870	2012	Water Supply		Low
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Escherichia coli	01400870	2008	Recreation	R	Medium
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Oxygen, Dissolved	01400860	2012	Aquatic Life		Medium
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	Escherichia coli	BFBM000018	2012	Recreation		Medium
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	Escherichia coli	BFBM000010	2012	Recreation	R	Medium
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	Escherichia coli	BFBM000011	2012	Recreation		Medium
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Arsenic	01401000, 10-sto-1, 10-sto-4	2006	Water Supply		Low
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Phosphorus (Total)	01401000	2002	Aquatic Life		High
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Arsenic	01401000, 10-sto-1, 10-sto-4	2006	Water Supply		Low
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Phosphorus (Total)	01401000	2002	Aquatic Life		High
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Arsenic	01401000, 10-sto-1, 10-sto-4	1998	Water Supply		Low
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Phosphorus (Total)	01401000	2002	Aquatic Life		High
10	02030105090090-01	Stony Bk- Princeton drainage	Arsenic	01401000, 10-sto-1, 10-sto-4	2010	Water Supply		Low
10	02030105090090-01	Stony Bk- Princeton drainage	Phosphorus (Total)	01401000	2010	Aquatic Life		High

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06	02030103030130-01	Stony Brook (Boonton)	Arsenic	01380270, 01380320	2012	Water Supply		Low
06	02030103030130-01	Stony Brook (Boonton)	Mercury in Water Column	01380270	2012	Water Supply		Low
06	02030103030130-01	Stony Brook (Boonton)	Oxygen, Dissolved	01380270	2010	Aquatic Life		Medium
09	02030105120030-01	Stony Brook (North Plainfield)	Arsenic	01403575	2012	Water Supply		Low
09	02030105120030-01	Stony Brook (North Plainfield)	Cause Unknown	AN0422	2006	Aquatic Life		Low
17	02040206070050-01	Stow Creek (above Jericho Road)	Cause Unknown	AN0705	2014	Aquatic Life		Low
17	02040206070080-01	Stow Creek (below Canton Rd)	Oxygen, Dissolved	R53, R54	2006	Aquatic Life		Medium
17	02040206070080-01	Stow Creek (below Canton Rd)	PCB in Fish Tissue	Stow Creek Canton	2006	Fish Consumption	L	Low
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Oxygen, Dissolved	R54	2012	Aquatic Life		Medium
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	PCB in Fish Tissue	Stow Creek Canton	2006	Fish Consumption	L	Low
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	Escherichia coli	BFBM000012	2012	Recreation		Medium
01	02040105030020-01	Swartswood Lake and tribs	Arsenic	01443466, 01443470	2012	Water Supply		Low
01	02040105030020-01	Swartswood Lake and tribs	PCB in Fish Tissue	Swartswood Lake	2012	Fish Consumption	L	Low
01	02040105030020-01	Swartswood Lake and tribs	Temperature, water	01443466	2014	Aquatic Life - Trout		Medium
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	pH	Mecca Lake	2010	Aquatic Life		Medium
18	02040202090010-01	Swede Run	Arsenic	01467027	2008	Water Supply		Low
18	02040202090010-01	Swede Run	Escherichia coli	BFBM000051	2012	Recreation		Medium
18	02040202090010-01	Swede Run	Oxygen, Dissolved	01467027	2008	Aquatic Life		Medium
18	02040202090010-01	Swede Run	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Chlordane in Fish Tissue	Swimming River Reservoir, Marlu Lake (Thompson Park)	2010	Fish Consumption	L	Low
12	02030104070070-01	Swimming River Reservoir / Slope Bk	DDT and its metabolites in Fish Tissue	Swimming River Reservoir, Marlu Lake (Thompson Park)	2010	Fish Consumption	L	Low
12	02030104070070-01	Swimming River Reservoir / Slope Bk	PCB in Fish Tissue	Swimming River Reservoir, Marlu Lake (Thompson Park)	2010	Fish Consumption	L	Low
12	02030104070070-01	Swimming River Reservoir / Slope Bk	Phosphorus (Total)	MCHD-56	2002	Aquatic Life		Medium

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12	02030104070070-01	Swimming River Reservoir / Slope Bk	Total Suspended Solids (TSS)	MCHD-56	2006	Aquatic Life		Medium
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	pH	TTAR548S	2012	Aquatic Life		Medium
05	02030103170040-01	Tenakill Brook	Arsenic	01378387, 5-ten-2	2004	Water Supply		Low
05	02030103170040-01	Tenakill Brook	pH	TB2, TB3, TB4	2014	Aquatic Life		Medium
05	02030103170040-01	Tenakill Brook	Phosphorus (Total)	DB1, TB1, TB2, TB3, TB4	2010	Aquatic Life	R	Medium
05	02030103170040-01	Tenakill Brook	Total Suspended Solids (TSS)	TB3, DB1	2010	Aquatic Life	R	Medium
08	02030105030040-01	Third Neshanic River	Oxygen, Dissolved	01397950	2006	Aquatic Life		Medium
04	02030103150010-01	Third River	Chlordane in Fish Tissue	Passaic River at Lyndhurst	2014	Fish Consumption	L	Low
04	02030103150010-01	Third River	DDT and its metabolites in Fish Tissue	HEP	2014	Fish Consumption	L	Low
04	02030103150010-01	Third River	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
04	02030103150010-01	Third River	Mercury in Fish Tissue	Passaic River at Lyndhurst	2014	Fish Consumption		Low
04	02030103150010-01	Third River	PCB in Fish Tissue	Passaic River at Lyndhurst	2006	Fish Consumption	L	Low
04	02030103150010-01	Third River	Phosphorus (Total)	Clarks Pond	2010	Aquatic Life		Medium
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Arsenic	01411073	2014	Water Supply		Low
13	BarnegatBay04	Toms R Estuary	Oxygen, Dissolved	BB04a	2014	Aquatic Life		Medium
13	BarnegatBay04	Toms R Estuary	Chlordane in Fish Tissue	Barnegat Bay at Toms River	2012	Fish Consumption	L	Low
13	BarnegatBay04	Toms R Estuary	DDT and its metabolites in Fish Tissue	Barnegat Bay at Toms River	2012	Fish Consumption	L	Low
13	BarnegatBay04	Toms R Estuary	PCB in Fish Tissue	Barnegat Bay at Toms River	2012	Fish Consumption	L	Low
13	BarnegatBay04	Toms R Estuary	Mercury in Fish Tissue	Barnegat Bay at Toms River	2012	Fish Consumption		Low
13	02040301060020-01	Toms River (74-22-30 rd to Francis Mills)	Arsenic	01408253, 01408260	2012	Water Supply		Low
13	02040301060010-01	Toms River (above Francis Mills)	Oxygen, Dissolved	MCHD-7	2014	Aquatic Life		Medium
13	02040301060010-01	Toms River (above Francis Mills)	Phosphorus (Total)	MCHD-7	2002	Aquatic Life		Medium



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13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Arsenic	01408260	2014	Water Supply		Low
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Temperature, water	AN0520	2014	Aquatic Life - Trout		Medium
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Cause Unknown	AN0535	2014	Aquatic Life		Low
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Cause Unknown	AN0535	2012	Aquatic Life		Low
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Chlordane in Fish Tissue	Toms River at Ridgeway Branch, Barnegat Bay at Tom	2007	Fish Consumption	L	Low
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	DDT and its metabolites in Fish Tissue	Toms River at Ridgeway Branch, Barnegat Bay at Tom	2006	Fish Consumption	L	Low
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	PCB in Fish Tissue	Toms River at Ridgeway Branch, Barnegat Bay at Tom	2006	Fish Consumption	L	Low
01	02040105070050-01	Trout Brook / Lake Tranquility	Mercury in Fish Tissue	Allamuchy Pond	2014	Fish Consumption		Low
01	02040105070050-01	Trout Brook / Lake Tranquility	PCB in Fish Tissue	Allamuchy Pond	2014	Fish Consumption	L	Low
01	02040105070050-01	Trout Brook / Lake Tranquility	pH	Allamuchy Pond, Lake Tranquility	2012	Aquatic Life		Medium
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Cause Unknown	AN0236	2008	Aquatic Life		Low
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Cause Unknown	AN0237	2014	Aquatic Life		Low
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	pH	01411290	2004	Aquatic Life		Medium
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	pH	01411290	2006	Aquatic Life		Medium
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Arsenic	01411295	2012	Water Supply	A	Low
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Oxygen, Dissolved	01411300	2014	Aquatic Life		Medium
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	pH	01411295	2006	Aquatic Life		Medium
14	02040301190060-01	Tulpehocken Creek	Cause Unknown	AN0599	2014	Aquatic Life		Low

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Station Number	Cycle 1st Listed	Designated Use	Sublist 5 Subpart (A, R, L)	Priority Ranking for TMDL
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Temperature, water	01438517	2014	Aquatic Life - Trout		Medium
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Arsenic	01408380, 01408495	2012	Water Supply	A	Low
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Cause Unknown	AN0530	2014	Aquatic Life		Low
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Chlordane in Fish Tissue	Horicon Lake	2010	Fish Consumption	L	Low
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	DDT and its metabolites in Fish Tissue	Horicon Lake	2010	Fish Consumption	L	Low
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	PCB in Fish Tissue	Horicon Lake	2010	Fish Consumption	L	Low
01	02040105100010-01	Union Church trib	Escherichia coli	BFBM000120	2014	Recreation		Medium
01	02040105100010-01	Union Church trib	Phosphorus (Total)	Glovers Pond	2014	Aquatic Life		Medium
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Benzo(a)pyrene (PAHs)	HEP	2007	Fish Consumption		Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Cause Unknown	NB207, NB218, NB228, UH019, UH022	2007	Aquatic Life		Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Chlordane in Fish Tissue	HEP	2007	Fish Consumption	L	Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	DDT and its metabolites in Fish Tissue	HEP	2008	Fish Consumption	L	Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Dieldrin	HEP	2007	Fish Consumption	L	Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Heptachlor epoxide	HEP	2010	Fish Consumption	L	Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Hexachlorobenzene	HEP	2008	Fish Consumption		Low
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
01	02040104240010-01	Van Campens Brook	Mercury in Fish Tissue	Blue Mountain Lakes	2012	Fish Consumption		Low
12	02030104060050-01	Waackaack Creek	Arsenic	01407065	2008	Water Supply	A	Low
12	02030104060050-01	Waackaack Creek	Chlordane in Fish Tissue	HEP	2006	Fish Consumption	L	Low
12	02030104060050-01	Waackaack Creek	DDT and its metabolites in Fish Tissue	HEP	2006	Fish Consumption	L	Low

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Station Number	Cycle 1st Listed	Designated Use	Sublist 5 Subpart (A, R, L)	Priority Ranking for TMDL
12	02030104060050-01	Waackaack Creek	Mercury in Fish Tissue	HEP	2006	Fish Consumption		Low
12	02030104060050-01	Waackaack Creek	Oxygen, Dissolved	MCHD-35	2006	Aquatic Life		Medium
12	02030104060050-01	Waackaack Creek	PCB in Fish Tissue	HEP	2008	Fish Consumption	L	Low
14	02040301200030-01	Wading River (below Rt 542)	Mercury in Fish Tissue	Wading River	2010	Fish Consumption		Low
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Mercury in Fish Tissue	Wading River	2006	Fish Consumption		Low
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Arsenic	01409790	2012	Water Supply		Low
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Oxygen, Dissolved	01409790	2008	Aquatic Life		Medium
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Phosphorus (Total)	01409790	2012	Aquatic Life		Medium
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Arsenic	01409812	2014	Water Supply		Low
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Mercury in Fish Tissue	Wading River	2006	Fish Consumption		Low
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Phosphorus (Total)	01409812, 01409815, R21	2012	Aquatic Life		Medium
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Total Suspended Solids (TSS)	01367770	2014	Aquatic Life		Medium
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Cause Unknown	AN0298	2008	Aquatic Life		Low
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Cause Unknown	AN0300, AN0302	2014	Aquatic Life		Low
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Total Suspended Solids (TSS)	01368000	2014	Aquatic Life		Medium
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Total Suspended Solids (TSS)	01368000	2014	Aquatic Life		Medium
03	02030103070070-01	Wanaque R/Posts Bk (below reservoir)	Temperature, water	PQBKBCH, PQBLWR	2012	Aquatic Life - Trout		Medium
03	02030103070050-01	Wanaque Reservoir (below Monks gage)	Temperature, water	Erskine Lake	2006	Aquatic Life - Trout		Medium
13	02040301120010-01	Waretown Creek / Lochiel Creek	Arsenic	01409108	2014	Water Supply	A	Low
13	02040301120010-01	Waretown Creek / Lochiel Creek	Mercury in Water Column	01409108	2014	Water Supply		Low
02	02020007040050-01	Wawayanda Creek & tribs	Arsenic	01368820	2012	Water Supply		Low

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Station Number	Cycle 1st Listed	Designated Use	Sublist 5 Subpart (A, R, L)	Priority Ranking for TMDL
02	02020007040050-01	Wawayanda Creek & tribs	Phosphorus (Total)	01368900	2004	Aquatic Life, Aquatic Life - Trout		Medium
09	02030105150010-01	Weamaconk Creek	Arsenic	01405185	2012	Water Supply		Low
09	02030105150010-01	Weamaconk Creek	Oxygen, Dissolved	WC2-WL	2010	Aquatic Life		Medium
09	02030105150010-01	Weamaconk Creek	Phosphorus (Total)	MCHD-9, MCHD-69, Weamaconk Lake	2002	Aquatic Life		Medium
09	02030105150010-01	Weamaconk Creek	Total Suspended Solids (TSS)	01405185, MCHD-69	2006	Aquatic Life		Medium
13	02040301090010-01	Webbs Mill Branch	Oxygen, Dissolved	01408800	2014	Aquatic Life		Medium
01	02040105150010-01	Weldon Brook/Beaver Brook	Temperature, water	01455350	2014	Aquatic Life - Trout		Medium
03	02030103070040-01	West Brook/Burnt Meadow Brook	Oxygen, Dissolved	01386000, WB1	2008	Aquatic Life - Trout		Medium
03	02030103070040-01	West Brook/Burnt Meadow Brook	Temperature, water	Pqkakebk, WB1, WB2, WB3, WB4, WB5, WB6	2004	Aquatic Life - Trout		Medium
16	02040206210020-01	West Ck (above Rt 550)	Oxygen, Dissolved	01411444	2014	Aquatic Life		Medium
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	PCB in Fish Tissue	Delaware Bay Tribs	2006	Fish Consumption	L	Low
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Oxygen, Dissolved	01411444	2014	Aquatic Life		Medium
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Escherichia coli	BT12	2014	Recreation		Medium
12	02030104090010-01	Whale Pond Brook	Cause Unknown	AN0477	2008	Aquatic Life		Low
06	02030103020010-01	Whippany R (above road at 74d 33m)	Arsenic	01381235, 01381260, 01381330	2012	Water Supply		Low
06	02030103020010-01	Whippany R (above road at 74d 33m)	Temperature, water	01381260	2012	Aquatic Life - Trout		Medium
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Arsenic	01381515, 6-whi-1	2012	Water Supply		Low
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Lead	01381800, 6-whi-2	2007	Water Supply		Low
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Arsenic	01381330	2012	Water Supply		Low
17	02040206170020-01	White Marsh Run (Millville)	Arsenic	01411907	2014	Water Supply		Low
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Arsenic	01461250	2012	Water Supply		Low
11	02040105200040-01	Wickecheoke Creek (above Locktown)	pH	01461250, W1, W2, W3, W9b	2010	Aquatic Life		Medium

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Station Number	Cycle 1st Listed	Designated Use	Sublist 5 Subpart (A, R, L)	Priority Ranking for TMDL
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Total Suspended Solids (TSS)	W8	2010	Aquatic Life		Medium
11	02040105200060-01	Wickecheoke Creek (below Locktown)	pH	W1/2/3	2014	Aquatic Life, Aquatic Life - Trout		Medium
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Temperature, water	01461300	2002	Aquatic Life - Trout		Medium
12	02030104070020-01	Willow Brook	Phosphorus (Total)	MCHD-52	2002	Aquatic Life		Medium
12	02030104070020-01	Willow Brook	Total Suspended Solids (TSS)	MCHD-52	2006	Aquatic Life		Medium
14	02040301160040-01	Wisickaman Creek	Cause Unknown	AN0563	2006	Aquatic Life		Low
07	02030104050110-01	Woodbridge Creek	Benzo(a)pyrene (PAHs)	HEP	2014	Fish Consumption		Low
07	02030104050110-01	Woodbridge Creek	Chlordane in Fish Tissue	New York Harbor Tribs	2014	Fish Consumption	L	Low
07	02030104050110-01	Woodbridge Creek	DDT and its metabolites in Fish Tissue	HEP	2014	Fish Consumption	L	Low
07	02030104050110-01	Woodbridge Creek	Dieldrin	HEP	2014	Fish Consumption	L	Low
07	02030104050110-01	Woodbridge Creek	Dioxin (including 2, 3, 7, 8-TCDD)	HEP	2006	Fish Consumption		Low
07	02030104050110-01	Woodbridge Creek	Heptachlor epoxide	HEP	2014	Fish Consumption	L	Low
07	02030104050110-01	Woodbridge Creek	Hexachlorobenzene	HEP	2014	Fish Consumption		Low
07	02030104050110-01	Woodbridge Creek	Mercury in Fish Tissue	New York Harbor Tribs	2014	Fish Consumption		Low
07	02030104050110-01	Woodbridge Creek	PCB in Fish Tissue	HEP	2006	Fish Consumption	L	Low
18	02040202120100-01	Woodbury Creek (above Rt 45)	Chlordane in Fish Tissue	Stewart Lake at Woodbury Creek	2008	Fish Consumption	L	Low
18	02040202120100-01	Woodbury Creek (above Rt 45)	DDT and its metabolites in Fish Tissue	Stewart Lake at Woodbury Creek	2010	Fish Consumption	L	Low
18	02040202120100-01	Woodbury Creek (above Rt 45)	PCB in Fish Tissue	Stewart Lake at Woodbury Creek	2008	Fish Consumption	L	Low
18	02040202120100-01	Woodbury Creek (above Rt 45)	pH	01474730	2006	Aquatic Life		Medium
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	PCB in Fish Tissue	Delaware River Tribs to Head of Tide	2006	Fish Consumption	L	Low
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	pH	01474730	2004	Aquatic Life		Medium
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Arsenic	01408598	2012	Water Supply	A	Low
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Escherichia coli	BT04	2014	Recreation		Medium

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Station Number	Cycle 1st Listed	Designated Use	Sublist 5 Subpart (A, R, L)	Priority Ranking for TMDL
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Mercury in Water Column	01408598	2010	Water Supply		Low
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Oxygen, Dissolved	01408598	2010	Aquatic Life		Medium
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Phosphorus (Total)	MCHD-14, Osborne Pond	2010	Aquatic Life	R	Medium
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Arsenic	01407806	2012	Water Supply	A	Low
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Phosphorus (Total)	Spring Lake, Wreck Pond, Como Lake	2008	Aquatic Life	R	Medium
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Total Coliform	Shellfish Network	2014	Shellfish	R	Medium
01	02040105050040-01	Yards Creek	Oxygen, Dissolved	01443890	2010	Aquatic Life - Trout		Medium
01	02040105050040-01	Yards Creek	pH	01443890	2014	Aquatic Life, Aquatic Life - Trout		Medium
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Cause Unknown	AN0471	2008	Aquatic Life		Low
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Cause Unknown	AN0472	2006	Aquatic Life		Low
14	02040301180010-01	Yellow Dam Branch	Arsenic	01409880	2012	Water Supply		Low
14	02040301180010-01	Yellow Dam Branch	Oxygen, Dissolved	01409880	2008	Aquatic Life		Medium
14	02040301180010-01	Yellow Dam Branch	Total Suspended Solids (TSS)	01409880	2012	Aquatic Life		Medium

**Agency Responses to Public Comments on the  
Draft 2014 303(d) List of Water Quality Limited Waters (303(d) List)**

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Commenters:

1. Tom Amidon, Kleinfelder on behalf of Montgomery Township (MT)
2. Tom Amidon, Kleinfelder on behalf of Rockaway Valley Regional Sewerage Authority (RVRSA)
3. Tom Amidon, Kleinfelder on behalf of Somerset Raritan Valley Sewerage Authority (SRVSA)
4. Tom Amidon, Kleinfelder on behalf of Stony Brook Regional Sewerage Authority (SBRSA)
5. Karen Argenti, citizen (KA)
6. Richard Balla, U.S. Environmental Protection Agency, Region 2 (USEPA)
7. Richard G. Bizub and Ryan Rebozo, Ph. D, Pinelands Preservation Alliance (PPA)
8. Brick Township MUA (BTMUA)
9. L. Stanton Hales, Jr., Ph. D, Barnegat Bay Partnership (BBP)
10. Laura Kelm, Great Swamp Watershed Association (GSWA)
11. William Kibler, Raritan Headwaters (RH)
12. Zachary Lees, Clean Ocean Action (COA)
13. Andrea Leshak on behalf of the NY/NJ Baykeeper and the Hackensack Riverkeeper (AL1)
14. Andrea Leshak on behalf of the NY/NJ Baykeeper, Clean Ocean Action, Hackensack Riverkeeper, Pinelands Preservation Alliance, Raritan Headwaters Association, and Stony Brook-Millstone Watershed Association (AL2)
15. Abel Valdivia, Ph. D, Center for Biological Diversity (CBD)
16. Britta Wenz, Save Barnegat Bay (SBB)
17. Bill Wolfe, citizen (BW)

GENERAL COMMENTS

**Timing of the Integrated Report and Public Comment Period**

1. **Comment:** Three commenters criticize the lateness of the Draft 2014 303(d) List and Integrated Report. A five-year delay between collecting the data and implementing TMDLs, watershed based plans, and critical updates to water quality standards is unacceptable, and puts public safety and environmental health at serious risk. Commenters express concern that the pattern of adopting 303(d) lists three years behind schedule that occurred with the 2012 and 2014 Integrated Reports will continue and that NJDEP will not meet its 2016 reporting requirements. The continued delay of reporting is a serious concern, and also symptomatic of much larger issues with water quality in New Jersey. (KA, COA, SBB)

**Response:** The New Jersey Department of Environmental Protection (Department) appreciates the commenters concerns about timely publication of the biennial 303(d) List and Integrated Report. Please note that delays in the submission of the Draft 2014 303(d) List and Integrated Report do not result in delays in “implementing TMDLs, watershed based plans, and critical updates to water quality standards”. The development and implementation of

TMDLs and watershed based plans is a long-term process that depends on many factors, including availability of financial resources, funding priorities and the State contracting process, among others. While the lag between data collection and assessment reporting may delay the identification of new water quality impairment, work continues concurrently throughout the listing cycle to address previously identified impairment, which often take years if not decades to complete. Additionally, updates to water quality standards occur on a completely separate timetable that is not dependent on the 303(d) Listing process. Section 303(c) of the federal Clean Water Act requires states to conduct public hearings at least once every three years “for the purpose of reviewing applicable water quality standards and, as appropriate, modifying and adopting standards.” It is during this “triennial review process” that USEPA and states must identify and address any “critical updates to water quality standards” that need to be addressed – not under the Section 303(d) or 305(b) biennial assessment/reporting processes.

Delayed submission of the 303(d) List and Integrated Report is not unique to New Jersey and is actually the subject of a national dialogue between USEPA Headquarters, Regions, States, Territories and Tribes (see USEPA report entitled “Reducing Reporting Burden under Clean Water Act Sections 303(d) and 305(b) dated February 2013). This report was followed by a USEPA-driven initiative to redesign the national reporting system, known as the “Assessment and Total Maximum Daily Load Tracking and Implementation System” (ATTAINS), and the launch of a new approach to identify and prioritize waterbodies for restoration and protection entitled, “A Long-Term Vision for Assessment, Restoration and Protection under the Clean Water Act Section 303(d) Program”<sup>1</sup>. This new guidance requires states to engage stakeholders in a process that focuses on achieving meaningful outcomes (e.g., water quality restoration) rather than outputs (e.g., identification of water quality impairment).

Appendix G, “New Jersey’s Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act”, articulates how New Jersey is implementing the new federal vision through a process initiated in 2012 to enhance and refine the water quality assessment process, improve efficiencies and achieve greater confidence in the assessment outcomes, expand the identification of causes and sources of impairment to include restoration strategies and resources, identify improving and declining trends in water quality, identify appropriate enhancement or protection measures to prevent impairment before it occurs, and engage regional stakeholders as partners with the Department in identifying water quality concerns as well as strategies and measures to improve and protect water quality. The transition to a rotating basin approach is one example of improvements already made, along with automating data management and portions of the assessment process. The Department will continue to work with our federal and state counterparts to refine and improve the assessment process and to strive for more timely submissions of the 303(d) List and Integrated Reports.

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<sup>1</sup>Available on USEPA’s website at [https://www.epa.gov/sites/production/files/2015-07/documents/vision\\_303d\\_program\\_dec\\_2013.pdf](https://www.epa.gov/sites/production/files/2015-07/documents/vision_303d_program_dec_2013.pdf)



2. **Comment:** Commenters request an extension of the public comment period. A 30-day comment period is insufficient for the public to review and comment on over 550 pages of highly technical information. Furthermore, because the comment period for the Draft 2016 Methods Document overlaps with the Draft 2014 Integrated Report comment period by two weeks, the ability for the public to meaningfully review and comment on both of these critically important sets of documents has been substantially reduced. Commenters request that NJDEP conduct a series of information sessions and/or public hearings held across the State to enable the public to participate in, review, and comment on the Draft 2014 Integrated Report and 303(d) List. (KA, RH, COA, AL1, AL2, BW).

**Response:** The Department believes that since all the relevant information is now available on the Department's website in various formats that are both searchable and sortable, thirty calendar days is sufficient time to review and comment on the draft 303(d) List and the draft Methods Document. Extending the public comment period to 60 days for this cycle would require publication of another notice in the New Jersey Register and would further delay approval of the final 2014 303(d) List as well publication of the draft 2016 303(d) List, creating additional concerns as expressed in Comment #1.

3. **Comment:** Commenters request that NJDEP conduct information sessions throughout the state to explain the information to the public and request a longer comment period for the 2016 Integrated Report to ensure that the 2016 Integrated Report process allows for adequate public review and comment. (KA, RH, COA, AL1, AL2)

**Response:** As stated in response to Comment #2, the Department believes that, since all the relevant information is now available on the Department's website in various formats that are both searchable and sortable, a public information session is not necessary for adequate public review and comment. Attendance at public information sessions held in the past declined significantly once the Department redesigned the Integrated Report format and posted all supporting documents on the Department's website, beginning with the 2008 Integrated Report. The Department is planning to hold public information sessions in the future as part of the rotating basin approach; however, these sessions would be held prior to rather than after publication of the Integrated Report in order to solicit input from the stakeholder on preliminary assessment results, priority concerns, and potential implementation strategies in the focus Region for each listing cycle. This process would further support New Jersey's response to USEPA's new Vision process discussed in response to Comment #1.

4. **Comment:** New Jersey must dedicate more resources towards protecting water quality. To that end, the commenter requests that NJDEP, in collaboration with the State Legislature and the Governor's Office, immediately hold a public hearing on the state of water quality in New Jersey. (COA)

**Response:** This comment is beyond the scope of the 2014 303(d) List. The Department does not have the authority to require action on the part of the New Jersey Legislature or the Governor's Office. However, the Clean Water Council of New Jersey, established by the New Jersey Legislature in 1967 to serve as an advisory board to the Department, convened a

public hearing in 2015 on “Using Partnerships to Improve Water Quality in NJ”, which recommended using the Barnegat Bay Partnership as a model for providing additional resources to the Department’s water quality efforts statewide. The proceedings from this hearing and additional information about the Clean Water Council is available on the Department’s website at <http://www.nj.gov/dep/cleanwatercouncil/>.

**Integrated Report Format, Organization and Ease of Use**

5. **Comment:** Page ii, Figure ES-1: AUs Fully Supporting One or More Uses: To appropriately gauge progress towards the CWA goal of restoring and maintaining the integrity of the Nation’s waters, a complementary graphic should be included that shows the AUs that support all designated uses. (USEPA)

**Response:** The map in Figure ES-1 will be updated in future Integrated Reports to include assessment units that meet all designated uses as well as AUs with at least one designated use fully supporting.

6. **Comment:** It would be helpful to add town and county to the Draft 2014 Integrated List of Waters (Excel format) so people could find the waterbody closest to them and see if it was improved from the last list. (KA)

**Response:** The Department agrees with this comment in theory and is working to develop such a capability as an interactive feature on our assessment website for future Integrated Reports. In the interim, the Department has created a look-up tool on its website at <http://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm> that will display a list of watersheds and established, approved or adopted total maximum daily loads (TMDLs) associated with the selected municipality/county. While this tool cannot be used to identify all impaired waters by municipality and county, it can be used to identify impaired waters covered by an approved TMDL on a municipal or county basis.

7. **Comment:** We recognize that this Integrated Report has pulled together a tremendous amount of data, including considerable data from ongoing components of the Governor’s Ten Point Plan for the Barnegat Bay and from the state’s other waters. We found the Department’s providing of the entire Integrated Report as a single electronic document *and* the many Appendices of the report as separate electronic documents to be very helpful in conducting our review. Revising the Appendices into tabular formats compared to the narrative format used in previous reports was also a substantial improvement. (BBP)

**Response:** The Department appreciates the commenters’ support.

8. **Comment:** The new organization of Assessment Units (AUs) within the Report’s appendices in alphabetical order makes finding Assessment Units of concern user-friendly. However, Appendix D was arranged by AU, and it would be easier if it was also arranged alphabetically. In addition, having the pertinent information about the status of those AUs spread amongst all of the appendices (rather than having the information in one appendix as it has been in past Reports), makes finding all the relevant information for one AU more time consuming and difficult. (GSWA)

**Response:** Appendix D has been reformatted to present the results in alphabetical order by AU, as requested. However, as explained in response to Comment #5, assessment results are reported in accordance with the corresponding USEPA guidance and recommended format, which has changed over time from the ADB-generated reports preferred by the commenter to the current tabular format. This format is expected to change again for either the 2016 or the 2018 Integrated Report to conform with the redesigned ATTAINS platform, once it has been fully implemented by USEPA.

9. **Comment:** A future directions component that identifies both monitoring needs and actions to improve attainment should be incorporated in this report given the overall water quality conditions described therein. (PPA)

**Response:** Previous Integrated Reports contained a chapter on Next Steps that discussed future needs and actions to support water quality monitoring and assessment. Such content is being incorporated into the Department's pending update to the Long Term Monitoring and Assessment Strategy prepared pursuant to CWA Section 106(e)(1) and in accordance with USEPA guidance, "Elements of a State Water Monitoring and Assessment Program" (March 2003). As explained on page 64 of the 2014 Draft Integrated Report, the long-term strategy outlines the various characteristics of New Jersey's monitoring and assessment programs for a ten-year period, including goals and objectives, monitoring and assessment needs and forthcoming improvements.

### **Assessment Methods and Data**

10. **Comment:** The 2014 Integrated Report debuts a new regional approach to water quality assessment, in which the Department focuses more intensive evaluation on one of the five water regions, beginning with the Atlantic Coastal Region. This makes sense, allowing the Department to focus limited resources on one water region per assessment cycle for more comprehensive assessment. (MT, RVRSA, SRVSA, SBRSA)
11. **Comment:** We commend the NJDEP for its commitment to monitoring water quality in the Barnegat Bay and its tributaries, which ultimately leads to a better recognition of the bay's overall condition, its specific problems, and our collaborative efforts to address the problems and improve its overall condition. (BBP)

**Response to Comments 10 and 11:** The Department appreciates the commenters' support.

12. **Comment:** The NJDEP stated throughout the 2014 Integrated Report that the main focus of the report was to assess water quality in the Atlantic Coastal Region. Many listing/delisting decisions during this 2014 cycle were made outside of the Atlantic Coastal Region. Explain why assessments were made for certain waterbodies outside of the Atlantic Coastal Region. (USEPA)

**Response:** Sections 303(d) and 305(b) require states to biennially list all waters of the State that are not meeting applicable surface water quality standards and to report on water quality

and designated use support statewide. As explained in Section 2.0 of the 2014 Methods Document, the 2014 Integrated Report includes an assessment of water quality data collected from all waters of the State but provides a more comprehensive assessment of water quality in the Atlantic Coastal Region based on “across-the-board watershed information and water chemistry, physical, and biological data to produce a robust assessment of environmental conditions affecting water quality” in this water region. “Although this more in-depth analysis is limited to the primary region in a given cycle, water quality data from sampling completed in other regions are also evaluated. Stations located outside the primary region must meet the target sample size identified in the section ‘Target and Minimum Number of Samples’ in order to support a new or revised assessment decision.” See Section 4.1 of the 2014 Methods Document for a detailed description of targeted and minimum data thresholds.

13. **Comment:** Explain what is meant by “generally” in the following statement: “The 2014 Integrated Report (IR) describes the overall quality of New Jersey’s surface waters based on existing, readily available data collected generally between January 1, 2008 and December 2012.” Did the NJDEP make any listing/delisting decisions based on data collected outside of the data solicitation period? (USEPA)

**Response:** This statement refers to Section 3.1 of the 2014 Methods Document, which states: “The Department considers five years of readily available data collected during the reporting period to characterize current conditions. In the primary assessment water region, older data may also be used in conjunction with newer data to demonstrate water quality trends where appropriate analytical methods have been applied and results can easily be compared with more recent data and the older data enhances the Department’s ability to assess current conditions.” Data previously submitted in prior Integrated Report cycles was used in the 2014 assessment process for comprehensive assessment of the Atlantic Coastal Region. Data from as far back as January 1, 2002 was used at stations within the Atlantic Coastal Region to validate final assessment results as part of the comprehensive assessment process. See the 2014 Methods Document Section 2.0 and 3.1 for more details on the use of data older.

14. **Comment:** NJDEP operates several probability-based monitoring networks. The role of these networks and the use of those data in the IR process should be discussed under Page 1, Introduction. (USEPA)

**Response:** As requested, a brief description of the Department’s probability-based monitoring networks has been added to Section 1.1 of the final 2014 Integrated Report. All data from these networks were used to generate the 2014 Integrated Report and 303(d) List. The data from the Department’s probabilistic networks are incorporated with all other data used to generate the 2014 Integrated Report and 303(d) List, which provides a robust and comprehensive data set for evaluating waters of the State. Additionally, data from the probabilistic monitoring networks are used to generate statistical estimates of statewide water quality conditions necessary to populate USEPA’s statistical surveys of national water quality. The results of the statistical surveys for New Jersey waters can be found on the USEPA ATTAINS website at  
[https://ofmpub.epa.gov/waters10/attains\\_state.control?p\\_state=NJ](https://ofmpub.epa.gov/waters10/attains_state.control?p_state=NJ).

15. **Comment:** Did the NJDEP use results obtained through a water quality model or dynamic model to assess use support and/or remove an assessment unit/pollutant combination from its 303(d) list? (USEPA)

**Response:** For the 2014 303(d) List, no pollutants were added or removed based on modeling. However, heptachlor epoxide in two Raritan Bay AUs were administratively removed from the 2014 303(d) List that were mistakenly added to the 2012 303(d) List. An administrative mistake accidentally added the two AUs (see table below) in 2012 although there was no new data or modeling results to support such listing. These two AU/pollutant combinations were delisted in 2014 and moved from Sublist 5 to Sublist 2 based on the Contamination Assessment and Reduction Project (CARP) modeling that showed full support. (see Appendix C: 2014 Causes Removed from Sublist 5/303(d) List (Delisted Waters)).

Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
02030104910030-01	Raritan Bay (deep water)	Heptachlor epoxide	HEP	Applicable WQS attained; original basis for listing was incorrect.	Administrative error, Raritan Bay should have never been listed in 2012.
02030104910010-01	Raritan Bay (west of Thorns Ck)	Heptachlor epoxide	HEP	Applicable WQS attained; original basis for listing was incorrect.	Administrative error, Raritan Bay should have never been listed in 2012.

16. **Comment:** Did the NJDEP determine that there was sufficient information to determine if a waterbody is threatened and the NJDEP listed the water as impaired due to the trend assessment? (USEPA)

**Response:** As explained in Section 3.2 of the 2014 Methods Document, the Department is required to identify all “threatened and impaired” waters on the 303(d) List.

“Threatened waters” are defined as waters that currently meet water quality standards but are likely to exceed standards by the time the next 303(d) List is generated. Assessing threatened waters requires sufficient existing and readily available data and information on adverse declining trends to predict future water quality. This means a dataset must be sufficiently robust to support the evaluation of short-and long-term statistical trends. The Department maintains a series of long-term monitoring locations, which support statistical trends assessments developed by the USGS. Assessments to determine if waters are threatened are conducted by the Department wherever sufficient data and trends assessments are available to make such predictions.”

To date, there has been insufficient data to support an assessment of any waters of the State as “threatened”; however, the Department is developing an assessment tool to help detect trends that may support listing waters as threatened on future 303(d) Lists.

17. **Comment:** Barnegat Bay has over 86 subwatersheds and NJDEP has segmented these connected waterbodies. It is clear that this is one large waterbody connected to a wide

geographic area and NJDEP should designate it as such. If one part is impaired, others will follow. (KA)

**Response:** It would not be scientifically justified to assume that one pollutant in one waterbody would have the same impact throughout the entire Barnegat Bay Watershed. By segmenting the Barnegat Bay Watershed, the impacts of different pollutants can be identified on a smaller scale, the extent of the impacts can be assessed, prioritized, and restoration/protection actions implemented. This is the case for all large waterbodies which is why the Integrated Report shows its results by assessment units whose scale and/or boundaries are refined over time as we develop a better understanding of the hydrological conditions of the assessed waterbodies. The Barnegat Bay Watershed is divided into 86 Assessment Units representing the freshwater tributaries and lakes, tidal tributaries marshes, and the open bay. While the bay is hydrologically connected to all 86 AUs as part of the larger watershed of the Barnegat Bay Estuary, the impact of pollutants on water quality vary from very localized impacts to more wide ranging effects depending on the hydrology/hydrodynamics, stream classifications and designated uses of the waters in each AU (e.g., freshwater vs. saline). The 2014 Methods Document explains the Department revised the assessment units in the Barnegat Bay, based on hydrologic and water quality data, to more accurately reflect conditions within the bay.

18. **Comment:** For continuous monitoring (all parameters): How did the NJDEP determine that for criteria expressed as “not less than at any time” it is sufficient to only list an excursion when the concentration is below the criteria for at least one hour? (USEPA)

**Response:** As explained in Section 4.1 of the 2014 Methods Document, “Continuous Monitoring”:

For SWQS criteria expressed as either a minimum or “not less than at any time”, an excursion relative to the minimum criteria occurs when the concentration over a 24-hour period is below the criterion for at least a one-hour duration. For assessment purposes, a minimum of two such excursions at the same location during two or more 24-hour periods may be considered as an exceedance. For large continuous datasets, relative frequency and magnitude of the exceedances within the dataset are also considered to determine non-support of the designated use.

Water quality standards for dissolved oxygen (DO) were developed in an era when continuous or semi-continuous monitoring of DO was non-existent. Recently, continuous monitoring probes have become more common and have been deployed at many sites. The practice of using a one-hour duration was established to reflect the capability of older continuous monitoring probes, which could only save DO measurements at a rate of once an hour. With the advancement of data storage technology, DO measurements can now be saved more frequently; however, this capability led to the following issues:

- The toxicological studies used in the development of standards typically used durations of at least 24 hours and up to 96 hours<sup>2</sup>; therefore, such studies will not support a determination of biological impairment over shorter durations.
- When grab samples were used for compliance determination, non-attainment were cited only if the measurement was less than the never-to-exceed criteria. As a result, the criteria becomes much more stringent for continuous data than previously applied using grab samples.
- There could be very short term excursions from the standards as a temporary effect of flow, instrument operation and other site specific impacts.

Without any biological studies to definitively determine the exact duration of the excursion to be actually representative of an impaired condition, it was determined that the use of the criteria as a never to exceed threshold for the continuous data is inappropriate. Based on best professional judgement, excursions must remain for at least a one-hour duration to be considered an actual exceedance. Over the past few years, the Department's Science Advisory Board (SAB) was asked to consider whether the one-hour duration was appropriate and their preliminary findings confirmed that it was a very conservative threshold of the DO water quality standard. Although SAB's findings were for DO only, the justification is valid for other water quality parameters such as temperature, pH, turbidity and nitrate, for which continuous monitoring data has been generated with a very high frequency of recordings.

19. **Comment:** The draft 2014 Integrated Report relies in part on data from two organizations that preceded the Raritan Headwaters Association: The South Branch Watershed Association (SBWA) and the Upper Raritan Watershed Association (URWA). SBWA and URWA (like RHA) each collected data from their stream monitoring sites annually. The draft 2014 Integrated Report relies on data from 2008 to 2012. However, Appendix B indicates that DEP used SBWA monitoring data only from 2010 and URWA data only from 2009-2010. Was SBWA and URWA data from years other than 2009 and 2010 used? If not, why not? The monitoring network established by SBWA and URWA is extensive, currently including 62 monitoring sites. Was data from all SBWA and URWA monitoring sites used, or only select data? If only select data was used, what data was excluded and why? (RH)

**Response:** Commenter is referring to Draft 2014 Integrated Report Appendix E: Data Sources, which shows that the Department used SBWA macroinvertebrate data collected in 2010 from the South Branch Raritan River watershed and URWA macroinvertebrate data collected in 2009-2010 from the North Branch Raritan River watershed. The Department has used the SBWA and URWA macroinvertebrate data for many years for the Integrated Report. For the 2014 Integrated Report, the focus was on the Atlantic Coastal Water Region and only readily available data between 2009 and 2010 were used from SBWA and URWA for this report due to a delay in receiving the 2011 and 2012 data. In anticipation of the 2016

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<sup>2</sup> U.S. Environmental Protection Agency, "Ambient Aquatic Life Water Quality Criteria for Dissolved Oxygen (Saltwater): Cape Cod to Cape Hatteras", November 2000

Integrated Report where the Raritan Water Region is the focus, the Department opted to wait to use the most recent data for the comprehensive assessment in 2016 to get the most accurate and detailed review of the Upper Raritan Watershed. This decision was based on avoiding conflicts between 2014's less comprehensive assessment to 2016's detailed assessment.

20. **Comment:** It appears that the development of a benthic index for coastal and estuary waters has still not been completed, although underway since before the 2012 IR. Since the NJDEP is now going to a rotating basin approach, clarify if the application of an ocean and/or estuary benthic index will wait until the next time the Atlantic Coastal Water Region (ACR) comes around in the cycle. (USEPA)

**Response:** The commenter is correct that the work initiated in 2012 to develop biological indices for estuarine and nearshore ocean indices was not completed in time for the 2014 assessment; however, the Benthic Macroinvertebrate Index for Barnegat Bay was recently finalized during the summer of 2016 and will be used for the 2016 assessment. The description and justification of the Barnegat Bay Index will be detailed in the revised draft 2016 Methods Document when it is published in early 2017. The ocean index, in contrast, has not yet been validated and will require additional monitoring data that encompasses a full disturbance gradient. The Department is working with USEPA's Office of Research and Development to explore options to validate the ocean index so it can be finalized.

### **Nutrients**

21. **Comment:** Since 2002, the Department has made substantial technical improvements to the manner in which it applies its nutrient criteria, and to the criteria themselves, as documented in the Department's Technical Manual for Phosphorus Evaluations (2008); Passaic River Basin and Raritan River Basin TMDLs; Proposed SWQS Amendments, December 21, 2009; Adoption of SWQS Amendments, December 21, 2010; 2010 Assessment Methods Document; Nutrient Criteria Enhancement Plan – 2010 Progress Report; and NJ Nutrient Criteria Enhancement Plan, 2013. However, this report appears to reverse this progress in assessment of nutrient impairment. Phosphorus impairment designations were made solely based on instream Total Phosphorus (TP) concentrations, without any evaluation of whether the narrative criteria are satisfied (and therefore whether the instream TP criterion is applicable). This assessment is premature and lacking in scientific basis. Section 4.4 (Assessment of Nutrient Impacts) of the Methods document had been utilized during the 2010 and 2012 assessment cycles, and proposed for use again in the 2014 assessment cycle. However, the Department removed Section 4.4 from the Final Assessment Methods Document for 2014. This change leaves no mechanism to evaluate whether the instream TP criterion applies to a given waterbody. The DEP's rationale for this change is a lack of the required data, as well as concerns raised in the past and in the current cycle regarding the use of DO swing and chlorophyll a levels to assign a specific pollutant cause to impaired macroinvertebrate communities. The commenter believes sufficient diurnal DO data exists to identify locations where the instream TP criterion does not apply and to provide a more realistic assessment of waters that may be impaired by nutrients. The Department did not specify what concerns were raised about the use of a DO swing to rule out phosphorus causation. (MT, RVRSA, SRVSA, SBRSA)



**Response:** The method for assessing impacts of nutrients on water quality and identifying where the aquatic life use was impaired due to nutrients, Section 4.4 Assessment of Nutrient Impacts was first introduced in the 2010 Methods Document. However, in attempting to implement this new method over the subsequent assessment cycles, the Department determined that sufficient information was rarely available to apply this method. The Department also concluded that the nutrient assessment methodology within the context of the Integrated Report assessment process represented an over-simplification of highly complex processes. Furthermore, both the Department and USEPA determined that this methodology was not adequately protective of downstream receiving waters exposed to long-term nutrient enrichment.

The Department has since concluded that the in-depth analysis required to assess nutrient impacts on a specific waterbody cannot be conducted as part of a statewide or regional water quality assessment but rather should be conducted as part of the TMDL process. A waterbody- or watershed-specific TMDL study would generate sufficient data and targeted analysis to evaluate impacts on an extended time-series (accounting for various flow/temperature scenarios) through modeling. The removal of Section 4.4 (Assessment of Nutrient Impacts) from the Methods Document is consistent with the Department's current approach to determining nutrient impacts through water quality modeling, sampling and detailed analysis conducted for TMDL development, which will enable an improved understanding of nutrient impacts on water quality in specific waterbodies. The Department has established nutrient TMDLs for the Passaic River Basin and the Raritan River Basin as well as numerous rivers and lakes throughout the State (see "Table of New Jersey TMDLs and Approval Status" on the Department's website at <http://www.state.nj.us/dep/wms/bears/tmdls.html>).

The updated (2013) New Jersey Nutrient Criteria Enhancement Plan (NCEP) provides a detailed description of the Department's strategy for enhancing the existing nutrient criteria for freshwaters and developing new nutrient criteria for coastal waters through an assessment of the complex relationships. Nutrient criteria, which may include numeric criteria and numeric translators of narrative criteria, will be developed to address existing and future nutrient-related impairment in New Jersey waters. The 2013 NCEP is located on the Department's website at [http://www.state.nj.us/dep/wms/bears/nutrient\\_criteria.htm](http://www.state.nj.us/dep/wms/bears/nutrient_criteria.htm).

22. **Comment:** Since waters have not been assessed based on the State's recently adopted narrative nutrient criteria and only a portion of the State's freshwaters are covered by the numeric Total Phosphorus criteria, it is important that the NJDEP provides a specific timeframe for the adoption of the numeric Total Phosphorus and Total Nitrogen criteria to protect all of the waters of the state from nutrient eutrophication. The best place for this information would be the Nutrient Criteria Enhancement Plan (NCEP) document. Both the Methods and Integrated Reporting documents could then refer to the NCEP for the specific schedule. (USEPA)
23. **Comment:** Although significant amount of work is being described for the Barnegat Bay in the Integrated Report, it is important to point out that this waterbody is not presently being

assessed for nutrient impairments because only the narrative nutrient criteria applies. This is another reason why the NCEP should be revised ASAP to include detailed plans not only for the derivation, but also for the numeric criteria adoption, including the specific schedule. (USEPA)

24. **Comment:** The commenters request that NJDEP establish numeric nutrient standards, specifically for Barnegat Bay. (BBP, COA, SBB)
25. **Comment:** The Integrated Report document states the following: “Numeric water quality standards already exist for some parameters in estuarine waters; and on December 21, 2010, the NJDEP adopted narrative nutrient criteria for coastal waters. However, developing numeric translators for narrative nutrient criteria is a complex and challenging task that has not yet been completed.” (Page 94) According to the Methods Document, nutrients (phosphorus and nitrate) are assessed based only on the existing current numeric criteria, which for total phosphorus is limited to FW2 lakes and streams, and for nitrates, which is limited to human health criteria related to drinking water supplies. New Jersey also adopted the narrative nutrient criterion which is applicable to all of the state’s waters. The explanation should be provided why this criterion is not presently being used for assessment purposes. (USEPA)

**Response to Comments 22 thru 25:** All New Jersey’s waters including Barnegat Bay are assessed based upon the current surface water quality standards and criteria promulgated under the New Jersey Surface Water Quality Standards rules, N.J.A.C. 7:9B. Although numeric translators for the narrative nutrient criteria have not yet been developed to determine conditions in all waters, the Department has established a chlorophyll-a translator for the non-tidal Passaic River Basin as part of the TMDL adopted in April 2008 ([http://www.nj.gov/dep/wms/bears/docs/passaic\\_tmdl.pdf](http://www.nj.gov/dep/wms/bears/docs/passaic_tmdl.pdf)) and is working with USGS on developing the nutrient numeric criteria/translators for the Barnegat Bay. In conjunction with the modeling work with USGS, the Department has funded research work in recent years on biological indicators for nutrient criteria development. It is expected that, once the numeric nutrient criteria/translators are developed and adopted for Barnegat Bay, additional research will determine the applicability of the new standards to other estuaries in the State.

Additionally, the Department is working with the Delaware River Basin Commission (DRBC) to develop a water quality model for phosphorus criteria for the Delaware River and its tributaries. The new criteria developed in this effort will apply to New Jersey’s freshwater tidal tributaries to the Delaware River as well as the mainstem Delaware River, which is a major component of the Department’s plan to develop nutrient criteria for all waters of the State. In the meantime, the Department continues to implement the existing total phosphorus criteria of 0.1 mg/L in all freshwater rivers and tributaries upstream of the head of tide and 0.05 mg/l in all freshwater lakes. A more detailed description of the Department’s plan to address nutrient criteria development and enhancements is found in the 2013 New Jersey Nutrient Criteria Enhancement Plan (NCEP) located on the Department’s website at [http://www.state.nj.us/dep/wms/bears/nutrient\\_criteria.htm](http://www.state.nj.us/dep/wms/bears/nutrient_criteria.htm). A major revision to the NCEP for 2016 is currently underway and will be posted on the same webpage upon its completion.

26. **Comment:** Page 64 the Integrated Report document states as following: “The NCEP explains the details of each of these steps by waterbody type, including priorities, milestones, and where possible, timelines for further study.” The expectation of the reader in this section is to learn about the applicable numeric nutrient criteria. This statement is misleading because the NCEP, as presently written, does not include specific schedule for nutrient criteria derivation, nor adoption. (USEPA)

**Response:** The Department believes that priorities and a time frame are provided in the Nutrient Criteria Enhancement Plan (NCEP) representing essential studies and our best estimates as to their completion dates based upon the information we had at the time the 2013 NCEP was drafted. In 2016, the Department is providing a major revision to the document with significant updates to lake, non-tidal river, and Barnegat Bay nutrient criteria development. The revised NCEP will provide more detailed progress schedules based on recent studies and research. The 2013 NCEP is located on the Department’s website at [http://www.state.nj.us/dep/wms/bears/nutrient\\_criteria.htm](http://www.state.nj.us/dep/wms/bears/nutrient_criteria.htm).

### **Naturally Occurring Parameters**

27. **Comment:** Low DO is often naturally occurring due to mucky stream bottoms in sediment accumulation areas. NJDEP needs to discriminate between natural and anthropogenic causes of DO impairment in order to provide a more realistic assessment of water quality. Two commenters specifically stated that this is the case in the lower Millstone River. (MT, RVRSA, SRVSA, SBRSA)

**Response:** The Department’s water quality assessment methods include protocols for distinguishing between natural and anthropogenic causes of impairment; however, USEPA guidance establish a very high threshold for confirming naturally occurring causes of impairment, including ambient water quality data and effluent data from any NJPDES-permitted facilities discharging within the assessment unit. Thus, there are many cases where the Department suspects naturally occurring causes to be the source of use impairment but is unable to support delisting the pollutant without additional sampling and/or further detailed analysis. In the Lower Millstone River, both natural and anthropogenic (e.g. sedimentation from TSS runoff) causes may be the source of low DO in the waterbody; therefore, the Department cannot conclude that the cause is entirely naturally occurring (i.e. sediment oxygen demand). The Department may reevaluate such assessments based on additional data or more detailed analysis conducted through a TMDL or Watershed Restoration Plan when it is developed to address the impairment.

28. **Comment:** The DEP acknowledges that many temperature “impairments” may actually reflect natural conditions, and promises a more in-depth analysis. The commenters recommend that AUs with temperature impairments but without any thermal discharges be placed on Sublist 3 (insufficient data) until such an in-depth analysis of natural conditions is performed. (MT, RVRSA, SRVSA, SBRSA)

29. **Comment:** The Integrated Report states the following: “A more in-depth analysis of these

impaired AUs is planned to determine if temperature reflects natural conditions or actual use impairment.” (p. 16) How will the “natural” temperature level be determined for the individual areas? For consistency reasons, it would be important to provide detailed information on this procedure either in the Methodology or IR documents. This approach will most likely be used in the future for other areas. (USEPA)

**Response to Comments 28 and 29:** As part of the Department’s initiative to better understand natural conditions in the Pinelands, continuous temperature monitoring has been initiated in pristine watersheds throughout the Pinelands to determine natural conditions. Nine temperature probes were deployed in June 2015 and will be deployed for at least two years year-round except December to February, to prevent damage from freezing. Detailed information will be provided after the Department has collected, analyzed and determined the appropriate natural condition range for Pineland waters. Until natural conditions are verified in waterbodies not meeting their criteria, they will remain on the 303(d) List as impaired.

#### **Insufficient Data**

30. **Comment:** Waters listed as “insufficient data” in the Draft 2014 Integrated Report that were listed as impaired in the 2012 Integrated Report should be included in the calculation of impaired waters for the Draft 2014 Integrated Report. (COA)

**Response:** USEPA guidance requires placement on Category 3 (Sublist 3 of New Jersey’s Integrated List) of any waters for which there are insufficient data to assess compliance with the applicable surface water quality standards (SWQS) because without sufficient data there is no scientific basis to support a determination that the SWQS are not being met or that water quality is impaired and not supporting the applicable designated uses (see Sections 5.0, 6.0 and 7.0 of the 2014 Methods Document and USEPA Guidance for Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act on the USEPA website at <https://www.epa.gov/tmdl/integrated-reporting-guidance>). In assessing all readily available data for the 2014 Integrated Report, the Department determined that some waterbodies were incorrectly assessed as impaired when there was actually insufficient data available to support such a conclusion. These waterbodies were delisted and moved from Sublist 5/303(d) List to Sublist 3. The explanation of these delistings is provided in the 2014 Integrated Report, Appendix C (Delisted Waters, With Reasons and Explanations). Examples of such delistings include: correction of an administrative error that resulted in a 303(d) listed AU/pollutant combination for which there is no sampling data available for that pollutant in that AU; change in assessment method for a 303(d) listed AU/pollutant combination that resulted from invalid application of a freshwater biological metric in waters subject to tidal influences or located below a lake outlet; and administrative error that resulted in 303(d) listings for arsenic based on a dataset that contained more than 50% censored data, which should not have been used as a basis for assessment (see 2014 Methods Document Section 4.1, “Computations Using Censored Data”).

31. **Comment:** NJDEP has not made satisfactory progress in addressing the numerous “insufficient data” Sublist 3 listings from the 2012 report to the 2014 report. This report

should discuss what will be done in the future to address the issue of insufficient data that was cited throughout the document as limiting proper designated use assessment. For example, will there be an increase in funding and support for citizen science initiatives? (COA, PPA, RH)

**Response:** As stated in response to Comment #9, previous Integrated Reports contained a chapter on Next Steps that discussed future needs and actions to support water quality monitoring and assessment, including strategies to fill data gaps such as waters on Sublist 3 of the Integrated List. Such strategies are being incorporated into the Department’s pending update to the Long Term Monitoring and Assessment Strategy prepared pursuant to CWA Section 106(e)(1) and in accordance with USEPA guidance “Elements of a State Water Monitoring and Assessment Program” (March 2003). Funding and support for citizen science initiatives is beyond the scope of the Integrated Report.

## RESULTS OF THE 2014 INTEGRATED WATER QUALITY ASSESSMENT

### **Current Statewide Water Quality Conditions and Key Findings**

32. **Comment:** It is apparent from this quick comparison of AUs that attain all designated uses in the State from 2008 to 2014 that, not only are water quality improvements not occurring, but in fact, we are witnessing the continued decline of water quality statewide. Furthermore, the Integrated Report “shows median concentrations of [total dissolved solids], chlorides, dissolved nitrate plus nitrite and total nitrogen increased statewide during the assessment period.” This is unacceptable from a societal, ethical, and public health point of view, as well as with the Clean Water Act’s anti-degradation requirements. (COA)

**Response:** A “quick comparison” of key findings from the 2008 Integrated Report to the 2014 Integrated Report would not provide an accurate indication of water quality trends over time. Many changes have been implemented in both the methods for and the scale of assessment, including changes in assessment unit boundaries and station associations – not to mention changes in surface water quality criteria – that would render such a comparison as “apples to oranges”; which is among the reasons why each Integrated Report includes a “snapshot” of conditions over a five-year period, as well as a longer-term trends assessment that evaluates data over longer periods and allows the Department to identify water quality trends and acute conditions (see Chapter 3: Water Quality Trends). Chapter 3 summarizes the results of several longer-term water quality studies published by the U.S. Geological Survey (USGS). As stated in the chapter conclusion, “When results are viewed from the longer time period beginning from the mid 1970’s, the overall water quality trend indicate that nutrient levels as reflected in total phosphorus and total nitrogen have improved over time – most likely due to the upgrade and regionalization of wastewater treatment plants that occurred throughout the State in the late 1980’s through the early 1990’s. Changes in total phosphorus in the more recent period observed on a site specific basis are mixed and likely reflect more localized land use changes. More recent trends for nitrogen show that increases in nitrate

accompany decreases in ammonia. This increase in nitrate is most likely due to the successful efforts of the Department to reduce ammonia discharges from wastewater treatment facilities by oxidizing it to nitrate.”

The 2014 Integrated Report’s key finding from these long-term trend studies was, contrary to the almost exclusive national and state focus on nutrients, primarily phosphorus and nitrogen, as the primary cause of water quality impairment, conditions for these parameters appear to be improving statewide, except for certain very localized land use impacts. More importantly, the only clearly declining trends in water quality were for two parameters, TDS and chlorides, which are generally associated with runoff from urban and agricultural areas, especially runoff of salt used to control ice on roadways. It should also be noted that the declining conditions documented in the USGS long-term trend studies have not yet resulted in designated use impairment in the assessment units that were monitored. This finding should support state and local stormwater management, nonpoint source pollution control and alternative road de-icing measures necessary to mitigate this declining trend and prevent future water quality impairment.

33. **Comment:** The results of the 2014 Integrated Report should not be seen as a positive for water quality in the State: only 14 of the 958 Assessment Units in the state meet all designated uses. This means that over 98% of the waters in the State fail to fully meet water quality standards. Furthermore, the fish consumption designated use is left out entirely. The commenter requests that NJDEP redraft these statements throughout the Draft 2014 Integrated Report to portray a more realistic view of the water quality issues found throughout New Jersey. This redrafting would include the use of the statement “98% of waters in the State fail to meet water quality standards” as opposed to the use of a single designated use percentage. (COA)
34. **Comment:** Commenters were dissatisfied with the statement that “55% of New Jersey’s 958 AUs fully support at least one designated use.” They expressed that it would be more accurate to say that 45% of New Jersey’s 958 AUs either: 1) cannot fully support even one designated use; or 2) have insufficient data to determine their status. Meeting just one of the five designated uses does not mean a water body meets federal Clean Water Act standards and this is unacceptable. What percentage of AUs statewide fully support all designated uses? This statistic should be included in the 2014 Integrated Report. (RH, KA)
35. **Comment:** The Water Quality Assessment Report can benefit from improved discussion throughout the text. While changes since the 2012 report are explained, the overall status of nearly half of all assessment units unable to fully support even one designated use should be addressed. (PPA)

**Response to Comments 33 thru 35:** The Integrated Report presents the results of the Department’s assessment of overall water quality conditions for all waters of the State and their support of designated uses, as required under Section 305(b) of the federal Clean Water Act. The 2014 Integrated Report presents the results of such assessment by indicating the percentage of assessment units statewide that fully support their applicable designated uses,



as well as the percentage that do not support such uses and the percentage for which insufficient information is available to assess such uses. Whether the executive summary and key findings emphasizes the percentage of designated use support rather than the percentage of non-support is a matter of personal preference since all of the information is provided in an objective and scientifically supported manner. The corresponding Methods Document describes the comprehensive approach and assessment protocols that are used to determine attainment of applicable SWQS and support of applicable designated uses. It should be noted that the Integrated Assessment is iterative and refinements are made to assessment methods as well as design and presentation of assessment results in the Integrated Report each reporting cycle. The Department currently exploring the use of new reporting tools and formats that are expected to provide information in a more detailed yet easier to understand, user-friendly, interactive format that can be accessed through the Department's website. We hope to launch these new tools for the 2016 or 2018 Integrated Reports.

36. **Comment:** While the second Key Finding states that “Statewide, 205 miles of rivers and streams, and 2,197 acres of lakes located within 14 of New Jersey’s 958 subwatersheds fully support all designated uses (except for fish consumption),” it is still important to raise the designated use to the actual use of each subwatershed. How will NJDEP be addressing this issue in future 303(d) lists? (KA)

**Response:** The Key Findings provide highlights of the Integrated Report. The Integrated Report provides all of the results for assessment of all designated uses in all waters of the State on an assessment unit basis. Designated uses are established under the SWQS rules at N.J.A.C. 7:9B-1.12 and include all existing uses; however, not all waters are designated for all uses. The assessment results for all applicable designated uses, including the fish consumption use, are provided for each of New Jersey’s 958 AUs in Appendix A, “Integrated List of Waters”. These results are summarized in Chapter 2 and in the Executive Summary of the full Integrated Report.

37. **Comment:** The third Key Finding states: “2,111 miles of rivers and streams and 11,917 acres of lakes, or 16% of New Jersey’s subwatersheds, fully support the aquatic life designated use. Aquatic life use impairment is mostly due to nutrient over-enrichment.” Better management practices and simple life adjustments could help aquatic life impairment. How has NJDEP addressed this issue in the past and what will change for the next reporting period. (KA)

**Response:** Since 2002, all Integrated Reports have included a chapter summarized New Jersey’s Water Quality Management Programs and steps taken, underway or planned to address water quality impairment, including aquatic life use impairment from nutrient over-enrichment. Chapter 4 of the 2014 Integrated Report provides substantial details on such programs, including TMDLs, NJPDES permits, Stormwater Management, and CSO controls, to name a few. In addition, the New Jersey Nonpoint Source Management Program Plan (2015-2016) at highlights the key actions that New Jersey and its partners will use to address water quality impairment caused by nonpoint source pollution, including nutrient over-enrichment (see [http://www.nj.gov/dep/wms/bears/docs/nps\\_plan\\_2015.pdf](http://www.nj.gov/dep/wms/bears/docs/nps_plan_2015.pdf)). The Plan identifies New Jersey’s strategies to protect, maintain and improve water quality

impacted by nonpoint source pollution. These include strategies that range in scale from statewide, such as the NJ Fertilizer Law N.J.S.A. 58:10A-61 et sq., to watershed-based restoration activities, such as source controls and combined sewer overflow permits requiring development and implementation of long term control plans.

38. **Comment:** As the 2014 Integrated Report states: “The most frequent cause of water quality impairment is the result of pathogens, which include E. coli, enterococcus, fecal coliform and total coliform...” Elevated bacteria in stormwater runoff and during wet-weather flow conditions in urban streams is well documented. Much of the bacterial impairments can be attributed to non-point source storm water runoff. This indicates that NJDEP must do a better job and identify and implement actions that have been successful. Can NJDEP predict if there have been improvements in the delayed 2016 List that should be out this year? (COA, KA)

**Response:** The Department has not yet completed the integrated assessment for the 2016 Integrated Report or 303(d) List so we cannot predict what changes will result in assessment outcomes for any pollutant or assessment unit. As explained in response to Comment #37, Chapter 4 of the Integrated Report summarizes the Department’s programs that are responsible for protecting and restoring water quality, including many that regulate point and nonpoint sources of bacteria discharges, including wet-weather flows, stormwater runoff, and other nonpoint sources. Over 80% of pathogen impairments identified in the 2014 cycle are already covered by TMDLs that include load allocations requiring reduction in nonpoint sources of bacteria. Additionally, permit requirements for Combined Sewer Overflows (CSOs) include development and implementation of Long Term Control Plans that identify nonpoint sources as well as point sources of bacteria and other pollutants causing water quality impairment. The Department also conducts pathogen source track down studies to identify sources of bacterial contamination of shellfish waters and develop plans to alleviate the problem. The Department’s Nonpoint Permitting Program issues permits to municipalities and industries requiring pollution prevention plans, source controls, and other best management practices (BMP) such as those published in the Department’s Stormwater BMP manual (see [http://www.njstormwater.org/bmp\\_manual2.htm](http://www.njstormwater.org/bmp_manual2.htm)), which describes proven practices and techniques to reduce stormwater contamination to our waterways.

### **Water Quality Conditions in the Atlantic Coastal**

39. **Comment:** Clarify why the Atlantic Coastal Region (ACR) and especially Barnegat Bay, were intensively sampled for this Integrated Report, and there are still several AUs that have “insufficient data” for the aquatic life use (see Pg. 49, Figure 2.26: Comparison of General Aquatic Life and Recreation Uses 2012-2014). (USEPA)

**Response:** The Barnegat Bay has “Insufficient Data” for aquatic life designated use based on the requirement for biological index data results that had not been developed yet for the 2014 Integrated Report. The biological indicator is needed to fully assess the aquatic life use along with applicable chemical data. The Department recently completed developing a scientifically-supported biological index based on benthic macroinvertebrates that can be



used to assess biological conditions in the saline waters of Barnegat Bay that will be incorporated into the 2016 Methods Document as explained in Comment #20. In the meantime, 2014 assessments in Barnegat Bay will be reported as “Insufficient Data” for aquatic life use in situations that biological data is required. In the 2014 Integrated Report there exists two in-bay assessment units, Barnegat Bay Central Bottom and Barnegat Bay Central East, evaluated to be “Insufficient Data”.

### **Water Quality Conditions in Barnegat Bay**

40. **Comment:** In 2013, Dr. Michael Kennish authored a report by the Rutgers Institute of Marine and Coastal Sciences that showed that pollution was worse in the Barnegat Bay than previously thought as a result of nitrate and phosphorous pollution and eutrophication. This report should have concluded the research phase of the Barnegat Bay Ten Point Action Plan and served as clear and irrefutable final proof that Barnegat Bay exceeds narrative nutrient criteria SWQS and should be listed as impaired. However, the Draft 2014 Integrated Report fails to list the Barnegat Bay as impaired due to nutrients. This is unacceptable. Even absent the implementation of numeric criteria, there is more than enough evidence to list the Bay as impaired due to exceedance of narrative nutrient criteria. The commenter urges the NJDEP to list the Barnegat Bay on the 303(d) as impaired in the 2014 integrated report. (COA)
  
41. **Comment:** The recent intensive monitoring and assessment conducted by the NJDEP and partners has confirmed that Barnegat Bay is in a state of eutrophication due to urban development and stormwater pollution. Barnegat Bay is an impaired waterbody is economically and socially important. Over-development, soil compaction, stormwater runoff and in particular, nutrient pollution are the primary stressors causing the eutrophic conditions. This gives cause for serious concern that the waterbody could be reaching an ecological tipping point. Barnegat Bay is an estuary of national significance. It should be treated with more serious priority status than an inconsistent effort to monitor and report. The longer the NJDEP delays the appropriate, consistent methodologies and remedies, the more exacerbated the conditions in the bay become. Barnegat Bay continues to decline and is increasingly becoming a public health issue. (SBB)
  
42. **Comment:** We applaud the Department’s efforts to improve monitoring and assessment of the Barnegat Bay’s health. However, many of the assessment units within the bay continue to violate the narrative nutrient standard, as pointed out in our comment letter on the 2012 Integrated Report. Once the nutrient narrative criteria have numeric translators, it would also be reasonable to expect additional impairments to be officially recognized. We believe that the bay clearly should be identified as a high priority under the criteria set forth in the Monitoring and Assessment Methods document. (BBP)

**Response to Comments 40 thru 42:** The Department recognizes that observed effects in the Barnegat Bay, such as seagrass declines, algal blooms, high macroalgal densities, shellfish declines, and sea nettle population rises are well documented; however, current research does not conclusively establish that these observed effects are caused by nutrient over-enrichment rather than other causes or sources. In addition to nutrients, such as nitrogen, other stressors

that can cause similar effects include reduced light penetration from boat traffic, circulation patterns, temperature and salinity levels, sediment contamination, over-harvesting of shellfish, and habitat changes. Although excessive nitrogen has been reported throughout the media as the cause for Barnegat Bay's degraded condition, no scientific studies have concluded that nitrogen is the only cause for current conditions in the Bay

The Department has sponsored studies of the Barnegat Bay that will help us better understand the physical, chemical, and biological processes in the estuary in order to understand the role played by nutrients and other factors in manifesting the observed conditions in the Bay. These studies will investigate various biotic trophic levels and communities for condition and relationship to stressors, including diatoms, phytoplankton, zooplankton, benthic organisms, clams, crabs, and fish. There are also studies underway to evaluate the possible causes for increased abundance of sea nettles, the role of marshes and wetlands, and the effect of conservation zones. More details about these and other studies in the Barnegat Bay sponsored by the Department can be found on the Department's website at <http://www.nj.gov/dep/barnegatbay/plan-research.htm>. Through these studies, the Department is working to develop thresholds and indicators for various biological communities as well as establishing cause/response relationships so that the means to interpret and apply the narrative nutrient criteria in estuarine waters can be determined. The Department is also conducting comprehensive monitoring and modeling work, which will be used to establish linkages between pollutant loadings, water quality, and biotic community response, using information from the research projects, where feasible. More details about this work can be found on the Department's website at <http://www.nj.gov/dep/barnegatbay/plan-wqstandards.htm>. The Department will continue to integrate the information acquired from the biologic community studies along with monitoring and modeling work to assess the degree to which the Bay meets numeric and narrative water quality criteria and supports designated uses.

As stated above, studies are currently underway that should verify correlations between suspected sources and observed conditions and help us understand the various stressors and their relative importance in to water quality in the Bay. The Department's work to understand the causes of observed conditions is important so that the most effective restoration actions can be implemented. Nevertheless, the Department is not waiting until nutrient thresholds, biological indexes and cause/response relationships are established to begin working on improving conditions in Barnegat Bay. Common sense actions that will advance the overall objective of restoring the Bay have already been undertaken. These include establishing a statewide fertilizer law, retrofitting stormwater basins to promote recharge and reduce nutrients, and acquiring open space. The Water Quality Monitoring Project for Barnegat Bay will be used to develop and calibrate a model that can then be used to simulate future conditions. Once the model is available, the Department will be able to evaluate various actions and, if the cause/response relationships are clearly defined, we should be able to determine the success of the selected actions.

43. **Comment:** Chapter 5 of the report does an excellent job of explaining how the Barnegat Bay Ten Point Plan Action Plan items #3, #7, and #9 relate to water quality. However, it lacks any update or discussion regarding seven of the ten points (action items 1, 2, 4, 5, 6, 8, and

10). In particular, addressing #2 (Fund Stormwater Runoff Mitigation Projects) and #4 (Require Post-Construction Soil Restoration) could have a substantial impact on water quality within Barnegat Bay. This report should 1) emphasize the importance of working with the Barnegat Bay Partnership (BBP) and its partners to identify our collective priorities and to leverage commitments to protect and restore the bay; and 2) update what actions have been taken since 2010 to implement all points of the plan and their impact on water quality. (PPA, BBP)

**Response:** This comment is beyond the scope of the 2014 303(d) List. While the focus area for the 2014 Integrated Report is the Atlantic Coastal Water Region, which includes the Barnegat Bay, the purpose of the Integrated Report is not to provide updates on the Governor's 10-point action plan for the Barnegat Bay, known as the Comprehensive Plan of Action. The Integrated Report is intended to meet the Department's reporting requirements on statewide water quality pursuant to Sections 303(d) and 305(b) of the federal Clean Water Act. As acknowledged by the commenters, Chapter 5 – and other sections - of the Integrated Report do discuss the elements of the Barnegat Bay related to water quality standards and assessment; however, the other action items, in particular, funding Stormwater Runoff Mitigation Projects and Post-Construction Soil Restoration are beyond the scope of the Integrated Report. Updates and status reports on the Barnegat Bay Action Plan are provided on the Department's website at <http://www.nj.gov/dep/barnegatbay/>.

44. **Comment:** What the bay needs now is a quantitative approach to limiting the sources of nitrogen and phosphorus inputs. The most widely accepted method of reaching quantitative results is through the use of TMDLs. The commenter believes there is a high level of public and political support for development of TMDLs for the bay. Actions undertaken by citizens and non-profit organizations and proposed legislation demonstrate the support for scientific study and the development of sound public policy to protect and restore Barnegat Bay. (SBB)
45. **Comment:** Barnegat Bay should be placed on the TMDL priority list (Appendix B). A history of impairments, an increase in the number of recognized impairments as a result of the Department's increased monitoring activities in the bay, coupled with new modeling and other efforts, have clarified the broad extent of the bay's problems. New Jersey should institute high priority status for Barnegat Bay and develop TMDLs as required. While much of the impairment to Barnegat Bay is contributed by non-point sources, relying on voluntary watershed based plans to alleviate water quality issues is problematic. While it will take a suite of approaches to effectively address the health of Barnegat Bay, a TMDL provides an opportunity to begin addressing issues with defined standards which are currently lacking in the bay. (PPA, BBP)
46. **Comment:** EPA asks that NJDEP prioritize Barnegat Bay and commit to developing TMDLs or alternative restoration control strategies to address nutrient related impacts in the Bay. (USEPA)

**Response for 44 thru 46:** The findings from the ecological research projects funded by the Department under Comprehensive Action Plan Item #9, along with USGS's modeling work,

are being used to develop site-specific criteria designed to support the health of the ecological community. Once the appropriate numeric water quality criteria are finalized, the Department will be in a position to assess support of aquatic life uses and identify the means to remedy any verified use impairment. This remedy may include a TMDL and/or watershed restoration plans. Prioritization of TMDLs and alternative restoration strategies for Barnegat Bay will be considered as part of the Department's new 303(d) visioning and prioritization process, including public and stakeholder input, for the 2016 Integrated Report as required by USEPA. New Jersey's "Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act" is provided in Appendix G of the 2014 Integrated Report.

### WATER QUALITY TRENDS AND OTHER ASSESSMENTS

47. **Comment:** The draft 2014 Integrated Report demonstrates a trend toward "Fair" water quality (water quality in our most impaired waters is improving, while water quality in our least impaired waters is getting worse), which suggests a violation of the Clean Water Act's anti-degradation policy. Does the Department have an explanation for this apparent move to mediocrity? NJDEP should clearly explain why the percentages of AUs fully supporting Aquatic Life-General and Shellfish Harvest for Consumption have decreased. The Integrated Report demonstrates that there is a trend toward degradation of non-impaired waters, which raises significant concerns regarding New Jersey's obligations under the Clean Water Act to develop and adopt a statewide anti-degradation policy that maintains and protects existing water uses and the level of water quality necessary to protect the existing uses. The trend of degraded water quality among our least impaired waters means New Jersey is not meeting the anti-degradation standards of the federal Clean Water Act. What steps, if any, is the Department taking to address this failure to meet anti-degradation standards? (RH, AL1)

**Response:** Section 3.2 of the 2014 Integrated Report states that macroinvertebrate data collected from four rounds of sampling collected by the Department's Ambient Biological Monitoring Network (AMNET) shows "very little change [statewide] from 1989 to 2014, although there was a slight negative trend toward impaired conditions" indicated by a decrease in the number of sampling stations reporting either "excellent" or "poor" biological conditions and an increase in the number of stations reporting "fair" conditions. The reasons behind both sets of changes are not fully understood. We do know that biotic impairments are generally due to a broad suite of causes including excess nutrients, habitat alteration, sedimentation, elevated temperature, low flow, storm flow, metals and toxics. Often sites are impacted by several of these problems simultaneously; therefore, being able to improve the biological condition requires that we identify all the significant causes on a site-specific basis. As stated at the end of Section 3.4, "Further investigation is necessary to determine why an individual site's biological assessment declined or improved, and if these changes are related to water quality or to events such as droughts and floods; however, the AMNET data show a correlation between benthic macroinvertebrate community impairment and different physiographic land types, land uses, and other anthropogenic factors."

The macroinvertebrate communities that show impairment are identified on the 303(d) List as "Cause Unknown" if there is insufficient or no water chemistry data showing exceedances

of applicable water quality criteria as the cause of the degraded biological conditions. In future Integrated Reports, the Department will identify both biological and chemical causes of impairment. The need to identify sources and causes of biological impairment has been identified as a significant data gap to be addressed in the pending update to the Department's Long Term Monitoring and Assessment Strategy. By identifying the specific sources and causes of degradation among biotic communities, the Department can develop effective restoration strategies tailored to the biological impairment in each waterbody. The Department is actively pursuing expansion of its watershed restoration and nonpoint source pollution control efforts through Clean Water Act Section 319(h) grants as well as other funding sources to address a myriad of causes, including habitat and flow issues where stream impairments are identified on the 303(d) List, as well as watershed protection plans to maintain high quality waters and enhance water quality in unimpaired waters with declining conditions. These efforts are expected to achieve significant improvements in biological conditions over time by directly addressing the sources and causes of biological impairment.

Shellfish harvesting waters have shown steadily improving trends since the 1970s. While the 2014 Integrated Report showed an increase in the number of AUs not supporting the shellfish harvest for consumption use compared to the 2012 Integrated Report, the increase was due to a change in the shellfish use assessment method to better align with USEPA's determination of waters covered by approved Shellfish TMDLs rather than a decline in water quality conditions since 2012 (see Section 2.2. "Shellfish Harvest for Consumption").

48. **Comment:** The text in the Macroinvertebrate Data section on Page 37 states, "Macroinvertebrate data showed that 28% of Atlantic Coastal Region (ACR) assessment units are not impaired .... Pinelands waters showed much healthier biological communities (60% were not impaired) than ACR waters outside the Pinelands (30%)." It appears as if one of the stated percentages is inaccurate, because if 60% of Pinelands waters are not impaired, and 30% of ACR waters outside of the Pinelands are not impaired, the total percentage of unimpaired waters in the ACR cannot be 28%. (PPA)

**Response:** The original text in the Integrated Report failed to explain that the 60% of Pineland waters and 30% of non-Pineland waters fully attaining for macroinvertebrates is based on only waters with sufficient data to make an assessment. Because 45% of the AUs did not have sufficient data for an assessment, the overall percentage of full support was 28%, 81 of 293 AUs. However, if only looking at AUs with sufficient macroinvertebrate data for an assessment, the overall percentage of full support is 50%, 81 of 161 AUs, with the Pineland waters showing 66 of 102 AUs fully supporting and non-Pineland waters showing 15 of 59 fully supporting. These new numbers change the Pineland waters to 65% fully attaining and non-Pineland waters to 25% fully attaining. This section of the final Integrated Report has been revised as follows:

Macroinvertebrate data showed that 28% of ACR AUs are not impaired/attain applicable WQS (compared to 26% statewide), 27%% were impaired (36% statewide), and 45% had insufficient information (38% statewide). However, Pinelands waters showed much healthier biological communities than ACR waters outside the Pinelands. When examining AUs with sufficient

macroinvertebrate data for an assessment (161 of the 293 AUs in the ACR), Pinelands waters show 65% fully supporting (66 of 102 AUs) while non-Pineland waters are only 25% fully supporting (15 of 59 AUs). This difference correlates with the disparity in land use. Land cover within the Pinelands is mostly forested and wetlands with intact riparian buffers, while the majority of the land use outside the Pinelands is heavily impacted by urbanization and agriculture. AUs with biological impairment but no corresponding pollutant exceedances are assessed as not supporting the aquatic life use due to “cause unknown”. The majority of new 303(d) listings for cause unknown within the ACR (87%) are located outside of the Pinelands. A significant percentage of waters within the ACR have insufficient information to assess the general aquatic life use. This is because current biological assessment methods apply only to freshwaters. The Department is currently developing a benthic macroinvertebrate index for coastal and estuary waters. Once this new index is available, the Department will be able to assess the general aquatic life use in all waters of the ACR.

DESIGNATED USE ASSESSMENT RESULTS – 2014 DRAFT  
INTEGRATED LIST OF WATERS (SUBLISTS 1-5)

49. **Comment:** The Report does not provide information on the Designated Uses which are impacted by the Sublist 4 impairments. (GSWA)

**Response:** The “Integrated List of Waters (Integrated List) – Sublists 1-5” in Appendix A identifies final designated use results for all AUs, which includes those on Sublist 4 as well as those on Sublist 5 and its subparts (5A, 5L, 5R). However, it does not specify whether the AU is on Sublist 4 or 5 it only states “Non Support”. The addition of the table, “2014 Sublist 4 List with Subpart and TMDL ID”, to Appendix B provides additional information to explain the cause of the non supporting AUs by identifying all AUs, parameters, and designated uses on Sublist 4.

**Sublist 5A (Naturally Occurring Arsenic)**

50. **Comment:** As the Integrated Report acknowledges, arsenic is the predominant (82%) cause of water supply use impairment. The human health criterion is 0.017 µg/L, well below levels of analytical detection, while levels of arsenic in surface waters are commonly observed in the range of 1-4 µg/L. To address this, DEP created a new Sublist 5A for waters where arsenic levels exceed standards but are consistent with naturally occurring conditions. Unfortunately, the effort falls short for various reasons: 1) Only watersheds in the Inner and Outer Coastal Plains were assessed for whether the arsenic concentration is due to natural occurrence, and 2) The range of arsenic concentrations considered natural (0.36-0.70 µg/L) is much too narrow for surface waters in New Jersey. Given the uncertainties with regard to natural occurrence of arsenic, the commenters recommend that the Department apply the drinking water MCL of 5 µg/L for arsenic as a basis for impairment designation. (MT, RVRSA, SRVSA, SBRSA)

51. **Comment:** Sublist 5A does not belong in Sublist 5 at all. The Integrated Report states: “Because arsenic criteria are human health based, EPA does not allow the SWQS provision of ‘naturally occurring’ to supersede the established criteria.” The Department should refuse to accept EPA’s policy in this regard, because it would lead NJDEP to improperly designate surface waters with naturally occurring levels of arsenic as impaired. List 5 means impairment, and exceedance of criteria due to natural occurrence is not impairment [N.J.A.C. 7:9B-1.5(c)1]. This issue matters because wastewater treatment plants could end up having end-of-pipe limits for arsenic imposed because they discharge to a receiving water that is inappropriately designated as “impaired.” (MT, RVRSA, SRVSA, SBRSA)
52. **Comment:** We understand that natural background levels of arsenic exceed the State’s human health criteria in certain waters, and this is not only an issue in NJ but also around the country. However, EPA’s national policy does not allow human health-based criteria to be modified based on natural conditions. Currently, the EPA and the NJDEP staff are exploring an alternative plan to address these impairments through the permitting process that might result in the issuance and implementation of long term variances, until EPA develops new nationally recommended human health criteria for Arsenic. (USEPA)
53. **Comment:** The commenters do not agree with the use of Sublist 5A to identify AUs where arsenic levels exceed standards but are consistent with naturally occurring conditions. NJDEP must provide a more detailed and in depth rationale behind their decision to create a new Sublist 5A and must undertake further research into the causes of arsenic impairments before it has enough information to determine if the high levels of arsenic found across New Jersey are naturally occurring or human caused. (COA, RH)

**Response to Comments 50 thru 53:** Section 303(d) of the federal Clean Water Act requires states to identify water quality-limited waters that require development of TMDLs because they are not meeting applicable surface water quality standards (SWQS) despite the implementation of technology-based effluent limits. The promulgated surface water quality standard for arsenic is 0.017 ug/L (see N.J.A.C. 7:9B-1.14(f)7). This standard was derived based on the potential risk to human health from exposure to arsenic in drinking water; however, in accordance with the federal Clean Water Act and the New Jersey Water Pollution Control Act, this standard is applied to ambient water quality – without consideration of cost or availability of treatment technology. The maximum contaminant level (MCL) for arsenic was also derived based on the potential risk to human health from exposure to arsenic in drinking water; however, in accordance with the federal and state Safe Drinking Water Acts, the final MCL is less stringent than the health-based MCL and is based on the availability of treatment technology as well as the federally promulgated MCL for arsenic. Therefore, the Department cannot assess arsenic based on compliance with the arsenic MCL and must assess arsenic based on the promulgated SWQS of 0.017 ug/L until/unless the arsenic SWQS is amended.

USEPA’s national policy does not allow human health-based criteria to be modified based on natural conditions. Currently, USEPA Region 2 is working with the Department to explore an alternative approach (other than TMDLs) to address water quality impairments caused by naturally-occurring arsenic while USEPA revises national guidance or standards for arsenic.

This alternative approach would include issuance and implementation of long-term variances to the SWQS for arsenic (in accordance with amended provisions of the SWQS rules currently under development), pursuant to the recently adopted amendments to the federal WQS rules (see 40 CFR 131)<sup>3</sup>. Since USEPA has the final authority to approve, remand or disapprove state 303(d) Lists under the Section 303(d) of the federal Clean Water Act, the Department cannot simply “refuse to accept EPA’s policy”, as suggested by some of the commenters, without risking USEPA disapproval or remand of the 2014 303(d) List and the potential withholding of funds authorized under New Jersey’s Performance Partnership Agreement with USEPA Region 2. For the time being, the Department has created a new subpart of Sublist 5 for AUs that are impaired by arsenic that is naturally occurring. AUs on Sublist 5A are considered a very low priority for TMDL development and are instead intended to be addressed by an alternative approach such as the variances mentioned earlier.

54. **Comment:** The commenters request further research and documentation of 1) historical use of arsenical pesticides as a significant contributor of arsenic in surface water; 2) trends in arsenic in surface and groundwater; 3) the relationship between arsenic in groundwater and arsenic in surface water; 4) potential mechanisms causing arsenic to be mobilized from deposits in the Piedmont or Highlands; and 5) arsenic in all regions of the state. Although naturally-occurring deposits of arsenic may be contributing to arsenic impairments, a trend of increasing arsenic concentrations would not be explained by “natural causes” and suggests New Jersey is not meeting the anti-degradation standards of the federal Clean Water Act. What steps, if any, is the DEP taking to address this failure to meet anti-degradation standards? (COA, RH)

**Response:** The Department also recognizes the impacts that arsenic has had on surface and ground water quality and has completed studies conducted under contract with the USGS to determine natural levels of arsenic in the Coastal Plain. Additionally, we hope to continue further studies in the future including the important topics suggested by the commenter. Although the Integrated Report has shown the number of impairments has increased over the years it may not be indicative of a trend but the result of improved laboratory detection at lower concentrations that exceed the criteria of 0.017 ug/l. In situations where it is known that the anti-degradation standards are being violated, the Department will take enforcement action primarily through the permitting and enforcement programs. Additionally, the Department and USEPA are collaborating to explore an alternative approach (other than TMDLs) to address water quality impairments caused by naturally-occurring arsenic (see Response to Comments 50 to 53).

55. **Comment:** Exceedance of human health criterion should not automatically result in impairment designation for freshwaters, since water supply use is defined in SWQS (7:9B-1.12(c)4) as “potable water supply after conventional filtration treatment.” Commenters believe that constituents with a significant particulate fraction, such as arsenic, would be reduced by conventional filtration treatment. (MT, RVRSA, SRVSA, SBRSA)

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<sup>3</sup> USEPA 40 CFR 131 EPA-HQ-OW-2010-0606; FRL-9921-21-OW available from the USEPA website at <https://www.epa.gov/wqs-tech/final-rulemaking-update-national-water-quality-standards-regulation>



**Response:** Conventional treatment is defined in the Surface Water Quality Standards rules at N.J.A.C. 7:9B-1.12 (b)3 as "... a series of processes including filtration, flocculation, coagulation, and sedimentation, resulting in substantial particulate removal but no consistent removal of chemical constituent(s) or disinfection." Data analysis indicates that the dissolved fraction in total arsenic can be more prevalent than the particulate fraction although the fractions change depending upon site conditions. Hence, conventional filtration treatment capability to remove arsenic is not accepted as a means to treat for elevated arsenic levels. Additional treatment technologies such as reverse osmosis, ion exchange, and adsorptive media have proven through studies and application to be effective means to remove arsenic from the water column. See also response to Comments 50 thru 53.

56. **Comment:** The following assessment units, which are currently on Sublist 5, are designated as impaired due to arsenic, even though the commenters believe observed levels of arsenic are consistent with natural levels (i.e. Sublist 5A). Until the Department improves its methodology for assessing arsenic concentrations relative to natural levels, these assessment units should be assigned to Sublist 3 (insufficient data) with regard to arsenic so that inappropriate effluent limits are not imposed on wastewater dischargers to these waters:

- 02030105090050-01 Stony Bk (Province Line Rd to 74d46m dam)
  - 02030105110030-01 Millstone R (Beden Bk to Heathcote Bk)
  - 02030105110050-01 Beden Brook (below Province Line Rd)
  - 02030105110110-01 Millstone R (BlackwellsMills to BedenBk)
- (MT, RVRSA)

**Response:** All of the AUs above are located in the Piedmont physiographic region where natural levels of arsenic have not been determined. Until studies are conducted that conclusively establish the range of naturally-occurring concentrations of arsenic, the Department must place all of the AUs that exceeding the human health criterion for arsenic on Sublist 5. AUs located within the Inner and Outer Coastal Plain, where USGS has determined the range of naturally-occurring arsenic to be 0.36-0.70 ug/l and 0.24-0.61 ug/l, respectively, will be placed on Sublist 5A if arsenic concentrations fall within the applicable range.

#### **Sublist 5L (Legacy Pollutants)**

57. **Comment:** The Department's designations of Sublists 5L ("Legacy" impairment) and 5R (NPS impairment addressed by a Watershed Based Plan) make a great deal of sense, and prevent the Department from having to develop TMDLs that may not be the most appropriate management solution. (MT, RVRSA, SRVSA, SBRSA)

**Response:** The Department appreciates the commenters' support.

58. **Comment:** Waters on Sublist 5L have been identified and listed due to legacy contamination where the predominant source of contamination is in-place sediment. However, data and modeling analysis conducted in areas such as the NY-NJ Harbor and

Delaware Estuary indicate that ongoing sources from storm water, CSOs, and sewage treatment plants, also contribute to excursions of water quality standards, and these ongoing sources may cause recontamination once hazardous waste sites or in-place sediments are cleaned up. EPA recommends that NJDEP evaluate current data to determine sources and develop and implement alternative restoration strategies, such as pollutant minimization plans, for continuing sources such as sewage treatment plants. (USEPA)

**Response:** The Department agrees with the comment and in the 2014 Methods Document, Section 7.0 Integrated Listing Guidance, has stated the need for alternative approaches such as pollution minimization plans for reductions. The description of Sublist 5L in the Methods Document states:

Impairments that are attributed to parameters that are banned from production or use are placed on this subpart. The cause of these impairments is historical in nature; these pollutants linger in the environment long after new anthropogenic sources have ceased. Thus, the TMDL/regulatory response path envisioned under the CWA is not an effective means to address these impairments. Instead, follow-through on site remediation plans, development/implementation of pollutant minimization plans for incidental introduction into regulated discharges and natural attenuation are the main mechanisms for reduction.

#### **Sublist 5R (Restoration)**

59. **Comment:** NJ's integrated report includes a category 5R: "impaired waters identified for restoration strategies other than TMDLs." While these waters have been identified for restoration, a schedule for completion of strategies should also be provided. The IR states the following: "Sublist 5R is used to recognize that not all impaired waterbodies are most effectively addressed through a TMDL. For example, where impairment can be attributed primarily to nonpoint sources." How is "primarily" determined? For example, if one or more small point sources are present in an assessment unit (AU) impaired by Total Phosphorus, how does the state determine if those point sources are not contributing to the excess of nutrients? (USEPA)

**Response:** As stated in Chapter 7.0 of the 2014 Methods Document, AU/pollutant combinations are placed on Sublist 5R only where the "Designated use is not supporting and restoration activities have been identified in an approved Watershed Based Plan to address the parameter for which water quality standards are not attained." In an approved Watershed Based Plan (WBP), sources and loads are determined and actions to reduce loads are identified in accordance with USEPA requirements under the Section 319(h) Nonpoint Source Pollution Control Grant Program, including nine key elements critical for achieving improvements in water quality. These requirements do not include "a schedule for completion of strategies" contained in each WBP. Instead, USEPA's new collaborative framework for implementing CWA Section 303(d) Program with States, "A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act 303(d) Program" allows states to pursue the most effective and appropriate restoration strategy for

each listed pollutant cause of water quality impairment as part of its Integrated Assessment. New Jersey's "Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act" is provided in Appendix G of the final 2014 Integrated Report and includes a schedule of anticipated completion dates for priority TMDLs, watershed restoration plans and watershed protection plans developed by the Department for the years 2016 through 2022. This schedule will be updated annually and submitted to USEPA to meet reporting requirements for Water Quality Measure No. 27 in accordance with New Jersey's Performance Partnership Agreement with USEPA.

A WBP will not be developed for any watersheds with major dischargers, such as municipal wastewater treatment facilities, that are contributing to the pollutant load of concern. If a minor discharger(s) is located within the watershed, the load contribution will be calculated. Based on that calculation, the Department will determine if the load contribution from the discharger is insignificant or if a wasteload reductions is required from that discharger. If the Department determines that the applicable WQS can be achieved through reductions in nonpoint sources of the pollutant(s) established through the WBP, then the AU/pollutant combination will be placed on Sublist 5R. However, if a discharger's load is significant and wasteload allocations are required to attain the SWQS, then a TMDL will be required.

60. **Comment:** DEP has placed 74 AU/pollutant combinations on Sublist 5R, which is a list that identifies AUs for water quality impairment "not effectively addressed by TMDLs, such as nonpoint source pollution that will be controlled under an approved watershed restoration plan or 319(h) Watershed Based Plan." While EPA has envisioned the use of Sublist 5R, EPA has made clear that "current statutory and regulatory CWA 303(d) obligations (including development of TMDLs) remain unchanged, and EPA expects TMDL development to be a primary feature of the [303(d)] Program." Thus, while alternative approaches to improving water quality (including 319(h) funded projects, best management practices, and other strategies) may be incorporated in TMDLs, placing AU/pollutant combinations on Sublist 5R does not negate DEP's obligation to prepare and implement TMDLs and monitor their effectiveness if water quality impairments are not addressed in the short-term through a Watershed Based Plan. (RH, AL1)

**Response:** As with Sublist 5A, AU/pollutant combinations placed on Sublist 5R are still considered to require development of a TMDL; however, USEPA has agreed to a national policy that allows such TMDL development to be considered a lower priority for scheduling purposes. Such a policy was first established nationally by USEPA with the creation of Sublist 5M for mercury TMDLs back in the late 1990's. This policy allows states to direct its limited resources to implementing restoration actions that are more likely to result in restoration and attainment of WQS before any TMDL work has been initiated. This approach does not negate the Department's obligation to develop and implement TMDLs if Watershed Based Plans are not effective. However, because waters placed on Sublist 5R are impaired predominantly by nonpoint sources of pollution, the Department has opted to pursue WBPs/watershed restoration plans as the preferred path to reduce loads and attain water quality standards.

CAUSES OF USE NON-SUPPORT, 2014 DRAFT 303(D) LIST, PRIORITY RANKING OF  
TMDL DEVELOPMENT AND TWO-YEAR TMDL SCHEDULE

61. **Comment:** NJDEP’s 2012 Final 303(d) list included 1770 waterbody/pollutant combinations. NJDEP’s draft 2014 303(d) list includes 1945 waterbody/pollutant combinations. NJDEP Table 2.1A in the 2014 draft integrated report with appendices reports a net change in 189. However, based on the total waters for 2012 and 2014 the net change is 175. Please review and provide justification for the following differences from NJDEP Table 2.1A and the 303(d) list. See tables below. (USEPA)

Delistings (On NJ 2012 303(d) List but not on 2014)		
Cause	Actual	IR TABLE 2.1A
Arsenic	4	4
Cause Unknown	31	14
Chlordane in Fish Tissue	11	11
DDT in Fish Tissue	6	4
Dieldrin	7	7
Enterococcus	1	1
Escherichia coli	4	4
Fecal Coliform	1	1
heptachlor epoxide	2	2
lead	1	1
Mercury in Fish Tissue	10	8
Mercury in Water Column	3	3
oxygen, dissolved	9	9
PCB in Fish Tissue	24	23
pH	10	11
Phosphorus (Total)	15	15
Total Dissolved Solids	1	1
Total Suspended Solids (TSS)	3	3
Turbidity	3	3
<b>TOTAL</b>	<b>146</b>	<b>125</b>

2014 New Listings		
Parameter	Actual	IR TABLE 2.1A
Aluminum	2	2
Arsenic	32	31
benzo(a)pyrene (PAHs)	1	1
Cause Unknown	32	33
Chlordane in Fish Tissue	6	6
Copper	3	3
DDT and its metabolites in Fish Tissue	5	3
Dieldrin	1	1
Escherichia coli	27	27
Heptachlor epoxide	3	3
hexachlorobenzene	1	1
lead	2	2
Mercury in Fish Tissue	14	12
Mercury in Water Column	4	4
oxygen, dissolved	32	31
PCB in Fish Tissue	9	8
pH	44	44
Phosphorus (Total)	20	19
Temperature, water	34	34
Total Coliform	22	22
Total Dissolved Solids	1	1
Total Suspended Solids (TSS)	11	11
Turbidity	15	15
<b>TOTAL</b>	<b>321</b>	<b>314</b>

**Response:** The following changes/corrections were made to the final 303(d) List and corresponding documents including the final 2014 Integrated Report and Appendix A through D:

Assessment Unit Number	Assessment Unit Name	Parameter	Changes
02020007040020-01	Black Creek (below G. Gorge Resort trib)	Arsenic	New listing to the final 303(d) List.
02030103010040-01	Loantaka Brook	Cause Unknown	First listed in 2008. Not a delisting; returned to final 303(d) List and removed from Delisting Document.
Assessment Unit Number	Assessment Unit Name	Parameter	Changes
02030104090060-01	Shark R (below Remsen Mill gage)	Cause Unknown	DO still listed on the final 303(d) List, this is not a new listing.
02030105020060-01	Capepoulin Creek	DDT and metabolites in Fish Tissue	Not delisted for DDT in Fish Tissue – Returned to final 303(d) List and

			removed from Delisting Document.
BarnegatBay04	Toms R Estuary	DDT and metabolites in Fish Tissue, Mercury in Fish Tissue, PCB in Fish Tissue	Listings carried over from 02040301080090-01Toms R Lwr (below Rt 166). Not new listings.
02030105100090-01	Cranbury Brook (below NJ Turnpike)	Dissolved Oxygen	Not a new listing. AU association changed to 02030105100060-01 Millstone R (Cranbury Bk to Rocky Bk).
02030104090030-01	Deal Lake	pH	Not a delisting. First listed in 2008. Returned to final 2014 303(d) List and removed from Delisting Document.
02030105100090-01	Cranbury Brook (below NJ Turnpike)	Phosphorus (Total)	Was listed twice. Corrected on final 303(d) List.

The final 2014 303(d) List was revised for the following 16 AUs to replace “Cause Unknown” with a chemical pollutant as the cause of the aquatic life use non-support. A biological impairment still exists but, according to the Methods Document, “Cause Unknown” is only placed on the 303(d) List when there is no chemical data showing exceedance of the applicable aquatic life use criteria. We anticipate changing the assessment methods for the 2016 Integrated Report to list both chemical exceedances and biological impairment as causes of aquatic life use non-support, as applicable.

Assessment Unit Number	Assessment Unit Name	Original Parameter (2012)	New Parameter (2014)	Original Listing Station	New Listing Station
02030104060040-01	Chingarora Creek to Thorns Creek	Cause Unknown	Oxygen, Dissolved	AN0459	MCHD-36
02040301160090-01	Clark Branch (above/incl Price Branch)	Cause Unknown	Oxygen, Dissolved	AN0567	0140940480
02020007020060-01	Clove Brook (Papakating Ck)	Cause Unknown	Temperature, Water	AN0309	AN0308
02040105040010-01	Culvers Creek	Cause Unknown	Temperature, Water	AN0017	BFBM000126
02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Cause Unknown	pH	AN0423	01403470
02040202030090-01	Greenwood Br(below CountryLk & MM confl)	Cause Unknown	pH	AN0148	01466900
02040301080070-01	Jakes Branch (Lower Toms River)	Cause Unknown	Oxygen, Dissolved	AN0543	BT05
02040301170100-01	Landing Creek (above Rt 563)	Cause Unknown	pH	AN0590	01409571
02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Cause Unknown	Phosphorus (Total)	AN0434	Farrington Lake-09
02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Cause Unknown	Temperature, Water	AN0070	01456210
02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Cause Unknown	pH	AN0068	GDU1/SDU1
02040105050050-01	Paulins Kill (below Blairstown gage)	Cause Unknown	Temperature, Water	AN0032A	DRBCNJ0036
02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Cause Unknown	Temperature, Water	AN0022	01443500

02030103030030-01	Rockaway R (above Longwood Lake outlet)	Cause Unknown	pH	AN0240	Sun Air Campground
02030103140040-01	Saddle River (above Ridgewood gage)	Cause Unknown	pH	AN0281	01390500
02020007030010-01	Wallkill R(41d13m30s to Martins Road)	Cause Unknown	Total Suspended Solids (TSS)	AN0302	01367770

62. **Comment:** The Department should create another sublist for impairment due to pathogen indicators, which are better managed through track-down studies than TMDLs. (MT, RVRSA, SRVSA, SBRSA)

**Response:** The Department continues to conduct track down studies to determine the sources of pathogen contamination. However, since the studies only identify potential sources and do not have any requirement or regulatory ability to impose reductions, these impairments will still require TMDLs or other regulatory or enforcement action, and will remain on the 303(d) List rather than a subpart of Sublist 5 until water quality standards are met.

63. **Comment:** Waterbody/pollutant combinations identified in Sublist 4 should be designated as either 4A, 4B or 4C. (USEPA)

**Response:** The Sublist 4 table has been updated to include a designation for 4A, 4B or 4C. At this time, all of the listings on Sublist 4 are in 4A.

### **Raritan**

64. **Comment:** The two assessment units of the Raritan River downstream of the Millstone River confluence (02030105120140-01 and 02030105120160-01) were both designated as impaired for water supply due to benzene. Assessment for both units was based on data from the Raritan River at Queens Bridge (01403300). The former American Cyanamid Superfund site is located along the banks of the Raritan River a short distance upstream of the Queens Bridge sampling location. Lagoons on the site contain a number of VOCs, including extremely high concentrations of benzene. Benzene concentrations of 20 ppm (20,000 µg/L) have been measured in the Raritan River at the immediate point of seepage discharge. While remediation efforts have been instituted, SRVSA notes that the source has not been removed. Given the location and characteristics of this Superfund site, why would NJDEP designate the source of benzene contamination as “Source Unknown?” In addition, why is this designated as a low priority for NJDEP? (SRVSA)

**Response:** Appendix B: Sources of Parameters Causing Use Impairment (Sublists 4 and 5) has been corrected to show Cercla NPL (Superfund) Sites as the source of benzene exceedances in 02030105120140-01 Raritan R Lwr (I-287 Piscatway-Millstone) and 02030105120160-01 Raritan R Lwr (MileRun to I-287 Pisctwy). While we agree that the environmental clean-up of the site is a high priority, it is not a high priority for development

of a TMDL since the contamination is already being addressed through the site remediation process.

65. **Comment:** The commenter notes that Cranbury Brook (below NJ Turnpike) (02030105100090-01) is incorrectly listed as located in WMA 8, when it is actually in WMA10. This error is located in “Appendix B: 2014 Draft 303(d) List of Water Quality Limited Waters with Sublist 5 Subpart and Priority Ranking for TMDL Development,” “Appendix B: 2014 Two-Year TMDL Schedule,” and “Appendix B: Sources of Parameters Causing Use Impairment (Sublists 4 and 5).” (RH)

**Response:** The commenter is correct and all three tables have been revised to show that the 02030105100090-01 Cranbury Brook (below NJ Turnpike) is located within WMA 10.

66. **Comment:** Appendix B: Sources of Parameters Causing Use Impairment identifies Industrial Point Source Discharge as a source for phosphorus in Passaic River Upper (above Osborn Mills). The commenter is unaware of any such point source discharges within this AU, and did not see any potential phosphorus point source dischargers on NJ GeoWeb, using a query for NJPDES discharge points – surface water. (GSWA)

**Response:** We agree with the commenter and the table has been corrected to show “Urban Runoff/Storm Sewers” as the source of total phosphorus exceedances in 02030103010010-01 Passaic R Upr (above Osborn Mills).

67. **Comment:** The majority of the assessment units provided in the 2-year schedule are included in the non-tidal Raritan River TMDLs which have already been submitted to EPA for review. Additional waters should be included beyond those already identified on the schedule. Also, the assessment unit Cranbury Brook (below NJ Turnpike) (NJ02030105110050) is included, presumably because it is included as part of the non-tidal Raritan River TMDLs. However, it is not covered under NJDEP’s non-tidal Raritan River TMDL submittal and should not be included on this list; it should remain in category 5 and given a new priority for TMDL development. (USEPA)

**Response:** Dissolved oxygen for AU, 02030105100090-01 Cranbury Brook (below NJ Turnpike), was added to the draft 2014 303(d) List in error. Based on information from the USEPA-approved Raritan TMDL, wastewater discharged from the Princeton Meadows STP is impacting the downstream AU, 02030105100060-01 Millstone R (Cranbury Bk to Rock Bk), which was added to the final 2014 303(d) List for Dissolved Oxygen (DO). DO in 02030105100090-01 Cranbury Brook (below NJ Turnpike) was removed from the final 2014 303(d) List (Appendix B).

68. **Comment:** Assessment Units 02030105110030-01, 02030105110110-01, 02030105110140-01 and 02030105110170-01 of the lower Millstone River, which extend from Carnegie Lake to the Raritan River, are designated in the Draft 2014 303(d) List as impaired by phosphorus. The Phase II Raritan River Basin Nutrient TMDL Study (Kleinfelder/Omni, 2013) shows the diurnal monitoring performed in the lower Millstone River. This report was approved by NJDEP and forms the technical basis for the Raritan River Basin TMDL. The Department

concluded with the conclusions of both the phosphorus evaluation study and the TMDL study that the instream phosphorus criterion of 0.1 mg/L does not apply to the lower Millstone River because the narrative nutrient criteria are satisfied. (MT, RVRSA)

69. **Comment:** The lower Millstone River from Beden Brook to Heathcote Brook (02030105110030-01) is designated as impaired by pH, dissolved oxygen, and temperature. The diurnal data (Millstone/Raritan Phosphorus Evaluation Study, 2004, pages B1 to B-4) clearly demonstrate that this segment is not impaired by pH. The levels of pH are closer to 6.5 than 8.5 s.u. and this appears to be a natural condition. Appendix Q of the Raritan TMDL Technical Report recommends that NJDEP delist this segment for pH based on data at site M4. (MT, RVRSA)
70. **Comment:** The lower Millstone River from Beden Brook to Heathcote Brook (02030105110030-01) is designated as impaired by pH, dissolved oxygen, and temperature. Appendix B of the Integrated Report identifies “Municipal Point Source Discharges” as a source of impairment for DO, pH and temperature. The commenters disagree with this source, and assert that this segment of the lower Millstone River is naturally low in DO due to the deep sediment muck that accumulates due to the flatness of the channel and that imposes a significant oxygen demand. Furthermore, productivity is very low, making it impossible for the low DO to be the result of nutrient impacts. Montgomery Township Stage II treatment plant data show that the plant supplies oxygen well in excess of the minimum DO criterion of 4.0 mg/L, and also pH and temperature that meet criteria at end of pipe, and is therefore not a source of DO, pH or temperature impairments in the lower Millstone River. (MT, RVRSA)

**Response to Comments 68 thru 70:** The Raritan River TMDL (formally referred to as “Total Maximum Daily Load for the Non-Tidal Raritan River Basin Addressing Total Phosphorus, Dissolved Oxygen, pH and Total Suspended Solids Impairments for Watershed Management Areas 8, 9 and 10”) approved by USEPA and adopted by the Department did not address TP in AUs 02030105110030-01, 02030105110110-01, 02030105110140-01 and 02030105110170-01. Table 2 of the adopted TMDL shows these AU/pollutant combinations as “deferred” (see the Department’s TMDL website at [http://www.nj.gov/dep/wms/bears/docs/raritan\\_tmdl\\_adopted.pdf](http://www.nj.gov/dep/wms/bears/docs/raritan_tmdl_adopted.pdf)); therefore, TP in these AUs will remain on the 303(d) List until additional TMDL work is completed that indicates otherwise. Similarly, the adopted TMDL did not make a determination regarding whether pH, DO or temperature in these AUs are naturally-occurring. The Department will be developing a more thorough analysis and report addressing these parameters in the Lower Millstone River and the downstream Raritan River in a future TMDL.

As stated in response to Comment #27, the Department’s water quality assessment process attempts to distinguish between natural and anthropogenic causes of impairment; however, sufficient information on causes and sources of impairment is not always available for a given assessment cycle and may require additional data collection and analysis in future cycles. Both natural and anthropogenic sources (e.g. sedimentation from TSS runoff), along with other causes, may be the cause of low DO in the Lower Millstone River, however, sufficient information was not available to make such determinations on the 2014 303(d) List.



### **TMDL Priority and Two-Year TMDL Schedule**

71. **Comment:** Appendix B: Sources of Parameters Causing Use Impairments (Sublists 4 & 5) notes that the Great Swamp Branch (WMA 14) is impaired for dissolved oxygen, temperature, pH, nitrate, arsenic and E. Coli. The Pinelands Commission states, “Great Swamp Branch was clearly the most degraded stream sampled during the 3-year period..... Median calcium, magnesium, sulfate, and nitrite plus nitrate concentrations were the highest reported for the Mullica River Basin.” Given that the Great Swamp Branch is located within the Pinelands and the Pinelands National Reserve was recognized as an area of National significance by the U.S. Department of Interior, it would seem appropriate that these impacted streams be placed on the 2014 Two-Year TMDL Schedule (Appendix B). (PPA)

**Response:** A TMDL may not be the best tool to address these types of sources/pollutants in the Great Swamp Branch. As described in Appendix G, “New Jersey’s Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program”, the Department recognizes watershed restoration plans (WRPs) as alternative tools for water quality restoration when the predominant source of impairment is nonpoint source pollution/stormwater. As explained in response to Comments #59 and 60, while the Department is still required to place such AU/pollutant combinations on the 303(d) List as needing a TMDL, we consider them a low priority for TMDL development since the causes of impairment are better addressed by a WRP. The Department believes that the Great Swamp Branch would be an ideal candidate for development of a WRP, which would identify projects to address the impairments caused by NPS and stormwater runoff in the entire watershed. The Department encourages the Pinelands Commission or other appropriate entity to seek funding for WRP development under the next nonpoint source restoration grants funding cycle or through other funds that become available for watershed restoration and/or NPS pollution control. (Additional information on WRP funding is provided on the Department’s Nonpoint Source Management Grant Program website at [http://www.state.nj.us/dep/wms/bears/319\\_grant\\_program.htm](http://www.state.nj.us/dep/wms/bears/319_grant_program.htm).)

72. **Comment:** For several listing cycles, NJDEP identified a large number of high priority waters on its two-year schedule for TMDL development. The commenters strongly encourage NJDEP to complete these TMDLs and submit them to USEPA before the next listing cycle. (USEPA, COA, AL1)

**Response:** In prior Integrated Reports, the Two-Year Schedule for TMDL Development included all AU/pollutant combinations on the 303(d) List that were considered to be a high priority for TMDL development based on a variety of factors articulated in the corresponding Methods Document. Despite their high priority rank, few of these TMDLs were completed within the expected timeframe due to the complexity of the water quality issues, the vast amount of data and modeling required to develop effective TMDLs, and the limited amount of staff and financial resources available. For instance, the Passaic and Raritan TMDLs each required a comprehensive, regional, multi-parameter water quality study state-of-the-art modeling that was highly complex and involved an extensive peer review and stakeholder process. USEPA participated in this process and was advised of our progress as we moved

towards completion of these TMDLs, which now address nutrient impairment in a large portion of New Jersey's waters.

USEPA has since advised the Department that the Two-Year TMDL Schedule should include only those TMDLs that can actually be completed prior to the next listing cycle. To that end, the Two-Year Schedule for TMDL Development in the 2014 Integrated Report includes only those impairments for which TMDLs are already under development and are expected to be completed before the 2016 Integrated Report is approved by USEPA. Future Two-Year TMDL Schedules may also include fewer TMDLs as alternatives restoration measures are explored in accordance with USEPA's new "Long-Term Vision for Assessment, Restoration and Protection under the Clean Water Act Section 303(d) Program" (see response to Comment #1).

73. **Comment:** Thus far, NJDEP has identified priority waters in the Raritan and Barnegat Bay watersheds for TMDLs and protection plans, areas in which the majority of planning work has already been completed. In addition, the category 5R of the list identifies 72 assessment unit/pollutant combinations where Section 319 watershed plans have already been completed. We therefore ask that NJDEP submit additional priorities for TMDL development or alternative control restoration strategies and engage the public in identifying these priorities. Specifically, we strongly suggest that NJDEP list the New York-New Jersey Harbor as a priority. Areas of the Harbor are impaired with respect to nutrient, pathogen and toxic pollutants. As you know, EPA, with the support of New York and New Jersey, have invested a significant amount of resources in developing preliminary TMDL analyses for reducing these contaminants and there is significant stakeholder interest in moving forward with actions to address water pollution in the Harbor. We are committed to working with New York and New Jersey to develop a bi-state strategy to restore water quality in the New York-New Jersey Harbor and expect that NJDEP shares this important goal. (USEPA)

**Response:** As explained in response to comment #72, the 2014 Two-Year TMDL Schedule was developed in response to USEPA's directive to only include TMDLs on this schedule that can reasonably be expected to be completed prior to the 2016 listing cycle. Therefore, this schedule includes only those impairments for which TMDLs are already under development and are expected to be completed before the 2016 Integrated Report is approved by USEPA. The Department's prioritization of the Atlantic Coastal Water Region for the 2014 Integrated Report was based on the Department's shift to the comprehensive regional assessment approach introduced in the 2014 cycle, in part to take advantage of the significant efforts dedicated to the Barnegat Bay under Governor Christie's Action Plan and the large amount of data generated by the intensive monitoring conducted by the Department and the Barnegat Bay Partnership. The Department's prioritization of the Raritan Water Region for the 2016 Integrated Report was similarly based on the efforts already underway and the data generated for development of the Raritan TMDL.

USEPA's new "vision" for the 303(d) process affords states the flexibility needed to align existing programs and work within their current regulatory framework and to achieve water quality objectives with an emphasis on results achieved through both restoration and protection efforts. Accordingly, the Department will continue to work with all of our

partners, including USEPA, to identify and prioritize water quality restoration efforts based on the needs and issues specific to New Jersey (see response to Comment #1).

While the regulatory authority to propose and adopt a TMDL for the New Jersey waters of the NY/NJ Harbor Estuary remains with the Department, the Department does not have primary responsibility for TMDL development in interstate waters. The Department is not the lead agency for the NY/NJ Harbor Estuary Program (HEP), which was reassigned by USEPA to the Hudson River Foundation, and cannot proceed with TMDL development independent of the HEP's technical workgroup, which has only recently reconvened. In the meantime, the Department is actively implementing other water quality restoration measures in the New Jersey waters of the NY/NJ Harbor Estuary through issuance of NJPDES permits and funding of green infrastructure restoration projects that address stormwater and CSOs that discharge to the Harbor. The Department is committed to working with USEPA, New York City and State, the Hudson River Foundation and other partners to pursue a bi-state strategy to addressing impairment of the NY/NJ Harbor Estuary; however, New Jersey cannot commit to a timeline for TMDL development in the Harbor for a process that requires consensus among all major partners. More information about the programs and actions being implemented collectively through HEP can be found on its website at <http://www.harborestuary.org>.

74. **Comment:** Are there time limits that AUs can be on Sublist 4? How is Sublist 4 prioritized with respect to the 303d list for additional action? (BBP)

**Response:** All waters on Sublist 4 of the final 2014 Integrated List are on Sublist 4A, which means that they are covered by a USEPA-approved TMDL. These waters will remain on Sublist 4A until data is available showing that applicable SWQS are attained and fully supporting the applicable designated use(s). There is no time limit on how long a waterbody may remain on Sublist 4A. There is no prioritization process for waters on Sublist 4A since TMDLs are already being implemented through the permitting of point source dischargers that should result in water quality restoration as described in the TMDL implementation plan. Additionally, the implementation of TMDLs remain a priority for nonpoint source restoration grant approvals to address nonpoint pollutants as identified in the request for proposals found on the Department's website, [http://www.state.nj.us/dep/wms/bears/319\\_grant\\_program.htm](http://www.state.nj.us/dep/wms/bears/319_grant_program.htm).

#### **Source(s) of Parameter(s) Causing Use Impairment (Sublists 4 and 5)**

75. **Comment:** Appendix B: Sources of Parameters Causing Use Impairment (Sublists 4 and 5) shows the Metedeconk River being listed 8 times for Arsenic. What is the reason that upstream areas have sources from Agricultural, Urban Runoff/Storm Sewers, and Industrial Point Source Discharge while areas downstream of these are listed as Natural Sources (Please see the following table with AUs going from the headwaters to Beaverdam/confluence)? Is it possible that all areas could be Natural? Is there numerical data supporting the Industrial Discharge for AU 02040301020010-01? Is there definite numerical data that supports Agriculture and Urban Runoff/Storm Sewers as the source for AUs 02040301030010-01, 02040301030030-01 and 02040301020050-01? Are these assumptions based on land-use maps without appropriate data? (BTMUA)

Assessment Unit Number	Assessment Unit Name	Source	Appendix B Page	Appendix B Page Row
02040301030010-01	Metedeconk R SB 74d19m15s to I-195 exit 21 rd	Agriculture and Urban Runoff/Storm Sewers	72 of 163	9
02040301030020-01	Metedeconk R SB 74d19m15s to I-195 X21	Natural Sources	72 of 163	5
02040301030030-01	Metedeconk R SB Bennetts Pond to 74d19m15s	Urban Runoff/Storm Sewers and Agriculture	72 of 163	10
02040301030040-01	Metedeconk R SB Rt 9 to Bennetts Pond	Natural Sources	73 of 163	6
02040301030050-01	Metedeconk R SB Confluence to Rt 9	Natural Sources	73 of 163	2
02040301020010-01	Metedeconk R NB above I-195	Industrial Point Source Discharge	71 of 163	7
02040301020050-01	Metedeconk R NB confluence to Rt 9	Urban Runoff/Storm Sewers	72 of 163	2
02040301040020-01	Metedeconk R Beaverdam to confl	Natural Sources	70 of 163	17

**Response:** All of the sources in Appendix B: Sources of Parameters Causing Use Impairment table are preliminary and based on GIS coverages such as land use, dischargers, and remediation sites. A more detailed analysis of sources will be conducted when a TMDL or Watershed Restoration Plan is developed. Several of the AUs were found to have arsenic concentrations below natural levels, while the other AUs had concentrations above natural levels and possible sources have been included in addition to natural sources. The table has been corrected to show the following sources.

Assessment Unit Number	Assessment Unit Name	Parameter	Source	Page Number
02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Arsenic	Natural Sources, Agriculture and Urban Runoff/Storm Sewers	52
02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Arsenic	Natural Sources	52
02040301030030-01	Metedeconk R SB (Bennetts Pond to 74d19m15s )	Arsenic	Natural Sources, Urban Runoff/Storm Sewers and Agriculture	52
02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Arsenic	Natural Sources	53
02040301030050-01	Metedeconk R SB (Confluence to Rt 9)	Arsenic	Natural Sources	53
02040301020010-01	Metedeconk R NB (above I-195)	Arsenic	Natural Sources, Industrial Point Source Discharge	52
02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Arsenic	Natural Sources, Urban Runoff/Storm Sewers	52
02040301040020-01	Metedeconk R (Beaverdam to confl)	Arsenic	Natural Sources	51

CAUSES REMOVED FROM SUBLISTS 4 OR 5

### Causes Removed from Sublist 4

76. **Comment:** Assessment unit/pollutant combinations on Sublist 4A were placed into this category because those impairments were addressed by a TMDL. During the TMDL process, the impairment status of these waterbody/pollutant combinations was confirmed through water quality modeling and/or monitoring data. At the time of TMDL development there was sufficient information not only to confirm the impairment status of these waters, but to determine the waterbody’s assimilative capacity and loading calculations to meet water quality standards. NJDEP is now claiming that, in light of a new assessment method, there is insufficient information to determine the attainment status of many of these waters. Because there is an applicable TMDL in place, removing these waters from Category 4A will be confusing to the public and the permitting authority. To ensure that these TMDLs continue to be implemented, these waters should remain on Sublist 4A and NJDEP should continue to monitor these waters based on the new method until sufficient data indicates attainment status of these waters. If a water was placed on the 303(d) list, a TMDL was developed, and subsequent information indicate that the water was then (at the time it was placed on the list), and is now, attaining water quality standards, the TMDL should be withdrawn and the water should be placed onto Sublist 1. (USEPA)

**Response:** Thirty-seven of the AUs proposed for delisting from Sublist 4A for fecal coliform are administrative corrections. In the early 2000’s, when TMDLs were developed to address fecal coliform on the 303(d) List, the Department’s practice was to place all AUs upstream of an impaired AU on Sublist 4A although some AUs had no fecal coliform data and were not covered by the downstream fecal coliform TMDL. This practice has since been refined to list only AUs with sufficient data to confirm impairment and to only place such AUs on Sublist 4A when they are explicitly covered by a USEPA-approved TMDL. Since there is insufficient or no data to confirm fecal coliform impairment in these AUs and they are not covered by a TMDL, these AU/pollutant combinations were removed from Sublist 4A and moved to Sublist 3. These AUs have also been prioritized for future sampling to generate sufficient data to determine recreational use attainment. Any AUs that are covered by a USEPA-approved TMDL remain on Sublist 4A. See table below for AUs removed from Sublist 4A based on insufficient data.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Fecal Coliform
02	02020007010060-01	Beaver Run	Fecal Coliform
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Fecal Coliform
08	02030105050060-01	Cold Brook	Fecal Coliform
17	02040206060010-01	Cool Run	Fecal Coliform
03	02030103100060-01	Crystal Lake/Pond Brook	Fecal Coliform
09	02030105120070-01	Cuckels Brook	Fecal Coliform
06	02030103010080-01	Dead River (above Harrisons Brook)	Fecal Coliform

01	02040105090050-01	Furnace Brook	Fecal Coliform
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Fecal Coliform
06	02030103010090-01	Harrisons Brook	Fecal Coliform
06	02030103030100-01	Hibernia Brook	Fecal Coliform
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Fecal Coliform
01	02040105040040-01	Lafayette Swamp tribs	Fecal Coliform
01	02040105040030-01	Lake Kemah tribs	Fecal Coliform
03	02030103100020-01	Masonicus Brook	Fecal Coliform
01	02040105150090-01	Mine Brook (Morris Co)	Fecal Coliform
01	02040105090040-01	Mountain Lake Brook	Fecal Coliform
07	02030104050050-01	Nomahegan Brook	Fecal Coliform
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Fecal Coliform
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Fecal Coliform
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Fecal Coliform
11	02040105240040-01	Pond Run	Fecal Coliform
02	02020007030020-01	Quarryville Brook	Fecal Coliform
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Fecal Coliform
18	02040202150030-01	Raccoon Ck SB	Fecal Coliform
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Fecal Coliform
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Fecal Coliform
06	02030103030010-01	Russia Brook (above Milton)	Fecal Coliform
06	02030103030020-01	Russia Brook (below Milton)	Fecal Coliform
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Fecal Coliform
08	02030105030020-01	Second Neshanic River	Fecal Coliform
01	02040105040050-01	Sparta Junction tribs	Fecal Coliform
10	02030105090090-01	Stony Bk- Princeton drainage	Fecal Coliform
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Fecal Coliform
01	02040105030030-01	Trout Brook	Fecal Coliform
01	02040105050040-01	Yards Creek	Fecal Coliform

**Causes Removed from Sublist 5/2014 Draft Delisted Waters**

77. **Comment:** Did the NJDEP delist or not list any waterbody/pollutant combinations and place these waterbody/pollutant combinations into category 4B or 4C? If so, please provide the waterbody/pollutant combination and the delisting justification. (USEPA)

**Response:** No waterbody/pollutant combinations were delisted from the 303(d) List and placed in category 4B or 4C. Sublist 4 only has sublist category 4A.

78. **Comment:** Did the NJDEP delist any waters because the applicable narrative nutrient criteria was met? (USEPA)

**Response:** No waterbodies/parameters were delisted because the applicable narrative nutrient criteria was met. The narrative nutrient criteria were not applied to any waters since translators have not been developed to interpret the data.

79. **Comment:** Did the NJDEP de-list any waters because the natural condition was met even though the water exceeded the applicable numeric water quality criteria? (USEPA)

**Response:** No waterbodies/parameters were delisted because natural conditions were met and the applicable numeric criteria was exceeded. However, a number of waterbodies were not placed on the 303(d) List for pH due to natural conditions although the criteria was exceeded. These situations are described in Appendix D: Justification for pH Not Listed Due to Natural Conditions.

80. **Comment:** The Integrated Report states the following: “Delisted based on administrative correction or assessment methods change.” (Page 28, Footnote #5) These two potential reasons for the delisting should be separated out, so the reader knows which parameters are being delisted due to changes in the assessment methodology vs ones being delisted due to the administrative correction. Table 7.2 in the “Methodology” lists the delisting codes and associated reasons for delisting. For consistency reasons, this table could also be incorporated into the IR document and the same numbers could be used for different scenario. (USEPA)

81. **Comment:** Over 125 AU/pollutant combinations were delisted from the 2014 303(d) List. Fifty-nine of the delistings were due to administrative correction or assessment methods changes; fifty-six of the delistings were because of attainment of applicable water quality standards; and eleven of the delistings were due to the approval of a TMDL. DEP should clarify what it means by “administrative correction or assessment methods changes” and should specify in each case what exactly is the correction or assessment methods change that prompted each delisting. Additionally, where DEP provides that AU/pollutant combinations were delisted because the “original basis for listing was incorrect,” DEP should explain what this means and how the original basis was incorrect. (AL1)

**Response for 80 and 81:** This comment refers to Table 2.1.A “2014 Sublist 5/303(d) New Listings and Delistings” (see page 30 in the final 2014 Integrated Report), which provides a numeric breakdown of new listings and delistings for the 2014 cycle. Detailed descriptions for the delistings are provided in Appendix C: 2014 Final Causes Removed from Sublist 5/303(d) List (Delisted Waters).

82. **Comment:** Please provide delisting justifications for the following waterbody/pollutant combinations that are removed from the 2014 list and justifications were not provided in Appendix C of the Integrated Report. (USEPA)

Waterbody/Pollutant combinations removed from 2012 list but not included in Appendix C		
AU ID	AU Name	Cause
2030104060040	Chingarora Creek to Thorns Creek	Cause Unknown
2040301160090	Clark Branch (above/incl Price Branch)	Cause Unknown
2020007020060	Clove Brook (Papakating Ck)	Cause Unknown
2040105040010	Culvers Creek	Cause Unknown
2030105120040	Green Bk (Bound Bk to N Plainfield gage)	Cause Unknown
2040202030090	Greenwood Br (below CountryLk & MM confl)	Cause Unknown
2040301080070	Jakes Branch (Lower Toms River)	Cause Unknown
2040301170100	Landing Creek (above Rt 563)	Cause Unknown
2030105130060	Lawrence Bk (Milltown to Church Lane)	Cause Unknown
2030103010040	Loantaka Brook	Cause Unknown
2040105160010	Musconetcong R (Hances Bk thru Trout Bk)	Cause Unknown
2040105150100	Musconetcong R (Trout Bk to SaxtonFalls)	Cause Unknown
2040105050050	Paulins Kill (below Blairstown gage)	Cause Unknown
2040105040090	Paulins Kill (Stillwater Vil to PK Lake)	Cause Unknown
2030103030030	Rockaway R (above Longwood Lake outlet)	Cause Unknown
2030103140040	Saddle River (above Ridgewood gage)	Cause Unknown
2020007030010	Wallkill R (41d13m30s to Martins Road)	Cause Unknown
Delaware 18	Delaware River 5A	DDT in Fish Tissue
2040301080060	Toms River Lwr (below Rt 166)	DDT in Fish Tissue
Delaware 18	Delaware River 5A	Mercury in Fish Tissue
2040301080090	Toms River Lwr (below Rt 166)	Mercury in Fish Tissue
2040301080090	Toms River Lwr (below Rt 166)	PCB in Fish Tissue

**Response:** As shown below, most of the changes to the 303(d) List cited in the comment were actually replacements of “Cause Unknown” with a chemical pollutant as the cause of the aquatic life use non-support. A biological impairment still exists but, according to the Methods Document, “Cause Unknown” is only placed on the 303(d) List when there is no chemical data showing exceedance of the applicable aquatic life use criteria. Since these were not actual “delistings”, they were not included in Appendix C. We anticipate changing the assessment methods for the 2016 Integrated Report to include both chemical exceedances and biological impairment as causes of aquatic life use non-support, as applicable.

Assessment Unit Number	Assessment Unit Name	Original Parameter (2012)	New Parameter (2014)	Original Listing Station	New Listing Station
02030104060040-01	Chingarora Creek to Thorns Creek	Cause Unknown	Oxygen, Dissolved	AN0459	MCHD-36
02040301160090-01	Clark Branch (above/incl Price Branch)	Cause Unknown	Oxygen, Dissolved	AN0567	0140940480
02020007020060-01	Clove Brook (Papakating Ck)	Cause Unknown	Temperature, Water	AN0309	AN0308
02040105040010-01	Culvers Creek	Cause Unknown	Temperature, Water	AN0017	BFBM000126
02030105120040-01	Green Bk (Bound Bk	Cause	pH	AN0423	01403470



	to N Plainfield gage)	Unknown			
02040202030090-01	Greenwood Br(below CountryLk & MM confl)	Cause Unknown	pH	AN0148	01466900
02040301080070-01	Jakes Branch (Lower Toms River)	Cause Unknown	Oxygen, Dissolved	AN0543	BT05
02040301170100-01	Landing Creek (above Rt 563)	Cause Unknown	pH	AN0590	01409571
02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Cause Unknown	Phosphorus (Total)	AN0434	Farrington Lake-09
02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Cause Unknown	Temperature, Water	AN0070	01456210
02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Cause Unknown	pH	AN0068	GDU1/SDU1
02040105050050-01	Paulins Kill (below Blairstown gage)	Cause Unknown	Temperature, Water	AN0032A	DRBCNJ0036
02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Cause Unknown	Temperature, Water	AN0022	01443500
02030103030030-01	Rockaway R (above Longwood Lake outlet)	Cause Unknown	pH	AN0240	Sun Air Campground
02030103140040-01	Saddle River (above Ridgewood gage)	Cause Unknown	pH	AN0281	01390500
02020007030010-01	Wallkill R(41d13m30s to Martins Road)	Cause Unknown	Total Suspended Solids (TSS)	AN0302	01367770

The only exception to the “cause unknown” delistings was Loantaka Brook that was not a delisting and was returned to the 303(d) List.

Assessment Unit Number	Assessment Unit Name	Original Parameter (2012)	Justification
02030103010040-01	Loantaka Brook	Cause Unknown	Not a delisting, added to 303(d) List

The final five questionable delisting are addressed in the table below:

Assessment Unit Number	Assessment Unit Name	Original Parameter (2012)	Justification
Delaware River 5A	Delaware River 5A	DDT and its metabolites in Fish Tissue, Mercury in Fish Tissue	These AU/pollutant combinations were not included in Appendix C because these pollutants were not delisted; however, the boundaries of the Delaware River AUs were changed in 2014 and these listings are now associated with new AU Delaware River Zone 5.
02040301080090-01	Toms River Lwr (below Rt 166)	DDT in Fish Tissue, Mercury in Fish Tissue, PCB in Fish Tissue	These AU/pollutant combinations were not included in Appendix C because these pollutants were not delisted; however, the boundaries of the Barnegat Bay AUs were

			changed in 2014 and these listings are now associated with new AU BarnegatBay04 Toms R Estuary.
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83. **Comment:** Cakepoulin Creek (NJ02030105020060-01) - DDT and metabolites in Fish Tissue” is being proposed for delisting into category 4B (other pollution control requirements) with the only explanation being, “remediation at contaminated site.” Until the NJDEP provides sufficient justification and a demonstration that supports the NJDEPs conclusion that there are “other pollution control requirements” sufficiently stringent to achieve applicable water quality standards within a reasonable period of time, this waterbody/pollutant combination must remain on NJ’s 303(d) list. Specifically, the rationale must include at a minimum: a statement of the problem causing the impairment, a description of the proposed implementation strategy and supporting pollution controls necessary to achieve water quality standards, including the identification of point and nonpoint source loadings that when implemented assure the attainment of all applicable water quality standards, an estimate or projection of time when water quality standards will be met, a reasonable schedule for implementing the necessary pollution controls, a description of, and schedule for, monitoring milestones for tracking and reporting progress to EPA on the implementation of the pollution controls, and a commitment to revise as necessary the implementation strategy and corresponding pollution controls if progress towards meeting water quality standards is not being shown. (USEPA)

**Response:** This delisting was in error. DDT and metabolites in fish tissue in Cakepoulin Creek (02030105020060-01) was returned to the final 2014 303(d) List.

84. **Comment:** “Cox Hall Creek/Mickels Run (to Villas) (NJ02040206230060-01)- Enterococcus” is being proposed for delisting and the reason is “Applicable WQS attained; reason for recovery unspecified” with the explanation of, “No longer a monitored beach....” If there is no new data within the assessment unit to assess and the NJDEP decides to use adjacent monitoring stations to assess an unmonitored assessment unit, then this waterbody should be placed into the insufficient information category until the NJDEP can monitor this assessment unit. (USEPA)

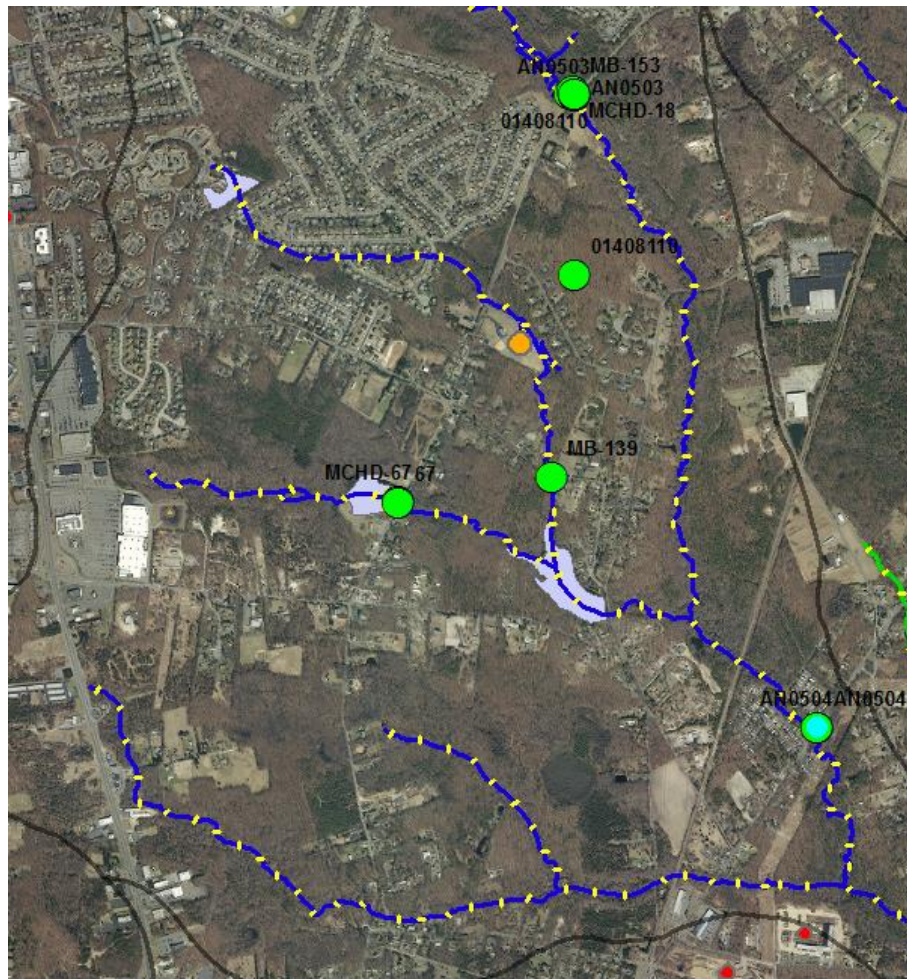
**Response:** Cox Hall Creek/Mickels Run (to Villas) (NJ02040206230060-01) has been placed on Sublist 3 for the Recreational Use based on two conditions. Although Station CC1147 is no longer monitored, data from other nearby beach monitoring stations meet the applicable WQS for enterococcus (see table below). This would normally place the AU on Sublist 2, however, as with all beaches along the Delaware Bay, the beaches previously associated with the land AUs are now associated with Delaware Bay Zone 6 (New Jersey portion). Therefore, Cox Hall Creek/Mickels Run is placed on Sublist 3 and Delaware Bay Zone 6 is placed on Sublist 2.

Recreation Designated Use Result		
Station Number	Name	Enterococci
CC1148	Cape May Point Borough at Brainard	Fully Attain

Recreation Designated Use Result		
Station Number	Name	Enterococci
CC1137	Cape May Point Borough at Sunset	Fully Attain
CC1173	Cape May Point Borough at Whildin	Fully Attain
CC1174	Cape May Point Borough at Ocean	Fully Attain

85. **Comment:** “Haystack Brook (NJ02040301020030-01)- Cause Unknown” is being proposed for delisting with the explanation of, “Trumped by more recent data at AN0504 that shows fully supporting for aquatic life.” Is station AN0504 within this assessment unit? (USEPA)

**Response:** This AU was originally listed based on biological data from Station MB-139 that was collected in the early 2000’s. More recent data from Station AN0504, which is located downstream in the same AU and was listed as impaired on the 2002 303(d) List, shows that biology is no longer impaired. The more recent data from the downstream station is more representative of overall water quality in this AU; therefore, it was assessed as fully supporting the aquatic life designated use.



86. **Comment:** “Manahawkin/LEH Bay (MillCrk-TurtleCove) - Oxygen, Dissolved” is being proposed for delisting with the explanation of, “Diurnal Data only available in 2007, low

reading appears to be instrument malfunction...” Please further explain what the NJDEP means by, “low reading appears to be instrument malfunction?” (USEPA)

**Response:** The continuous monitoring data at station MB was invalidated and not used for the 2014 assessment due to inadequate maintenance of the equipment and the absence of an approved QAPP. The 2007 diurnal data showed evidence of biofouling such as between 7/6/2007 to 7/11/2007 when dissolved oxygen levels fall below 2 mg/l for the entire period and then suddenly on 7/11/2007 at 10:00 am values jump from 1.6 mg/l to 6.4 mg/l at 10:15 am. Additional monitoring between 2008 to 2012 shows that all of the other sampling stations within the AU, including intensive sampling at stations BB10, BB11 and BB11a, fully attain for dissolved oxygen and are depicted in the table below:

Station	Total Samples	Total Attain	Total Exceedances	Comments
BB10	99	99	0	
BB11	39	39	0	
BB11a	52	52	0	
1675	7	6	1	
1683C	7	7	0	
1700A	10	9	1	
1703	8	7	1	
1703C	11	11	0	
1704	11	11	0	
1706	12	12	0	
1707C	12	11	1	
1712	8	8	0	
1718B	12	10	2	More recent data at nearby stations BB11 and BB11a show no exceedances.
1719E	10	10	0	
1721	12	11	1	
<b>Total</b>	<b>310</b>	<b>303</b>	<b>7</b>	

87. **Comment:** “Metedeconk R NB (Rt9 to I-195) (NJ02040301020020-01)- Arsenic” is being proposed for delisting with the explanation stating, “Unable to make an assessment and placed on Sublist 3.” However, the Delisting reason states, “Applicable WQS attained; original basis for listing was incorrect.” This waterbody/pollutant combination should be listed as, “Data and/or information lacking to determine WQ status; original basis for listing was incorrect.” (USEPA)

**Response:** The Department agrees with this comment and has revised Appendix C: 2014 Final Causes Removed from the Sublist 5/303(d) List (Delisted Waters) to show that Arsenic in 02040301020020-01 Metedeconk R NB(Rt 9 to I-195) was delisted because “Data and/or information lacking to determine WQ status”. The original listing was based Arsenic data from Station NK; however, as explained in Appendix C, NK does not represent this AU.

Station NK is associated with the upstream AU 02040301020010-01 Metedeconk R NB (above I-195), which on the 303(d) List for Arsenic.

88. **Comment:** “Mullica River (above Jackson Road) (NJ02040301160020-01) - Oxygen, Dissolved” is being proposed for delisting with the explanation stating, “Diurnal Data 2003-Meets criteria by low values....” Please explain “low values” and if the data show contravention of the criteria? (USEPA)

**Response:** The “low values” explanation was a note that this AU should be resampled in the future with continuous monitoring since although the criteria was not exceeded, the DO levels are a concern. The low values included DO levels below 4.25 mg/l but higher than 4.0 mg/l.

89. **Comment:** “Rahway River (below Robinsons Branch) (NJ02030104050100-01)- Oxygen Dissolved” is being proposed for delisting based on monitoring data from the New Jersey Harbor Dischargers Group (NJHDG). Recently EPA commented on NJHDG’s QAPP sampling plan to better understand if the NJHDG sampling plan is set up to ensure that its samples are capturing the critical DO time points. The NJHDG response was, “The NJHDG sampling plan is designed to capture long term trends in water quality, similar to the NYCDEP Survey. It is not designed to capture critical periods of low dissolved oxygen. The Dissolved Oxygen samples are collected at the same frequency as is the case for all of the other parameters. Because the NJHDG monitoring program was designed to collect ambient water quality data over long period of time (years), trends for all of the measured parameters (including DO) are being established that allow comparisons of the ranges of temperature, salinity, tidal conditions and weather patterns.” Thus this data was not necessarily collected during critical periods that would more accurately display the current dissolved oxygen status of this waterbody. NJHDG’s data appears to be more applicable for a long term assessment data set. Therefore, unless the NJDEP can provide further information that the data was sampled during a period of time that is capturing the critical DO time periods that will accurately characterize this assessment unit, this waterbody/pollutant combination should be on the 303(d) list. (USEPA)

**Response:** Data used for the Integrated Report is ambient data with an approved QAPP. Since routine monitoring data was deemed sufficient to support listing DO in this AU, including data collected under NJHDG’s Department-approved QAPP, then such data should also be sufficient to support delisting DO in this AU. This delisting decision is also supported by the 2014 Methods Document, which states that while the Department strives to get data from critical time period (i.e. before dawn), this is not always possible. The critical period for DO can only be captured by continuous monitors or very time specific intensive sampling, which is not routinely available due to cost, resource, and equipment constraints. If USEPA determines that the critical time period must be captured in order to accurately assess DO or any other physical or chemical parameter, then most of the waters of the State would have insufficient data to assess. If it is suspected that surface water quality criteria are being exceeded during certain critical periods, the Department will make every reasonable effort to monitor during those periods. In the meantime, if data meets the Method Document

requirements for quality, quantity, and duration then the Department will make a decision based on the available data.

90. **Comment:** “Raritan Bay (deep water) (NJ02030104910030-01) - Heptachlor epoxide”; is being proposed for delisting with the explanation of, “Administrative error, Raritan Bay should have never been listed in 2012.” The NJDEP needs to explain the Administrative error. What data is there to support this listing/delisting? (USEPA)
91. **Comment:** “Raritan Bay (west of Thorns Ck) (NJ02030104910010-01)- Heptachlor epoxide” is being proposed for delisting with the explanation of, “Administrative error, Raritan Bay should have never been listed in 2012.” The NJDEP needs to explain the Administrative error. Is there data to support this listing/delisting? (USEPA)

**Response to Comments 90 and 91:** As explained in response to Comment #15, the two Raritan Bay AUs, 2030104910030-01 Raritan Bay (Deep Water) and 02030104910010-01 Raritan Bay (west of Thorns Ck), were delisted from the 2014 303(d) List. An administrative mistake accidentally added the two AUs to the 303(d) List in 2012 although there was no new data or modeling results to support such listing. Consequently, these two AU/pollutant combinations were delisted in 2014 and moved from Sublist 5 to Sublist 2 based on the Contamination Assessment and Reduction Project (CARP) modeling that showed full support. (see Appendix C: 2014 Final Causes Removed from Sublist 5/303(d) List (Delisted Waters)).

92. **Comment:** A TMDL for the following delisted waterbody/pollutant combinations were not found. Please identify the TMDLs that cover the following waterbody/pollutant combinations:
- 02040202120030-01 Big Timber Creek SB (above Lakeland Rd) – TP
  - 02040105200010-01 Lockatong Ck(above Rt 12) – TP
  - 02040105200020-01 Lockatong Ck (Milltown to Rt 112) – TP
  - 02030103170010-01 Pascack Brook (above Westwood gage) – TP
  - 02030103170020-01 Pascack Brook (below Westwood gage) – TP
  - 02030104090040-01 Shark River (above Remsen Mill gage) – TP
  - 02030103170060-01 Hackensack River (Oradell to Old Tappan gage) E coli
  - 02030104070050-01 Mine Brook (Monmouth County) E coli (USEPA)

**Response:** The TMDLs are identified in the table below, along with links to the TMDL documents posted on the Department’s TMDL website.

Assessment Unit	AU Name	Parameter	TMDL	TMDL Number
02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	TP	<a href="#">Total Maximum Daily Loads for Phosphorus to Address 5 Stream Segments in the Lower Delaware Water Region</a>	12344
02040105200010-01	Lockatong Ck (above Rt 12)	TP	<a href="#">Total Maximum Daily Loads for Phosphorus to Address Seven (7) Stream Segments in the Northwest Water Region</a>	12369

02040105200020-01	Lockatong Ck (Milltown to Rt 12)	TP	<u>Total Maximum Daily Loads for Phosphorus to Address Seven (7) Stream Segments in the Northwest Water Region</u>	12369
02030103170010-01	Pascack Brook (above Westwood gage)	TP	<u>Total Maximum Daily Loads for Phosphorus to Address Three (3) Stream Segments in the Northeast Water Region</u>	12359
02030103170020-01	Pascack Brook (below Westwood gage)	TP	<u>Total Maximum Daily Loads for Phosphorus to Address Three (3) Stream Segments in the Northeast Water Region</u>	12359
02030104090040-01	Shark River (above Remsen Mill gage)	TP	<u>Total Maximum Daily Loads for Phosphorus to Address 3 Stream Segments in the Atlantic Coastal Water Region</u>	12329
02030103170060-01	Hackensack River (Oradell to Old Tappan gage)	E coli	<u>Total Maximum Daily Loads for Fecal Coliform to Address 32 Streams in the Northeast Water Region</u>	31394
02030104070050-01	Mine Brook (Monmouth County)	E coli	<u>Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12 Atlantic Coastal Water Region</u>	10544

93. **Comment:** Table 2.1A on NJDEP’s 2014 Draft Integrated Report with Appendices identifies 11 TMDL delisted waters, however, Appendix C: Causes Removed from the Sublist 5/303(d) List (Delisted Waters) only provides justification for 10 waterbody/pollutant combinations. The delisting document only provides justification for 2 Escherichia coli impaired waters in which it is covered by a TMDL. However, Table 2.1A identifies 3 Escherichia coli impaired waters that are being proposed for delisting based on a TMDL. The NJDEP needs to provide adequate justification for the additional proposed TMDL delisting. (USEPA)

**Response:** The Department did not find the discrepancy cited by the commenter. Both the draft and final versions of both documents cited show 11 new delistings based on an approved TMDL, including three for Escherichia coli, 02030103170060-01 Hackensack R (Oradell to Old Tappan gage), 02030104070050-01 Mine Brook (Monmouth Co), and 02030103070050-01 Wanaque Reservoir (below Monks gage) and 8 for Total Phosphorous. The explanation for each delisting is provided in Appendix C.

94. **Comment:** AU 02040301130090-01 Manahawkin/LEH Bay (MillCrk-TurtleCove) is included in Appendix C-Delisted Waters as attaining WQS standards for dissolved oxygen, with sufficient justification. It is unclear, however, how this translates into the current AUs for the Barnegat Bay watershed. There is no 2014 AU with that number or name, though it is close to AU Barnegat Bay08 in name. Please clarify this inconsistency. (BBP)

**Response:** Appendix C-Delisted Waters was updated to show that the AU, 02040301130090-01 Manahawkin/LEH Bay (MillCrk-TurtleCove), is now represented by BarnegatBay08 Manahawkin Bay and Upper Little Egg Harbor.

95. **Comment:** AU02040301020020-01 Metedeconk River NB is delisted for Arsenic with the justification that station NK does not represent the AU, but that station NG, within the AU, does. Furthermore, NG has over 50% censored data, so the Department is unable to make an assessment. This raises two questions. First, is NK not within the AU, and if it is not, why was it used to list the AU as “Not supporting” instead of “Insufficient data”? Second, if using NG leads to a determination that there are insufficient data, is the delisting reason

“Data and/or Information lacking to determine WQ status” instead of “Applicable WQS attained”? (BBP)

**Response:** Station NK is associated with the upstream AU 02040301020010-01 Metedeconk R NB (above I-195) that is listed on the 303(d) List for Arsenic. Appendix C-Delisted Waters was corrected to show that the reason for delisting arsenic in 02040301020020-01 Metedeconk River NB (Rt 9 to I-195) as “Data and/or information lacking to determine WQ status”. This AU remains on Sublist 5 for the aquatic life use based on macroinvertebrate data from AN0502, which shows that biology is impaired and Cause Unknown remains on the 303(d) List for this AU.

96. AU 02040301090010-01 Webbs Mill Branch is delisted for “Cause unknown” with the justification that there are no biological stations available in the AU. The delisting reason should be “Data and/or information lacking to determine WQ status”, not “Applicable WQS attained”. This is supported by Appendix D (decisions to not list causes), which identifies this AU parameter as Sublist 3. (BBP)

**Response:** Appendix C-Delisted Waters was updated to show the “Cause Unknown” delisting reason for 02040301090010-01 Webbs Mill Branch as “Data and/or information lacking to determine WQ status”.

97. **Comment:** The text in the PCB in Fish Tissue/Total Coliform section on Page 30 explains that, “Delistings of PCB in fish tissue are all based on refinement of the assessment method,” yet the refinements used for the delistings are not described. Similarly, all total coliform removals were the result of undescribed refinements to assessment methods. Additional language is needed to provide justification for delistings. (PPA)

**Response:** The rationale for the delistings of PCB in fish tissue is provided in Section 2.1 of the 2014 Integrated Report under “Fish Consumption”:

In 2014, the Department delisted PCB in fish tissue from all ocean waters. These waters were assessed as impaired based upon PCB body burdens in migratory fish, such as bluefish and striped bass, which are caught off the New Jersey coast. However, in view of the migratory nature of these fish and the distances they travel along the eastern coastal waters, and because it has not been established where along the eastern seaboard these fish acquired the contaminants, the Department will no longer assess the fish consumption use in New Jersey’s ocean waters based on PCB in fish tissue.

Total coliform delistings are also explained in Section 2.1 of the Integrated Report under “Shellfish”, which states “...some AUs previously assessed as not supporting due to administrative closures of shellfish waters were re-assessed as insufficient information because the closures were precautionary and not based on water quality data.”, as well as under Section 6.4 of the 2014 Methods Document:



Administrative closures of shellfish waters are established in restricted areas around potential pollution sources, such as sewage treatment plant outfalls, marinas, and outfalls as a preventive measure to avoid the harvest of shellfish that could become contaminated by sewage, boat wastes or stormwater runoff. Where shellfish harvest is special restricted or seasonal due to an administrative closure, such restricted areas are not based on water quality and are regarded as “insufficient information”.

98. **Comment:** Even though the intra-state waters of the Delaware River are assessed by the Delaware River Basin Commission (DRBC), if the NJDEP is making listing or delisting decisions based on DRBC’s assessment, the NJDEP needs to provide justification for the listing/delisting; simply stating “DRBC delisting” is not a sufficient explanation for delisting. Please provide an adequate justification for the delisting of the NJ Delaware river segments. (USEPA)

**Response:** The Department agrees that more detailed information must be provided for DRBC assessment decisions that result in the listing or delisting of parameters to the 303(d) List. This information will be provided in either Appendix B for new listings or Appendix C for delistings. For the 2014 Delisting Document, all of the chlordane and dieldrin fish tissue delistings for Delaware River and Bay have been placed back on the 303(d) List. The DRBC Integrated Report had listed fish advisories for these waters but did not identify the specific toxic parameter. All of these fish advisories are based on previous NJDEP data and do not reflect new listings, therefore, there are no changes to New Jersey’s 2014 303(d) List for fish consumption-related parameters since the 2012 303(d) List. There has been no recent fish tissue sampling in the Delaware River and Bay. The following AU/pollutant combinations were returned to the final 2014 303(d) List:

Assessment Unit Number	Assessment Unit Name	Parameter
DELAWARE RIVER 2	Delaware River 1C	Chlordane in Fish Tissue
DELAWARE RIVER 8	Delaware River 1D	Chlordane in Fish Tissue
DELAWARE RIVER 14	Delaware River 1E	Chlordane in Fish Tissue
DELAWARE RIVER 15	Delaware River 2	Chlordane in Fish Tissue
DELAWARE RIVER 15	Delaware River 2	Dieldrin
DELAWARE RIVER 16	Delaware River 3	Chlordane in Fish Tissue
DELAWARE RIVER 16	Delaware River 3	Dieldrin
DELAWARE RIVER 17	Delaware River 4	Chlordane in Fish Tissue
DELAWARE RIVER 17	Delaware River 4	Dieldrin
DELAWARE RIVER 18	Delaware River 5A	Chlordane in Fish Tissue
DELAWARE RIVER 18	Delaware River 5A	Dieldrin
DELAWARE RIVER 6	Delaware Bay Zone 6 (New Jersey portion)	Chlordane in Fish Tissue
DELAWARE RIVER 6	Delaware Bay Zone 6 (New Jersey portion)	Dieldrin

CAUSES NOT ADDED TO SUBLIST 5/303(d)

**2014 Draft Decisions to Not List**

99. **Comment:** Barnegat Bay Central East (BarnegatBay06): DO: The NJDEP is proposing to not list this segment based on “24-hour average above 5mg/l during all 4 days of both intensive sampling events during summer period.” Do other data sets collected within the data solicitation period exceed the DO criteria for this assessment unit? Did the data collected during all 4 days of both intensive summer sampling events exceed the DO criteria of not less than 4.0 mg/l at any time? If so, Barnegat Central East for Oxygen, Dissolved needs to be added to the 303(d) list. (USEPA)

**Response:** BarnegatBay06 - Barnegat Bay Central East was assessed based on DO data collected at seven stations: BB06, BB08, 1645G, 1651D, 1661F, 1688B, and 1691E over a five-year period. A majority of the data was collected at Stations BB06 and BB08 with 2 of 91 samples at Station BB08 exceeding the DO criterion. However, when assessing the data collected from all seven stations, only three out of 270 samples exceeded the applicable DO criterion. In addition, more recent intensive monitoring data was collected over three consecutive days at Station BB08 capturing the critical time period (before dawn) and the critical season (summer). The 24-hour average DO during all four days of both sets of intensive sampling was above 5 mg/l, indicating full attainment of the applicable water quality criterion over the critical time period. Therefore, the data did not support listing this AU as impaired for DO.

100. **Comment:** Forked River (below NB incl Mid/South Br) (NJ02040301110030-01) - pH: This waterbody/pollutant combination is listed in the “draft decision to not list appendix” on pages 4 and 5. First on page 4 it is noted that only 16 out of 49 exceedances and then on page 5 it is noted that there are 38 out of 41 exceedances. Please revise. (USEPA)

**Response:** Appendix D: Final Decisions to Not list Causes on the 2014 303(d) List correctly shows that 02040301110030-01 Forked River (below NB incl Mid/South Br) was not listed for pH because low pH values collected at two stations, BT08 and BT09, reflected natural conditions for waters influenced by the natural acidity of Pinelands. Station BT08 had 38 of 41 samples below the pH range for South Jersey waters but within the acceptable pH range for Pinelands waters. Similarly, Station BT09 had 16 of 49 samples below the pH range for South Jersey waters but within the acceptable pH range for Pinelands waters. This decision to not list pH is explained in more detail in Appendix D: 2014 Final Justification for pH Not Listed Due to Natural Conditions.

101. **Comment:** Appendix D: Draft Decisions to Not List Causes on the 2014 303(d) List, page 1 of 11, third row shows AU 2030104100010-01, Manasquan R (above 74d17ms50s road) Station AN0458, Manasquan R at off Turkey Swamp Rd in Freehold as being in WMA 13 when it should be WMA 12. (BTMUA)

**Response:** This mistake has been corrected to reflect that the AU is in WMA 12 in

Appendix D Draft Decisions to Not List Causes on the 2014 303(d) List.

**Justification for pH Not Listed Due to Natural Conditions**

102. **Comment:** Until the NJDEP develops and adopts a new EPA approved pH standard for the segments that fall outside of the Pineland designated waters, these waterbody/pollutant combinations will need to be added to the 303(d) list since they violate their current water quality standards. Many of the proposed pH impaired waterbody/pollutant combinations that the NJDEP is proposing to not list due to Natural Conditions are exceeding pH high Criteria for the Pinelands pH criteria and exceeding the pH low criteria for the South Jersey pH Criteria. Natural Conditions for these waters could be demonstrated when the NJDEP develops adequate low and high pH criteria for these waters. Currently, NJDEP is trying to assess based on the highest and lowest ends of both current criteria, and there is no justification to support that these high and low pH values are protective of its designated uses. (USEPA)
103. **Comment:** Cedar Creek (below GS Parkway) (NJ02040301090060-01) – pH: Data show 28 exceedances of the applicable pH standard out of 28 samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
104. **Comment:** Forked River NB (below old RR grade) (NJ02040301110020-01)- pH: Data show 21 exceedances of the applicable pH standard out of 49 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
105. **Comment:** Forked River NB (below NB incl Mid/South Br) (NJ02040301110030-01)- pH: Data show 16 exceedances of the applicable pH standard out of 49 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
106. **Comment** Indian Branch (Scotland Run) (NJ02040206130030-01)– pH: Data show 10 exceedances of the applicable pH standard out of 49 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
107. **Comment:** Mattix Run (Nacote Creek) (NJ02040301200110-01)– pH: Data show 7 exceedances of the applicable pH standard out of 15 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)

108. **Comment:** Mill Branch (below GS Parkway) (NJ02040301140020-01)- pH: Data show 6 exceedances of the applicable pH standard out of 19 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
109. **Comment:** Oyster Creek (below Rt 532) (NJ02040301110050-01)- pH: Data show 17 exceedances of the applicable pH standard out of 49 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
110. **Comment:** Waretown Creek/Lochiel Creek (NJ02040301120010-01)- pH: Data show 19 exceedances of the applicable pH standard out of 19 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
111. **Comment:** Westecunk Creek (below GS Parkway) (NJ02040301130060-01) - pH: Data show 13 exceedances of the applicable pH standard out of 49 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)
112. **Comment:** Wrangel Brook (below Michaels Branch) (NJ02040301080050-01) - pH: Data show 15 exceedances of the applicable pH standard out of 44 total samples. This waterbody/pollutant combination needs to go on the 303(d) list until NJDEP revises water quality standards for assessment units outside of the designated Pineland boundaries that the NJDEP believes are impacted from Pineland waters. (USEPA)

**Response to Comments 102 thru 112:** Appendix D: Justification for pH Not Listed Due to Natural Conditions provides the rationale for not listing pH in the AUs identified in Comments #102-112. All of the perceived pH impairments occurring in these waterbodies are due to natural conditions where low pH waters flowing from the Pinelands boundary (below the South Jersey pH low criteria of 4.5) enter the watersheds located outside of the Pinelands. Consequently, all of these low pH values are not exceedances but natural conditions influenced by headwater watersheds that are not anthropogenically impacted. Waters flowing out of the Pinelands through the South Jersey transition zone are anticipated to have increasing pH values through the natural process where waters exhibit low pH levels naturally found in the upstream Pineland waters but because of changing soils, vegetation, and groundwater as the waters flow away from the Pinelands they are expected to show increasing pH values. Due to the excellent upstream conditions observed including healthy biological communities, the Department regards these waters as fully supporting the designated aquatic life use as long as the pH level do not exceed the high South Jersey criteria of 7.5.

## ASSESSMENT OF NATURAL CONDITIONS

113. **Comment:** The commenter supports NJDEPs justification for not listing Pinelands water bodies with low pH (Appendix D). Streams that are located in undisturbed areas of the Pinelands are acidic with pH values typically less than 5, and exhibit low concentrations of nutrients and dissolved solids. The Pinelands Commission's long-term environmental monitoring program has determined that there is a strong relationship between water quality and land use patterns. Degraded waters typically have higher pH and elevated concentrations of dissolved solids and nitrate-nitrogen. There is also a good relationship between the community-level indicators and watershed-level indicators: Nonnative fish, frogs and plant species are typically only found within watersheds characterized by elevated pH and higher concentrations of dissolved solids. (PPA)

**Response:** The Department appreciates the commenters support and understanding of the science behind not listing the Pineland influenced waters for exceeding water quality criteria due to low pH levels.

114. **Comment:** Ocean acidification is an overarching threat to ocean ecosystems and fisheries that depend on a healthy environment. New Jersey should provide leadership on ocean acidification. The state has an opportunity to take steps to address this important water quality problem before it is too late. The commenters request that New Jersey amend its Draft 2014 303(d) List to include waters impaired by ocean acidification such as Delaware Bay and interior estuarine waters. Ocean acidification is already causing measurable impacts on coastal and bay waters. The state has a duty to look at the information that is available to it to evaluate the condition of its coastal waters in the face of ocean acidification. New Jersey should list its waters as threatened or impaired under the Clean Water Act. The available information shows that water quality has changed in excess of New Jersey's standard due to anthropogenic inputs. Moreover, aquatic life uses are and will continue to be compromised by ocean acidification. Delaying action will only allow the problem and impacts to become more severe. (COA, CBD)

**Response:** New Jersey's ocean waters are classified as SC with an adopted pH criterion of "natural conditions shall prevail". The Department has not determined what the natural pH range should be and does not have an adequate data set to assess the condition. The Delaware Bay is classified by the Delaware River Basin Commission (DRBC), which established a pH criterion for Delaware Bay of 6.5-8.5. DRBC determined that 98% of the samples met the criterion in its *2014 Delaware River and Bay Integrated List Water Quality Assessment Report*. The remaining 2% exceeded the upper end of the criterion range. The Department concurred with DRBC's assessment and did not list Delaware Bay as impaired for pH.

USEPA has addressed this issue on a national basis in litigation settled with the Center for Biological Diversity (CBD). CBD challenged USEPA's approval of Washington State's 2008 303(d) List because it failed to include coastal waters as impaired for marine pH (CBD v. EPA, No. 2:09-cv-00670-JCC (W.D.Wash)] As a condition of the settlement agreement, USEPA issued a Memorandum of Agreement on November 15, 2010 describing how they will proceed with addressing ocean acidification in the 303(d) Program (see

[http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/upload/oa\\_memo\\_nov2010.pdf](http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/upload/oa_memo_nov2010.pdf).) The Memorandum, entitled: “Integrated Reporting and Listing Decisions Related to Ocean Acidification”, states:

EPA has concluded that States should list waters not meeting water quality standards, including marine pH WQC, on their 2012 303(d) lists ... using the current 303(d) listing program framework. This Memorandum does not elevate in priority the assessment of waters for OA, but simply recognizes that waters should be listed for OA when data are available. EPA recognizes that information is absent or limited for OA parameters and impacts at this point in time and, therefore, listings for OA may be absent or limited in many States ... EPA will provide additional 303(d) guidance to the States when future OA research efforts provide the basis for improved monitoring and assessment methods, including approaches being developed under two significant Federal efforts ... that will begin in early 2011.

The attachment to the Memorandum includes a section on assessment of marine pH water quality criteria (WQC) as a “natural condition”. It states:

Most states do not have detailed monitoring protocols, assessment methods, or high-resolution equipment needed to quantify natural conditions within their coastal waters, which is needed to implement such criteria. This absence is due to the fact that marine pH concentrations can vary by depth, time of day, season, and location, making it difficult to monitor accurately. Additionally, historical pH datasets typically lack the necessary detail for States to establish accurate baselines.

While New Jersey’s Surface Water Quality Standards establish pH criteria for ocean waters, the criteria are narrative (“natural conditions shall prevail”) and the Department has no assessment method or numeric translator for determining compliance with this narrative criterion. USEPA’s guidance does not require states to develop numeric pH criteria for ocean waters and the Department does not have sufficient data collected in New Jersey’s ocean waters to support pH criteria development at this time. Therefore, ocean waters cannot be added the 2014 303(d) List for pH.

115. **Comment:** Commenter has several comments concerning Appendix D – pH Natural Conditions (BBP):

- AMNET station AN0615 Mattix Run is listed as being within AU 02040301130060-01 Westecunk Creek (below GS Parkway), AU 02040301110020-01 Forked River NB, and AU 02040301200110-01 Mattix Run (Nacote Creek). The AMNET stations should be corrected as appropriate and the assessments verified using the correct data.
- #4 Forked River NB – There are three excursions from the Pinelands criteria range (13-Oct-11, 12-Mar-13, 27-Mar-13), contrary to the assertion that all data fall within range. However, we still agree that the natural pH conditions present do not warrant listing.

- #5 Forked River (below NB) – There are more excursions outside of the Pinelands criteria range listed in the table (BT08 13-Oct-11, BT09 26-Jul-12, BT09 06-Dec-12, BT09 17-Dec-12) than the one exceedance described in the text. However, we still agree that the natural pH conditions present do not warrant listing.
- #7 – Waretown Creek on Rt 9 - There are four excursions from the Pinelands criteria range (06- Sep-05, 27-Nov-07, 23-Aug-11, 03-Jan-13), contrary to the assertion that all data fall within range. However, we still agree that the natural pH conditions present do not warrant listing.
- #8 – Westecunk Creek (Below GS Parkway) There are five exceedances of the Pinelands high pH criteria (06-June 11, 08-Aug-11, 25-Aug- 11, 10-Jan-12, 03-Apr-12), not three as suggested in the text. There is also a 6th exceedance that is noted, but that specific exceedance (21-Mar-13) appears to fall outside the timeframe of this assessment.

**Response:** Appendix D: Final Decisions to Not List Causes on the 2014 303(d) List and 2014 Final Justification for pH Not Listed Due to Natural Conditions have been revised to reflect the correct information provided by the commenter; however, the assessment outcome has not changed. The following changes were made in station associations with their respective AUs: AN0615 was corrected to be only within the AU 02040301200110-01 Mattix Run (Nacote Creek). AU 02040301110020-01 Forked River NB was corrected to show AN0551 was located within the HUC. AU 02040301130060-01 Westecunk Creek (below GS Parkway) was corrected to show AN0558 was located within the HUC.

NEW JERSEY’S WATER QUALITY MANAGEMENT PROGRAMS - PROTECTING AND RESTORING WATER QUALITY

116. **Comment:** The Key Findings state: “...localized changes in water quality are usually associated with changes in land use. Generally, water quality declines as the intensity of land use increases. The largest concentrations of high quality waters are located in the least developed regions of the State, specifically the upper northwest and the Pinelands region.” The commenter asked why NJDEP can’t limit large land use changes that impact the water quality, or if NJDEP cannot stop it, why NJDEP can’t mitigate it by enforcing the stormwater regulations. (KA)
117. **Comment:** Over a decade after the MS4 program was rolled out, the draft 2016 MS4 permit once again fails to address TMDL pollution control reductions in waterbodies adjacent to MS4 outfalls. Numerous TMDLs continue to rely on these regulatory measures, despite over 10 years of evidence to show that these permits are ineffective to implement TMDL reductions. NJDEP has authority to impose stricter regulations on stormwater and non-point pollution; and NJDEP needs to exercise it to reduce pathogen impairments due to non-point source storm water runoff. (COA)
118. **Comment:** DEP is not adequately implementing the TMDLs that have been developed, as evidenced by permits that do not incorporate TMDLs into the permit terms. For instance, the

preliminary draft permit of the Tier A MS4 NJPDES permit, released earlier this year, does not include limitations necessary to implement applicable TMDLs. The permit merely states the permittees “certify in each annual report that approved or adopted TMDLs have been identified and reviewed, opportunities identified and strategies/Optional Measures developed and incorporated into the SPPP.” This type of language does not ensure that permits include the limitations necessary to implement TMDLs. It is not enough for DEP to develop TMDLs, but then never require the necessary limitations that will translate the TMDL into actual pollutant reductions. (AL1)

119. **Comment:** The commenter expressed frustration over their perception that the NJDEP issues permits to new construction easily, but has not developed a plan to protect the water quality, which they deemed NJDEP’s most important mission. (KA)
120. **Comment:** NJDEP must use regulations to implement nonpoint source control measures to reduce impairment listings. NJDEP is not effectively implementing or enforcing many of the stormwater-based TMDLs already developed, as evident by numerous pathogen listings that remain years after TMDLs have been approved. There are stormwater regulations and Water Quality Management Planning regulations that TMDLs are designed to inform but are not being used. (COA)
121. **Comment:** We are concerned about the continued pathogen impairments and the effectiveness of these TMDLs in making load reductions. Several of the TMDLs that were developed were done so before the MS4 program was well established; moreover, they do not place significant, or if any, additional regulatory requirements on stormwater plans and permits, or WQMPs, or other means to reduce non-point source loadings. How can the regulatory process be used to ensure reductions are indeed made? (BBP)
122. **Comment:** Degradation of New Jersey’s non-impaired waters suggests violations of the anti-degradation policy. Additionally, the fact that DEP has issued rule proposals in recent months that would risk further degradation of water quality – including the MS4 Stormwater, Water Quality Management Planning, Flood Hazard Area Control, and Capacity Assurance Program Proposals – poses substantial concern. Unless the DEP reverses its efforts to roll back water quality protections, we expect water quality to continue to degrade in New Jersey, in clear violation of the Clean Water Act’s anti-degradation policy. (AL1)
123. **Comment:** Efforts undertaken to streamline regulations at the state level, (i.e. rewriting and “streamlining” of coastal zone rules, flood hazard rules and stormwater rules), are additionally putting critical water resources at risk. (SBB)
124. **Comment:** The cumulative effects of the many rollbacks, streamlining, and inaction of NJDEP in a wide variety of water quality issues is adversely affecting New Jersey. “Streamlining” of the Coastal Area Facility Review Act (CAFRA) and Waterfront Development Act (WDA); neglect of Water Supply Master Plan duties (WSMP); “streamlining” of the Flood Hazard Area Control Act (FHACA) and “updating” the Water Quality Management Planning (WQMP) regulations remove water quality protections and cause water quality issues. (COA)



**Response to Comments 116 thru 124:** These comments are beyond the scope of the Integrated Report. The Integrated Report is prepared to meet the federal Clean Water Act requirements of assessing the health of the State's waters, identifying waters that are impaired and the causes of impairment, and prioritizing impaired waters for development of TMDLs or other restoration measures. Implementation of water quality protection and restoration falls under the purview of other Department programs in accordance with other state and federal mandates, including other sections of the Clean Water Act as well as the New Jersey Water Pollution Control Act and the New Jersey Water Quality Planning Act. A complete description of these programs and how they work together to meet federal and state goals of protecting, enhancing and restoring waters of the State is provided in the New Jersey Continuing Planning Process document, which is posted on the Department's website at <http://www.nj.gov/dep/wrm/docs/cpp.pdf>.

125. **Comment:** On page 87 the Long Swamp Creek is listed as one of "17 Watershed Based Plans (WBPs) approved by the Department and deemed to meet all nine elements by USEPA." This contradicts the most recent 319(h) funding guidance, which does not list Long Swamp Creek as an approved plan. Please clarify the status of this plan as it has an impact on its inclusion on Sublist 5R as well as its eligibility for CWA Section 319(h) funding. (BBP)

**Response:** This comment refers to Section 4.3 of the draft 2014 Integrated Report, which explains Watershed Based Plans as a component of the Department's non-regulatory water pollution control programs. In State Fiscal Year (SFY) 2006, the Department began issuing Section 319(h) grants to fund planning and implementation of projects that would address water quality impairment through implementation of NPS pollution controls, including Watershed Restoration and Protection Plans, also referred to as Watershed Based Plans (WBPs). As of June 2007, WBPs were required to include nine minimum components set forth in the USEPA's "Handbook for Developing Watershed Plans to Restore and Protect Our Waters" (USEPA, 2005) to be eligible for Section 319(h) grant funds. For the 2014 Integrated Report, the Department created Subpart 5R for AUs impaired primarily by pollutants addressed by approved WBPs that include these nine minimum components as an effective alternative to a TMDL.

For the final 2014 Integrated List, the Department re-evaluated the list of approved WBPs and removed Long Swamp Creek (and Troy Brook) because it was not an approved, nine-element plan since it was completed before the requirement by EPA. Although it is not on Sublist 5R, Long Swamp Creek (and Troy Brook) is an approved watershed plan by the Department and will continue to be eligible for 319(h) funding.

The Department also added Deal Lake Regional Stormwater Management Plan, Musquapsink Brook Watershed Rest & Protection Plan and Wreck Pond Watershed Plan as approved, nine-element WBPs. The final 2014 Integrated Report identifies the following 18 WBPs as the basis for Subpart 5R:

1. Alexauken Creek Watershed Plan
2. Assiscunk Creek Watershed Plan

3. Cedar Grove Watershed Plan
4. Clove Brook Watershed Plan
5. Deal Lake Watershed Plan
6. Manalapan Watershed Restoration Plan
7. Metedeconk River Watershed Plan
8. Mulhockaway Creek Watershed Plan
9. Musquapsink Brook Watershed Plan
10. Neshanic River Watershed Plan
11. Papakating Creek Watershed Plan
12. Pleasant Run and Holland Brook Watershed Plan
13. Sidney Brook Protection Plan
14. Sourland Mountain Watershed Plan
15. Tenakill Brook Watershed Plan
16. Upper Cohansey River Watershed Plan
17. Upper Salem River Watershed Plan
18. Wreck Pond Brook Watershed Regional Stormwater Management Plan

The following sections of the final 2014 Integrated Report were revised accordingly: Figure 2.1A Spatial Extent of Sublist 5R, Section 4.3 “Watershed Based Plans” List of approved WBPs, and Appendix A: 2014 Final Integrated List of Waters, Sublists 1-5. The Department’s WBP website has also been updated (see <http://www.nj.gov/dep/wms/bears/npsrestgrants.html>).

126. **Comment:** The 2014 Integrated Report states that the most effective method of addressing nonpoint source pollution and making meaningful strides towards water quality improvements is through watershed based plans (WBP). Taking the responsibility for reducing these pollutant loads from the regulatory or oversight arena and placing the water quality protections into a voluntary WBP places too much risk in unfunded, voluntary programs. While there is merit in a flexible approach to addressing water quality impairments, the mechanism for implementing these plans is still vague. As WBPs are voluntary and plan development is currently not a priority for 319(h) funds, who will develop the WBPs and how will their development be prioritized? Barnegat Bay currently has 96 AUs and 11 of those are covered by a WBP (the Metedeconk Watershed Plan). That plan took years to develop and lacked funding for any of the prioritized projects prior to hurricane Sandy. The commenters have concerns regarding the use of Watershed Based Plans (WBPs) to address impairments within watersheds that lack regulated point sources. (BBP, SBB)

**Response:** In Appendix G, “New Jersey’s Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program”, the Department recognizes watershed based plans and protection plans as additional water quality tools to restore and protect water quality and will continue to explore funding opportunities to develop new plans. Watershed restoration plans as well as TMDLs are identified in the WQMP rules as appropriate assessment approaches to address nonpoint source impacts. As with TMDLs, the Department may adopt watershed based plans and/or protection plans to the appropriate Water Quality Management Plan(s).

127. **Comment:** EPA’s Long-Term Vision incorporates the concept of adaptive management, placing emphasis on the need for States to take ownership and set their own priorities, including allowing flexibility for States to emphasize water resource protection efforts if, and how, they see fit. The Vision also promotes goals relating to the scope of future assessment, enhanced public engagement in the 303(d) process and integrated implementation among programs of the Clean Water Act, other statutory EPA programs, and programs of the Federal, State and local agencies. EPA Region 2 continues to work with NJDEP on the new 303(d) program Vision effort, which includes: Prioritization; Assessment; Protection; Alternatives; Engagement; and Integration. Based on discussions with NJDEP, the EPA Region 2 expected that the 2014 Integrated Reporting document would fulfill the Engagement goal of EPA’s Long-Term Vision. However, the NJDEP 2014 Integrated Reporting document does not outline any of the NJDEP’s prioritized waters or describe how the public and stakeholders were actively engaged, as demonstrated by documented, inclusive, transparent or consistent communication on the state’s framework or strategy for achieving its Vision goals. (USEPA)

**Response:** Because USEPA’s “Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program”<sup>4</sup> was not published until December 2013; the initial draft 2014 Integrated Report the Department did not include its new vision and strategy for defining and achieving New Jersey’s water quality goals under the new federal framework. Since then the Department has developed the “New Jersey’s Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program” found in Appendix G that articulates how the Department has continually refined the water quality assessment process to improve efficiencies in the process and achieve greater confidence in the assessment outcomes. The transition to a rotating basin approach is one example of improvements completed, along with automating data management and portions of the assessment process. The document also explains the Department’s plans to develop a process for prioritizing waters through public participation that engages stakeholders in an inclusive, transparent manner.

128. **Comment:** Many TMDLs that have been approved still need to be formally adopted. (COA)

**Response:** The Water Quality Management Planning Rules, N.J.A.C. 7:15, require the Department to adopt TMDLs as amendments to the applicable area wide Water Quality Management Plan (WQM plan) so they can serve as a basis for ensuring consistency of activities requiring certain permits or approvals with the WQM plan. However, TMDL implementation can commence as soon as USEPA issues its approval. All TMDLs that include a wasteload allocation intended for NJPDES permit implementation have been adopted by the Department. A table of all completed TMDLs and their approval/adoption status is available on the Department’s website at <http://www.state.nj.us/dep/wms/bears/tmdls.html>.

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<sup>4</sup> USEPA. A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program. December 2013. <http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/programvision.cfm>.

129. **Comment:** The U.S. Geological Survey (USGS) has confirmed that runoff from the developed landscape (and turf in particular) contributes substantially to nutrient loading in waterways. The failure of the N.J. Department of Agriculture to implement a soil restoration law is clearly limiting the efficacy of the state fertilizer law. We strongly encourage the DEP to work with the Department of Agriculture to take the steps necessary to ensure implementation of an effective soil restoration law. In addition, the USGS report makes clear the need to 1) control runoff from impervious surfaces, and 2) strengthen the requirements of the MS4 regulatory program to reduce non-point source loadings to the Barnegat Bay and other coastal waters. (BBP)

**Response:** This comment is beyond the scope of the Integrated Report. The Department recognizes the importance of promulgating standards for soil restoration and its relationship to water quality, which is why the Department participated in subcommittees formed by the State Soil Conservation Committee to formulate standards that will enhance soil restoration for specific proposed land uses as well as topsoiling and land grading standards through amendments to the rules for Soil Erosion and Sediment Control on Land Disturbance Activities at N.J.A.C. N.J.A.C. 2:90-1.3, 1.4, 1.9, and 1.14. These proposed amendments were published in the New Jersey Register on September 19, 2016 (see 48 N.J.R. 1847). Additional information on this rule proposal is available on the Department of Agriculture's website at <http://www.state.nj.us/agriculture/rule/>. The Department continues to address runoff from impervious surfaces through its Nonpoint Pollution Control Program, Nonpoint Source Program Plan, and Stormwater Management Regulation Program. Specifically, the Department is exploring different approaches to strengthen MS4 permits within the Barnegat Bay Watershed to help reduce nutrient loading to the Barnegat Bay. Information on these new approaches will be provided as updates to the Barnegat Bay Action Plan (see <http://www.nj.gov/dep/barnegatbay/>).

#### OTHER COMMENTS

130. **Comment:** On page 98, the website for the BBP (<http://bbp.ocean.edu>) is incorrectly listed as [www.bbep.org](http://www.bbep.org). (BBP)

**Response:** The BBP website address has been corrected in the Final 2014 Integrated Report.

#### AGENCY-INITIATED CHANGES

1. The Data Sources table provided in Appendix B of the Draft 2014 Integrated Report was revised to remove the row referencing only 2009 conventional chemical/physical data collected statewide by the NJDEP Bureau of Freshwater and Biological Monitoring. Data collected in 2009 is already cited in the prior row, which referenced such data collected between 2008–2012. Fish data collected by the NJDEP Bureau of Freshwater and Biological Monitoring was also added to the table.

2. The note above the table in Appendix A: Changes in Designated Use Assessment Results from 2012 Integrated List” was inadvertently cut off when the document was converted to PDF format for posting on the Department’s website. This document was corrected to include the entire note, which reads: “This table shows AUs whose designated use assessments changed from Not Supporting on the 2012 Integrated List to Fully Supporting or Insufficient Information on the 2014 Integrated List but the associated parameter assessment results remained the same. For example: In Hakhokake Creek (and to Hakhokake Ck), total phosphorus exceedances occurred in non-trout waters but attained the total phosphorus criterion in trout waters; therefore, the trout aquatic life use was changed to fully supporting. Phosphorus remains on the 303(d) List as a cause of general aquatic life use non-support.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter
10	02030105100130-01	Bear Brook (below Trenton Road)	Phosphorus, Total
8	02030105020050-01	Beaver Brook (Clinton)	Phosphorus, Total
10	02030105110050-01	Beden Brook (below Province Line Rd)	Phosphorus, Total
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Phosphorus, Total
10	02030105100110-01	Devils Brook	Phosphorus, Total
9	02030105120130-01	Green Bk (below Bound Brook)	Total Suspended Solids (TSS)
4	02030103140010-01	Hohokus Bk (above Godwin Ave)	Phosphorus, Total
4	02030103140030-01	Hohokus Bk (below Pennington Ave)	Phosphorus, Total
8	02030105040030-01	Holland Brook	Phosphorus, Total
8	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	pH
8	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Phosphorus, Total
8	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Phosphorus, Total
10	02030105100010-01	Millstone R (above Rt 33)	Phosphorus, Total
10	02030105100010-01	Millstone R (above Rt 33)	Total Suspended Solids (TSS)
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Phosphorus, Total
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Total Suspended Solids (TSS)
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Oxygen, Dissolved
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Phosphorus, Total
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Total Suspended Solids (TSS)
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Phosphorus, Total
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Phosphorus, Total
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Phosphorus, Total
8	02030105030070-01	Neshanic River (below Black Brk)	Phosphorus, Total
8	02030105030060-01	Neshanic River (below FNR / SNR confl)	Phosphorus, Total
10	02030105110100-01	Pike Run (below Crusier Brook)	Phosphorus, Total
9	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Total Suspended Solids (TSS)
9	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Phosphorus, Total
9	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Total Suspended Solids (TSS)
9	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Phosphorus, Total
8	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Total Suspended Solids (TSS)
8	02030105010060-01	Raritan R SB (Califon br to Long Valley)	pH
8	02030105040040-01	Raritan R SB (NB to Pleasant Run)	pH
8	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Phosphorus, Total
8	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Phosphorus, Total
8	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Phosphorus, Total
8	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Total Suspended Solids (TSS)
8	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Phosphorus, Total
8	02030105050090-01	Rockaway Ck (below McCrea Mills)	Phosphorus, Total
8	02030105050100-01	Rockaway Ck SB	Phosphorus, Total
8	02030105050100-01	Rockaway Ck SB	Total Suspended Solids (TSS)
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Phosphorus, Total
4	02030103140040-01	Saddle River (above Ridgewood gage)	Total Suspended Solids (TSS)
4	02030103140070-01	Saddle River (below Lodi gage)	Phosphorus, Total
4	02030103140070-01	Saddle River (below Lodi gage)	Total Suspended Solids (TSS)
4	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Phosphorus, Total
4	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Total Suspended Solids (TSS)
4	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Phosphorus, Total
4	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Total Suspended Solids (TSS)
4	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Phosphorus, Total

WMA	Assessment Unit Number	Assessment Unit Name	Parameter
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Phosphorus, Total
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Phosphorus, Total
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Phosphorus, Total
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Phosphorus, Total
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Phosphorus, Total
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Phosphorus, Total
10	02030105090090-01	Stony Bk- Princeton drainage	Phosphorus, Total

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
15	02040302020030-01	Absecon Creek (AC Reserviors) (gage to SB)	Mercury in Fish Tissue	Package Plant or Other Permitted Small Flows Discharges	Atmospheric Depositon - Toxics	Contaminated Sediments		5
15	02040302020030-01	Absecon Creek (AC Reserviors) (gage to SB)	Mercury in Water Column	Package Plant or Other Permitted Small Flows Discharges	Atmospheric Depositon - Toxics			5
15	02040302020040-01	Absecon Creek (below gage)	Dissolved Oxygen	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
15	02040302020040-01	Absecon Creek (below gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Municipal Point Source Discharges	Landfills		5
15	02040302020040-01	Absecon Creek (below gage)	Total Coliform	Urban Runoff/Storm Sewers	Landfills			5
15	02040302020010-01	Absecon Creek NB	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Contaminated Sediments	Package Plant or Other Permitted Small Flows Discharges		5
15	02040302020010-01	Absecon Creek NB	pH	Urban Runoff/Storm Sewers				5
15	02040302020020-01	Absecon Creek SB	Mercury in Water Column	Package Plant or Other Permitted Small Flows Discharges	Atmospheric Depositon - Toxics			5
14	02040301160110-01	Albertson Brook / Gun Branch	pH	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105210010-01	Alexauken Ck (above 74d 55m)	pH	Source Unknown				5
11	02040105210010-01	Alexauken Ck (above 74d 55m)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Arsenic	Source Unknown				5
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	E. Coli	Urban Runoff/Storm Sewers				5
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	pH	Source Unknown				5
11	02040105210020-01	Alexauken Ck (below 74d 55m to 11BA06)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206060020-01	Alloway Ck (above Alloway- Woodstown Rd)	Arsenic	Natural Sources				5
17	02040206060020-01	Alloway Ck (above Alloway- Woodstown Rd)	Total Suspended Solids	Urban Runoff/Storm Sewers				5
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206060090-01	Alloway Ck (below HancocksBr) to Salem R	Total Coliform	Urban Runoff/Storm Sewers				5
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206060080-01	Alloway Ck (HancocksBridge to NewBridge)	Total Coliform	Urban Runoff/Storm Sewers				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206060060-01	Alloway Ck (New Bridge to Quinton)	Total Coliform	Urban Runoff/Storm Sewers				5
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Total Coliform	Urban Runoff/Storm Sewers				5
18	02040202120060-01	Almonesson Creek	Arsenic	Source Unknown				5
18	02040202120060-01	Almonesson Creek	Dissolved Oxygen	Source Unknown				5
18	02040202120060-01	Almonesson Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120060-01	Almonesson Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120060-01	Almonesson Creek	Phosphorus	Source Unknown				5
18	02040202120060-01	Almonesson Creek	Turbidity	Source Unknown				5
09	02030105120120-01	Ambrose Brook (below Lake Nelson)	Cause Unknown	Source Unknown				5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Benzo(a)Pyrene	Source Unknown				5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Cause Unknown	Source Unknown				5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Dioxin	Atmospheric Depositon - Toxics	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Hexachlorobenzene	Source Unknown				5
7	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Mercury in Water Column	Source Unknown				4
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Arsenic	Agriculture				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
20	02040201100010-01	Assiscunk Ck (above Rt 206)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Total Suspended Solids	Source Unknown				5
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201100060-01	Assiscunk Ck (below Neck Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201100040-01	Assiscunk Ck (Jacksonville rd to Rt 206)	Cause Unknown	Source Unknown				5
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	Cause Unknown	Source Unknown				5
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201100050-01	Assiscunk Ck (Neck Rd to Jacksonville rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Arsenic	Source Unknown				5
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	E. Coli	Urban Runoff/Storm Sewers				5
11	02040105230010-01	Assunpink Ck (above Assunpink Lake)	Phosphorus	Source Unknown				5
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Arsenic	Source Unknown				5
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	E. Coli	Urban Runoff/Storm Sewers				4
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Lead	Source Unknown				5
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Phosphorus	Source Unknown				5
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Arsenic	Source Unknown				5
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Phosphorus	Source Unknown				5
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Total Suspended Solids	Source Unknown				5
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Cause Unknown	Source Unknown				5
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	E. Coli	Urban Runoff/Storm Sewers				5
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Cause Unknown	Source Unknown				5
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	Dissolved Oxygen	Source Unknown	Natural Sources			5
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	Dissolved Oxygen	Source Unknown	Natural Sources			5
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	Dissolved Oxygen	Source Unknown	Natural Sources			5
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	Dissolved Oxygen	Source Unknown	Natural Sources			5
16	02040302940020-01	Atl Coast(Corson to Townsends In)	Dissolved Oxygen	Source Unknown	Natural Sources			5
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	Dissolved Oxygen	Source Unknown	Natural Sources			5
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	Dissolved Oxygen	Source Unknown	Natural Sources			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	Dissolved Oxygen	Source Unknown	Natural Sources			5
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	Dissolved Oxygen	Source Unknown	Natural Sources			5
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	Dissolved Oxygen	Source Unknown	Natural Sources			5
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	Dissolved Oxygen	Source Unknown	Natural Sources			5
12	02030104920020-01	Atl Coast(Navesink R to WhalePond)	Dissolved Oxygen	Source Unknown	Natural Sources			5
16	02040303060201-01	Atl Coast(off Cape May Pt)	Dissolved Oxygen	Source Unknown	Natural Sources			5
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	Dissolved Oxygen	Source Unknown	Natural Sources			5
12	02030104920010-01	Atl Coast(Sandy H to Navesink R)	Dissolved Oxygen	Source Unknown	Natural Sources			5
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	Dissolved Oxygen	Source Unknown	Natural Sources			5
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	Dissolved Oxygen	Source Unknown	Natural Sources			5
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	Dissolved Oxygen	Source Unknown	Natural Sources			5
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Dissolved Oxygen	Source Unknown	Natural Sources			5
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	Dissolved Oxygen	Source Unknown	Natural Sources			5
15	02040302050020-01	Babcock Creek (GEHR)	E. Coli	Urban Runoff/Storm Sewers				4
15	02040302050020-01	Babcock Creek (GEHR)	pH	Agriculture	Urban Runoff/Storm Sewers			5
08	02030105030050-01	Back Brook	Cause Unknown	Source Unknown				5
08	02030105030050-01	Back Brook	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201070010-01	Back Creek (above Yardville-H Sq Road)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206100030-01	Back Creek (Sea Breeze Rd to Cedar Ck)	Total Coliform	Urban Runoff/Storm Sewers				5
14	02040301200070-01	Ballanger Creek	Total Coliform	Urban Runoff/Storm Sewers				4
09	02030105150050-01	Barclay Brook	E. Coli	Urban Runoff/Storm Sewers				5
09	02030105150050-01	Barclay Brook	pH	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Arsenic	Agriculture				5
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Dissolved Oxygen	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
20	02040201100020-01	Barkers Brook (above 40d02m30s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		4
13	BarnegatBay05	Barnegat Bay Central West	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
17	02040206090010-01	Barrett Run (above West Ave)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
19	02040202060040-01	Barton Run (above Kettle Run Road)	Arsenic	Natural Sources				5
19	02040202060040-01	Barton Run (above Kettle Run Road)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
19	02040202060040-01	Barton Run (above Kettle Run Road)	pH	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202060050-01	Barton Run (below Kettle Run Road)	Arsenic	Agriculture				5
19	02040202060050-01	Barton Run (below Kettle Run Road)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202060050-01	Barton Run (below Kettle Run Road)	pH	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202060050-01	Barton Run (below Kettle Run Road)	Phosphorus	Source Unknown				5
14	02040301200060-01	Bass River (below WB / EB)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301200050-01	Bass River EB	Arsenic	Natural Sources				5
14	02040301200050-01	Bass River EB	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301200050-01	Bass River EB	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
14	02040301200050-01	Bass River EB	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301200050-01	Bass River EB	Phosphorus	Urban Runoff/Storm Sewers				4
14	02040301150010-01	Batsto River (above Hampton Gate)	pH	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	pH	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301150050-01	Batsto River (CNJRR to Hampton Gate)	pH	Agriculture				5
14	02040301150060-01	Batsto River (Quaker Bridge to CNJRR)	pH	Agriculture				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
10	02030105100120-01	Bear Brook (above Trenton Road)	Arsenic	Industrial Point Source Discharge	Agriculture			5
10	02030105100120-01	Bear Brook (above Trenton Road)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105100130-01	Bear Brook (below Trenton Road)	Arsenic	Industrial Point Source Discharge				5
10	02030105100130-01	Bear Brook (below Trenton Road)	Dissolved Oxygen	Source Unknown				5
10	02030105100130-01	Bear Brook (below Trenton Road)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105100130-01	Bear Brook (below Trenton Road)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
10	02030105100130-01	Bear Brook (below Trenton Road)	Phosphorus	Source Unknown				5
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	Cause Unknown	Source Unknown				5
01	02040105080010-01	Bear Brook (Sussex/Warren Co)	E. Coli	Agriculture				5
19	02040202060060-01	Bear Swamp River	Cause Unknown	Source Unknown				5
14	02040301200010-01	Beaver Branch (Wading River)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105020050-01	Beaver Brook (Clinton)	E. Coli	Urban Runoff/Storm Sewers				5
08	02030105020050-01	Beaver Brook (Clinton)	pH	Source Unknown				5
08	02030105020050-01	Beaver Brook (Clinton)	Phosphorus	Urban Runoff/Storm Sewers	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	5
08	02030105020050-01	Beaver Brook (Clinton)	Temperature	Source Unknown				5
06	02030103030110-01	Beaver Brook (Morris County)	Arsenic	Source Unknown				5
06	02030103030110-01	Beaver Brook (Morris County)	Cause Unknown	Source Unknown				5
06	02030103030110-01	Beaver Brook (Morris County)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030110-01	Beaver Brook (Morris County)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202160040-01	Beaver Creek (Oldmans Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
02	02020007010060-01	Beaver Run	Cause Unknown	Source Unknown				5
13	02040301040010-01	Beaverdam Creek	Cause Unknown	Source Unknown				5
13	02040301040010-01	Beaverdam Creek	Total Coliform	Urban Runoff/Storm Sewers				4
10	02030105110040-01	Beden Brook (above Province Line Rd)	Arsenic	Source Unknown				5
10	02030105110040-01	Beden Brook (above Province Line Rd)	E. Coli	Urban Runoff/Storm Sewers				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
10	02030105110050-01	Beden Brook (below Province Line Rd)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105110050-01	Beden Brook (below Province Line Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105110050-01	Beden Brook (below Province Line Rd)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Transfer of Water from an Outside Watershed	Agriculture	Urban Runoff/Storm Sewers	5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Arsenic	Source Unknown				5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Benzo(a)Pyrene	Source Unknown				5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Cadmium	Source Unknown				5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Copper	Source Unknown				5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Dioxin	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Lead	Source Unknown				5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
05	02030103180060-01	Berrys Creek (above Paterson Ave)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Arsenic	Source Unknown				5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Benzo(a)Pyrene	Source Unknown				5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Chromium	Source Unknown				5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Copper	Source Unknown				5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Dioxin	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Lead	Source Unknown				5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
05	02030103180070-01	Berrys Creek (below Paterson Ave)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230010-01	Bidwell Creek (above Rt 47)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Golf Course			5
16	02040206230010-01	Bidwell Creek (above Rt 47)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230010-01	Bidwell Creek (above Rt 47)	Total Coliform	Urban Runoff/Storm Sewers				4
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104070030-01	Big Brook	Arsenic	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070030-01	Big Brook	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104070030-01	Big Brook	Mercury in Water Column	Atmospheric Depositon - Toxics				5
12	02030104070030-01	Big Brook	pH	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070030-01	Big Brook	Phosphorus	Urban Runoff/Storm Sewers	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges		5
01	02040104140010-01	Big Flat Brook (above Forked Brook)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Arsenic	Source Unknown				5
01	02040104140040-01	Big Flat Brook (Confluence to Kittle Rd)	Temperature	Source Unknown				5
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Arsenic	Source Unknown				5
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Arsenic	Source Unknown				5
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Phosphorus	Urban Runoff/Storm Sewers				4
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to LakelandRd)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202150070-01	Birch Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202030080-01	Bisphams Mill Creek (below McDonalds Br)	Phosphorus	Source Unknown				5
06	02030103010060-01	Black Brook (Great Swamp NWR)	Arsenic	Source Unknown				5
06	02030103010060-01	Black Brook (Great Swamp NWR)	Dissolved Oxygen	Source Unknown				5
06	02030103010060-01	Black Brook (Great Swamp NWR)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010060-01	Black Brook (Great Swamp NWR)	Phosphorus	Source Unknown				4
06	02030103010060-01	Black Brook (Great Swamp NWR)	Total Dissolved Solids	Source Unknown				5
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	E. Coli	Urban Runoff/Storm Sewers				4
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Phosphorus	Source Unknown				5
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Arsenic	Source Unknown				5
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Dissolved Oxygen	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
13	02040301070050-01	Blacks Branch (above 74d22m05s)	Cause Unknown	Source Unknown				5
13	02040301070050-01	Blacks Branch (above 74d22m05s)	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		4
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		4
20	02040201080030-01	Blacks Creek (below Bacons Run)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201080030-01	Blacks Creek (below Bacons Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201080030-01	Blacks Creek (below Bacons Run)	Phosphorus	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
20	02040201080030-01	Blacks Creek (below Bacons Run)	Total Suspended Solids	Source Unknown				5
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Arsenic	Source Unknown				5
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Mercury in Water Column	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Arsenic	Source Unknown				5
17	02040206140050-01	Blackwater Branch (below Pine Branch)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Mercury in Water Column	Atmospheric Depositon - Toxics				5
01	02040105050020-01	Blair Creek	Temperature	Source Unknown				5
14	02040301160100-01	Blue Anchor Brook	pH	Agriculture				5
19	02040202070010-01	Bobbys Run	Cause Unknown	Source Unknown				5
19	02040202070010-01	Bobbys Run	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Dioxin	Atmospheric Depositon - Toxics				5
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
12	02030104080030-01	Branchport Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080030-01	Branchport Creek	Dissolved Oxygen	Urban Runoff/Storm Sewers	Animal Shows and Racetracks	Golf Course		5
12	02030104080030-01	Branchport Creek	E. Coli	Urban Runoff/Storm Sewers	Animal Shows and Racetracks			4
12	02030104080030-01	Branchport Creek	Enterococcus	Urban Runoff/Storm Sewers	Animal Shows and Racetracks			4
12	02030104080030-01	Branchport Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers	Contaminated Sediments	Industrial Point Source Discharge	5
12	02030104080030-01	Branchport Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080030-01	Branchport Creek	Phosphorus	Urban Runoff/Storm Sewers	Animal Shows and Racetracks	Golf Course		4
12	02030104080030-01	Branchport Creek	Total Coliform	Urban Runoff/Storm Sewers	Animal Shows and Racetracks			4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206100020-01	Bridges Sticks Creek / Ogden Creek	Total Coliform	Urban Runoff/Storm Sewers				5
01	02040105110020-01	Buckhorn Creek (incl UDRV)	Temperature	Source Unknown				5
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206170040-01	Buckshutem Creek (above Rt 555)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Arsenic	Natural Sources				5
17	02040206170050-01	Buckshutem Creek (below Rt 555)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Phosphorus	Source Unknown				5
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	pH	Source Unknown				5
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Arsenic	Natural Sources	Agriculture			5
19	02040202050010-01	Burrs Mill Bk (above 39d51m30s road)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Arsenic	Natural Sources				5
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Arsenic	Agriculture				5
19	02040202050030-01	Burrs Mill Bk (BurrsMill to Burnt Br Br)	Dissolved Oxygen	Package Plant or Other Permitted Small Flows Discharges				5
08	02030105020060-01	Caepoulin Creek	DDT in Fish Tissue	Source Unknown				5
06	02030103010140-01	Canoe Brook	Arsenic	Source Unknown				5
06	02030103010140-01	Canoe Brook	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010140-01	Canoe Brook	Phosphorus	Source Unknown				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
06	02030103010140-01	Canoe Brook	Total Dissolved Solids	Source Unknown				5
17	02040206070030-01	Canton Drain (above Maskell Mill)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206070040-01	Canton Drain (below Maskell Mill)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206070040-01	Canton Drain (below Maskell Mill)	Total Coliform	Urban Runoff/Storm Sewers				5
16	02040302080040-01	Cape May Bays (Reubens Wharf-BigElderCk)	Dissolved Oxygen	Source Unknown				5
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Dissolved Oxygen	Source Unknown				5
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Total Coliform	Urban Runoff/Storm Sewers				4
16	02040302080050-01	Cape May Courthouse tribs	Cause Unknown	Source Unknown				5
16	02040302080050-01	Cape May Courthouse tribs	Total Coliform	Urban Runoff/Storm Sewers				4
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206100040-01	Cedar Creek (above Rt 553)	Arsenic	Natural Sources				5
17	02040206100040-01	Cedar Creek (above Rt 553)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
17	02040206100040-01	Cedar Creek (above Rt 553)	Phosphorus	Source Unknown				5
17	02040206100040-01	Cedar Creek (above Rt 553)	Turbidity	Source Unknown				5
13	02040301090060-01	Cedar Creek (below GS Parkway)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206100050-01	Cedar Creek (below Rt 553)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206100050-01	Cedar Creek (below Rt 553)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206100050-01	Cedar Creek (below Rt 553)	Turbidity	Source Unknown				5
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301130040-01	Cedar Run	Arsenic	Natural Sources				5
13	02040301130040-01	Cedar Run	Cause Unknown	Source Unknown				5
13	02040301130040-01	Cedar Run	Total Coliform	Urban Runoff/Storm Sewers				4
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	Total Coliform	Urban Runoff/Storm Sewers				4
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Total Coliform	Urban Runoff/Storm Sewers				4
08	02030105070020-01	Chambers Brook	Cause Unknown	Source Unknown				5
08	02030105070020-01	Chambers Brook	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104060010-01	Cheesequake Creek / Whale Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060010-01	Cheesequake Creek / Whale Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060010-01	Cheesequake Creek / Whale Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
12	02030104060010-01	Cheesequake Creek / Whale Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060010-01	Cheesequake Creek / Whale Creek	Phosphorus	Urban Runoff/Storm Sewers				4
12	02030104060010-01	Cheesequake Creek / Whale Creek	Total Coliform	Urban Runoff/Storm Sewers				5
18	02040202130030-01	Chestnut Branch (above Sewell)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202130030-01	Chestnut Branch (above Sewell)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
12	02030104060040-01	Chingarora Creek to Thorns Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060040-01	Chingarora Creek to Thorns Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060040-01	Chingarora Creek to Thorns Creek	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
12	02030104060040-01	Chingarora Creek to Thorns Creek	Enterococcus	Urban Runoff/Storm Sewers				5
12	02030104060040-01	Chingarora Creek to Thorns Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Contaminated Sediments	Urban Runoff/Storm Sewers		5
12	02030104060040-01	Chingarora Creek to Thorns Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060040-01	Chingarora Creek to Thorns Creek	Total Coliform	Urban Runoff/Storm Sewers				5
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
03	02030103050040-01	Clinton Reservior/Mossmans Brook	Arsenic	Source Unknown				5
03	02030103050040-01	Clinton Reservior/Mossmans Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103050040-01	Clinton Reservior/Mossmans Brook	Temperature	Source Unknown				5
01	02040104090020-01	Clove Brook (Delaware R)	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040104090020-01	Clove Brook (Delaware R)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040104090020-01	Clove Brook (Delaware R)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
02	02020007020060-01	Clove Brook (Papakating Ck)	E. Coli	Agriculture				5
02	02020007020060-01	Clove Brook (Papakating Ck)	Phosphorus	Source Unknown				4
02	02020007020060-01	Clove Brook (Papakating Ck)	Temperature	Package Plant or Other Permitted Small Flows Discharges	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Urban Runoff/Storm Sewers	5
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Dissolved Oxygen	Source Unknown				5
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206080010-01	Cohansey R (above Beals Mill)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206090100-01	Cohansey R (below Greenwich)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090100-01	Cohansey R (below Greenwich)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090100-01	Cohansey R (below Greenwich)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090100-01	Cohansey R (below Greenwich)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Dissolved Oxygen	Source Unknown				5
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Total Coliform	Urban Runoff/Storm Sewers				4
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	E. Coli	Urban Runoff/Storm Sewers				4
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Phosphorus	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			4
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	pH	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206060010-01	Cool Run	Cause Unknown	Source Unknown				5
18	02040202110030-01	Cooper River (above Evesham Road)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
18	02040202110030-01	Cooper River (above Evesham Road)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110030-01	Cooper River (above Evesham Road)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110030-01	Cooper River (above Evesham Road)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202110030-01	Cooper River (above Evesham Road)	Lead	Urban Runoff/Storm Sewers				5
18	02040202110030-01	Cooper River (above Evesham Road)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202110030-01	Cooper River (above Evesham Road)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110030-01	Cooper River (above Evesham Road)	PCE	Landfill				5
18	02040202110030-01	Cooper River (above Evesham Road)	Phosphorus	Urban Runoff/Storm Sewers				4



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202110030-01	Cooper River (above Evesham Road)	TCE	Landfill				5
18	02040202110060-01	Cooper River (below Rt 130)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
18	02040202110060-01	Cooper River (below Rt 130)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110060-01	Cooper River (below Rt 130)	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202110060-01	Cooper River (below Rt 130)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110060-01	Cooper River (below Rt 130)	PCE	Landfill				5
18	02040202110060-01	Cooper River (below Rt 130)	Phosphorus	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers		4
18	02040202110060-01	Cooper River (below Rt 130)	TCE	Landfill				5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Arsenic	Natural Sources				5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Lead	Urban Runoff/Storm Sewers				5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	PCE	Landfill				5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	pH	Urban Runoff/Storm Sewers				5
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Phosphorus	Urban Runoff/Storm Sewers				4
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	TCE	Landfill				5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	E. Coli	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Lead	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	PCE	Landfill				5
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Phosphorus	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			4
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	TCE	Landfill				5
18	02040202110010-01	Cooper River NB (above Springdale Road)	Arsenic	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
18	02040202110010-01	Cooper River NB (above Springdale Road)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110010-01	Cooper River NB (above Springdale Road)	Dissolved Oxygen	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
18	02040202110010-01	Cooper River NB (above Springdale Road)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202110010-01	Cooper River NB (above Springdale Road)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110020-01	Cooper River NB (below Springdale Road)	Arsenic	Source Unknown				5
18	02040202110020-01	Cooper River NB (below Springdale Road)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110020-01	Cooper River NB (below Springdale Road)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202110020-01	Cooper River NB (below Springdale Road)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110020-01	Cooper River NB (below Springdale Road)	Phosphorus	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			4
16	02040302080020-01	Corson Inlet & Sound / Ludlam Bay	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Arsenic	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Dissolved Oxygen	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	Golf Course		5
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Turbidity	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	Golf Course		5
20	02040201090010-01	Crafts Creek (above Rt 206)	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201090010-01	Crafts Creek (above Rt 206)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201090020-01	Crafts Creek (below Rt 206)	Arsenic	Agriculture				5
20	02040201090020-01	Crafts Creek (below Rt 206)	Cause Unknown	Source Unknown				5
20	02040201090020-01	Crafts Creek (below Rt 206)	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201090020-01	Crafts Creek (below Rt 206)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Phosphorus	Source Unknown				4
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Phosphorus	Source Unknown				5
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Dissolved Oxygen	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	Natural Sources		5
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Total Coliform	Urban Runoff/Storm Sewers	Municipal Point Source Discharges			4
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Arsenic	Industrial Point Source Discharge	Agriculture			5
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	E. Coli	Urban Runoff/Storm Sewers				5
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Phosphorus	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
20	02040201070020-01	Crosswicks Ck (below Doctors Creek)	Total Suspended Solids	Source Unknown				5
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Phosphorus	Source Unknown				5
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Turbidity	Source Unknown				5
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Lead	Source Unknown				5
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Transfer of Water from an Outside Watershed	Agriculture	Urban Runoff/Storm Sewers	5
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Arsenic	Agriculture				5
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Transfer of Water from an Outside Watershed	Agriculture	Urban Runoff/Storm Sewers	5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Arsenic	Source Unknown				5
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105110090-01	Cruser Brook / Roaring Brook	Cause Unknown	Source Unknown				5
10	02030105110090-01	Cruser Brook / Roaring Brook	E. Coli	Urban Runoff/Storm Sewers				5
03	02030103100060-01	Crystal Lake/Pond Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103100060-01	Crystal Lake/Pond Brook	pH	Source Unknown				5
03	02030103100060-01	Crystal Lake/Pond Brook	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers		4
09	02030105120070-01	Cuckels Brook	Cause Unknown	Source Unknown				5
01	02040105040010-01	Culvers Creek	E. Coli	Urban Runoff/Storm Sewers				5
01	02040105040010-01	Culvers Creek	Temperature	Source Unknown				5
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301080040-01	Davenport Branch (below Pinewald Road)	E. Coli	Urban Runoff/Storm Sewers				5
06	02030103010100-01	Dead River (below Harrisons Brook)	Dissolved Oxygen	Source Unknown				5
06	02030103010100-01	Dead River (below Harrisons Brook)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104090030-01	Deal Lake	Chlordane in Fish Tissue	Source Unknown				5
12	02030104090030-01	Deal Lake	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104090030-01	Deal Lake	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104090030-01	Deal Lake	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
12	02030104090030-01	Deal Lake	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104090030-01	Deal Lake	pH	Urban Runoff/Storm Sewers				5
12	02030104090030-01	Deal Lake	Phosphorus	Urban Runoff/Storm Sewers				4
09	02030105160010-01	Deep Run (above Monmouth Co line)	Dissolved Oxygen	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers		5
09	02030105160010-01	Deep Run (above Monmouth Co line)	E. Coli	Urban Runoff/Storm Sewers				5
17	02040206060040-01	Deep Run (Alloway)	Arsenic	Natural Sources				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
09	02030105160040-01	Deep Run (below Rt 9)	Arsenic	Source Unknown				5
09	02030105160040-01	Deep Run (below Rt 9)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
09	02030105160040-01	Deep Run (below Rt 9)	E. Coli	Urban Runoff/Storm Sewers				5
09	02030105160040-01	Deep Run (below Rt 9)	pH	Source Unknown				5
15	02040302040120-01	Deep Run (GEHR)	Arsenic	Natural Sources				5
15	02040302040120-01	Deep Run (GEHR)	pH	Municipal Point Source Discharges	Agriculture		Urban Runoff/Storm Sewers	5
09	02030105160020-01	Deep Run (Rt 9 to Monmouth Co line)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
04	02030103120060-01	Deepavaal Brook	Cause Unknown	Source Unknown				5
04	02030103120060-01	Deepavaal Brook	E. Coli	Urban Runoff/Storm Sewers				4
01	02040105060020-01	Delawanna Creek (incl UDRV)	Arsenic	Source Unknown				5
01	02040105060020-01	Delawanna Creek (incl UDRV)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105060020-01	Delawanna Creek (incl UDRV)	pH	Source Unknown				5
01	02040105060020-01	Delawanna Creek (incl UDRV)	Temperature	Source Unknown				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Chlordane in Fish Tissue	Source Unknown				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Copper	Source Unknown				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Dieldrin	Source Unknown				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Dissolved Oxygen	Source Unknown				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			4
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	pH	Source Unknown				5
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Total Coliform	Urban Runoff/Storm Sewers				4
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Turbidity	Source Unknown				5
01	Delaware River 2	Delaware River 1C	Chlordane in Fish Tissue	Source Unknown				5
01	Delaware River 2	Delaware River 1C	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	Delaware River 2	Delaware River 1C	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	Delaware River 2	Delaware River 1C	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	Delaware River 2	Delaware River 1C	pH	Source Unknown				5
01	Delaware River 8	Delaware River 1D	Aluminum	Source Unknown				5
01	Delaware River 8	Delaware River 1D	Chlordane in Fish Tissue	Source Unknown				5
01	Delaware River 8	Delaware River 1D	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	Delaware River 8	Delaware River 1D	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
01	Delaware River 8	Delaware River 1D	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	Delaware River 8	Delaware River 1D	pH	Source Unknown				5
11	Delaware River 14	Delaware River 1E	Chlordane in Fish Tissue	Source Unknown				5
11	Delaware River 14	Delaware River 1E	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	Delaware River 14	Delaware River 1E	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Municipal Point Source Discharges			5
11	Delaware River 14	Delaware River 1E	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	Delaware River 14	Delaware River 1E	pH	Source Unknown				5
11	Delaware River 14	Delaware River 1E	Turbidity	Source Unknown				5
20	Delaware River 15	Delaware River 2	Chlordane in Fish Tissue	Source Unknown				5
20	Delaware River 15	Delaware River 2	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	Delaware River 15	Delaware River 2	Dieldrin	Source Unknown				5
20	Delaware River 15	Delaware River 2	Dissolved Oxygen	Source Unknown				5
20	Delaware River 15	Delaware River 2	E. Coli	Urban Runoff/Storm Sewers				5
20	Delaware River 15	Delaware River 2	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Municipal Point Source Discharges			5
20	Delaware River 15	Delaware River 2	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			4
20	Delaware River 15	Delaware River 2	pH	Source Unknown				5
20	Delaware River 15	Delaware River 2	Temperature	Source Unknown				5
20	Delaware River 15	Delaware River 2	Turbidity	Source Unknown				5
18	Delaware River 16	Delaware River 3	Chlordane in Fish Tissue	Source Unknown				5
18	Delaware River 16	Delaware River 3	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	Delaware River 16	Delaware River 3	Dieldrin	Source Unknown				5
18	Delaware River 16	Delaware River 3	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge	Municipal Point Source Discharges		5
18	Delaware River 16	Delaware River 3	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			4
18	Delaware River 16	Delaware River 3	Temperature	Source Unknown				5
18	Delaware River 16	Delaware River 3	Turbidity	Source Unknown				5
18	Delaware River 17	Delaware River 4	Aluminum	Source Unknown				5
18	Delaware River 17	Delaware River 4	Chlordane in Fish Tissue	Source Unknown				5
18	Delaware River 17	Delaware River 4	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	Delaware River 17	Delaware River 4	Dieldrin	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	Delaware River 17	Delaware River 4	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge	Municipal Point Source Discharges		5
18	Delaware River 17	Delaware River 4	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			4
18	Delaware River 17	Delaware River 4	Temperature	Source Unknown				5
17	Delaware River 18	Delaware River 5	Chlordane in Fish Tissue	Source Unknown				5
17	Delaware River 18	Delaware River 5	Copper	Source Unknown				5
17	Delaware River 18	Delaware River 5	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	Delaware River 18	Delaware River 5	Dieldrin	Source Unknown				5
17	Delaware River 18	Delaware River 5	Dissolved Oxygen	Source Unknown				5
17	Delaware River 18	Delaware River 5	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge	Municipal Point Source Discharges		5
17	Delaware River 18	Delaware River 5	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			4
17	Delaware River 18	Delaware River 5	Temperature	Source Unknown				5
17	Delaware River 18	Delaware River 5	Turbidity	Source Unknown				5
06	02030103030120-01	Den Brook	Arsenic	Source Unknown				5
06	02030103030120-01	Den Brook	Cause Unknown	Source Unknown				5
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture	Natural Sources		5
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Arsenic	Natural Sources				5
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
10	02030105100110-01	Devils Brook	Arsenic	Source Unknown				5
10	02030105100110-01	Devils Brook	Dissolved Oxygen	Source Unknown				5
10	02030105100110-01	Devils Brook	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105100110-01	Devils Brook	Phosphorus	Source Unknown				5
16	02040206230030-01	Dias Creek	Arsenic	Urban Runoff/Storm Sewers	Landfill			5
16	02040206230030-01	Dias Creek	Dissolved Oxygen	Urban Runoff/Storm Sewers	Natural Sources	Agriculture		5
16	02040206230030-01	Dias Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230030-01	Dias Creek	Turbidity	Urban Runoff/Storm Sewers	Agriculture			5
13	02040301130070-01	Dinner Point Creek & tribs	Total Coliform	Urban Runoff/Storm Sewers				4



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206110050-01	Dividing Creek (above Mill Creek)	Dissolved Oxygen	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206110050-01	Dividing Creek (above Mill Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206110050-01	Dividing Creek (above Mill Creek)	Total Coliform	Urban Runoff/Storm Sewers				5
17	02040206110060-01	Dividing Creek (below Mill Creek)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206110060-01	Dividing Creek (below Mill Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206110060-01	Dividing Creek (below Mill Creek)	Total Coliform	Urban Runoff/Storm Sewers				5
20	02040201060010-01	Doctors Creek (above 74d28m40s)	Arsenic	Source Unknown				5
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
20	02040201060030-01	Doctors Creek (below Allentown)	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	4
13	02040301060050-01	Dove Mill Branch (Toms River)	Arsenic	Natural Sources				5
13	02040301060050-01	Dove Mill Branch (Toms River)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301060050-01	Dove Mill Branch (Toms River)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301060050-01	Dove Mill Branch (Toms River)	pH	Urban Runoff/Storm Sewers				5
08	02030105010010-01	Drakes Brook (above Eyland Ave)	Temperature	Source Unknown				5
01	02040105040020-01	Dry Brook	Cause Unknown	Source Unknown				5
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
20	02040201030010-01	Duck Creek and UDRV to Assunpink Ck	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
10	02030105090080-01	Duck Pond Run	Cause Unknown	Source Unknown				5
10	02030105090080-01	Duck Pond Run	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105160030-01	Duhernal Lake / Iresick Brook	Arsenic	Source Unknown				5
09	02030105160030-01	Duhernal Lake / Iresick Brook	Dissolved Oxygen	Source Unknown				5
09	02030105160030-01	Duhernal Lake / Iresick Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040104240020-01	Dunnfield Creek (incl UDRV)	Arsenic	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
05	02030103170050-01	Dwars Kill	Arsenic	Source Unknown				5
05	02030103170050-01	Dwars Kill	E. Coli	Urban Runoff/Storm Sewers				5
16	02040206210060-01	East Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
16	02040206210060-01	East Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202130050-01	Edwards Run	Arsenic	Agriculture				5
18	02040202130050-01	Edwards Run	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202130050-01	Edwards Run	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202130050-01	Edwards Run	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
07	02030104020010-01	Elizabeth R (above I-78)	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Arsenic	Source Unknown				5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Benzo(a)Pyrene	Source Unknown				5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Municipal Point Source Discharges		5
7	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Hexachlorobenzene	Source Unknown				5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Lead	Source Unknown				5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	pH	Source Unknown				5
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Phosphorus	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Total Dissolved Solids	Source Unknown				5
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Arsenic	Source Unknown				5
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Lead	Source Unknown				5
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Phosphorus	Industrial Point Source Discharge	Agriculture		Urban Runoff/Storm Sewers	5
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Total Dissolved Solids	Source Unknown				5
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Cause Unknown	Source Unknown				5
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Dissolved Oxygen	Urban Runoff/Storm Sewers	Golf Course		Agriculture	5
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206040020-01	Fenwick Creek / Keasbeys Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105210050-01	Fiddlers Creek (Jacobs Ck to Moore Ck)	E. Coli	Urban Runoff/Storm Sewers				5
08	02030105030010-01	First Neshanic River	Cause Unknown	Source Unknown				5
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206070010-01	Fishing Creek / Bucks Ditch / Pattys Fork	Total Coliform	Urban Runoff/Storm Sewers				5
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Arsenic	Urban Runoff/Storm Sewers	Agriculture			5
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	Cause Unknown	Source Unknown				5
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040104150020-01	Flat Brook (below Tillman Brook)	E. Coli	Urban Runoff/Storm Sewers				5
01	02040104150010-01	Flat Brook (Tillman Brook to Confluence)	E. Coli	Urban Runoff/Storm Sewers				5
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	E. Coli	Urban Runoff/Storm Sewers				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Total Coliform	Urban Runoff/Storm Sewers				4
13	02040301110010-01	Forked River NB (above old RR grade)	Dissolved Oxygen	Landfills				5
13	02040301110010-01	Forked River NB (above old RR grade)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	Total Coliform	Urban Runoff/Storm Sewers				4
13	02040301130010-01	Four Mile Branch (Mill Creek)	Cause Unknown	Source Unknown				5
02	02020007010030-01	Franklin Pond Creek	Temperature	Source Unknown				5
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Arsenic	Natural Sources				5
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	E. Coli	Urban Runoff/Storm Sewers				5
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105090050-01	Furnace Brook	Arsenic	Source Unknown				5
01	02040105090050-01	Furnace Brook	Cause Unknown	Source Unknown				5
01	02040105090050-01	Furnace Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
17	02040206030050-01	Game Creek (above Rt 48)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206030050-01	Game Creek (above Rt 48)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206030070-01	Game Creek (below Rt 48)	Dissolved Oxygen	Source Unknown				5
17	02040206030070-01	Game Creek (below Rt 48)	Phosphorus	Source Unknown				5
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Arsenic	Source Unknown				5
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Copper	Urban Runoff/Storm Sewers				5
19	02040202020010-01	Gaunts Brook / Hartshorne Mill Stream	Lead	Urban Runoff/Storm Sewers				5
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Total Coliform	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	Copper	Cause Unknown				5
15	02040302040080-01	GEHR (39d32m50s to Hospitality Branch)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302030010-01	GEHR (above New Freedom Rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Arsenic	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	E. Coli	Urban Runoff/Storm Sewers				4
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Dissolved Oxygen	Source Unknown	Natural Sources			5
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Total Coliform	Urban Runoff/Storm Sewers				4
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	Total Coliform	Urban Runoff/Storm Sewers				4
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	Copper	Cause Unknown				5
15	02040302030080-01	GEHR (Hospitality Br to Piney Hollow Rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Copper	Cause Unknown				5
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Copper	Cause Unknown				5
15	02040302040110-01	GEHR (Mare Run to Rt 322)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	Total Coliform	Urban Runoff/Storm Sewers				4
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	Arsenic	Natural Sources				5
15	02040302030060-01	GEHR (Piney Hollow Rd to Broad Lane rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	Copper	Cause Unknown				5
15	02040302040090-01	GEHR (Rt 322 to 39d32m50s)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050100-01	Gibson Creek / Jackson Creek	Total Coliform	Urban Runoff/Storm Sewers				4
04	02030103120050-01	Goffle Brook	Cause Unknown	Source Unknown				5
04	02030103120050-01	Goffle Brook	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103120050-01	Goffle Brook	Total Dissolved Solids	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
15	02040302050050-01	Gravelly Run (above Gravelly Run road)	Arsenic	Natural Sources				5
14	02040301210050-01	Great Bay tribs	Dissolved Oxygen	Urban Runoff/Storm Sewers	Natural Sources			5
06	02030103010030-01	Great Brook (above Green Village Rd)	Cause Unknown	Source Unknown				5
06	02030103010050-01	Great Brook (below Green Village Rd)	Arsenic	Source Unknown				5
06	02030103010050-01	Great Brook (below Green Village Rd)	Dissolved Oxygen	Source Unknown				5
06	02030103010050-01	Great Brook (below Green Village Rd)	E. Coli	Urban Runoff/Storm Sewers				5
06	02030103010050-01	Great Brook (below Green Village Rd)	Phosphorus	Source Unknown				4
09	02030105130010-01	Great Ditch / Pigeon Swamp	E. Coli	Urban Runoff/Storm Sewers				5
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Nitrate	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160120-01	Great Swamp Branch (above Rt 206)	pH	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160120-01	Great Swamp Branch (above Rt 206)	Temperature	Agriculture	Loss of Riparian Habitat			5
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160130-01	Great Swamp Branch (below Rt 206)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Nitrate	Agriculture	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301160130-01	Great Swamp Branch (below Rt 206)	pH	Agriculture	Urban Runoff/Storm Sewers			5
09	02030105120010-01	Green Bk (above/incl Blue Brook)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Temperature	Source Unknown				5
09	02030105120130-01	Green Bk (below Bound Brook)	Dissolved Oxygen	Source Unknown				5
09	02030105120130-01	Green Bk (below Bound Brook)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120130-01	Green Bk (below Bound Brook)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120130-01	Green Bk (below Bound Brook)	pH	Source Unknown				5
09	02030105120130-01	Green Bk (below Bound Brook)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
09	02030105120130-01	Green Bk (below Bound Brook)	Total Suspended Solids	Urban Runoff/Storm Sewers				5
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	pH	Source Unknown				5
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Arsenic	Source Unknown				5
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	pH	Source Unknown				5
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Total Dissolved Solids	Source Unknown				5
17	02040206140030-01	Green Branch / Endless Branch	Arsenic	Source Unknown				5
17	02040206140030-01	Green Branch / Endless Branch	Mercury in Water Column	Source Unknown				5
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
16	02040206230040-01	Green Ck (Norburys Landng to Pierces Pt)	Total Dissolved Solids	Agriculture	Urban Runoff/Storm Sewers			5
06	02030103030060-01	Green Pond Brook (below Burnt Meadow Bk)	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	pH	Source Unknown				5
06	02030103020030-01	Greystone / Watnong Mtn tribs	Cause Unknown	Source Unknown				5
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Dissolved Oxygen	Source Unknown				5
05	02030103170030-01	Hackensack R (above Old Tappan gage)	E. Coli	Urban Runoff/Storm Sewers				4
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Benzo(a)Pyrene	Source Unknown				5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Dissolved Oxygen	Combined Sewer Overflows	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Nickel	Source Unknown				4
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Benzo(a)Pyrene	Source Unknown				5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
05	02030103180050-01	Hackensack R (Bellmans Ck to Ft Lee Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	benzo(a)Pyrene	Source Unknown				5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Dissolved Oxygen	Combined Sewer Overflows	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers	5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Nickel	Source Unknown				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
05	02030103180100-01	Hackensack R (below Amtrak bridge)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Phosphorus	Source Unknown				4
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Arsenic	Source Unknown				5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Benzo(a)Pyrene	Source Unknown				5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Urban Runoff/Storm Sewers		5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Enterococcus	Combined Sewer Overflows	Urban Runoff/Storm Sewers			5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers	5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	pH	Source Unknown				5
05	02030103180030-01	Hackensack R (Ft Lee Rd to Oradell gage)	Turbidity	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers		5
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Dissolved Oxygen	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Benzo(a)pyrene	Source Unknown				5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers	5
05	02030103180080-01	Hackensack R (Rt 3 to Bellmans Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105170020-01	Hakihokake Creek	Arsenic	Source Unknown				5
11	02040105170020-01	Hakihokake Creek	E. Coli	Urban Runoff/Storm Sewers				4
11	02040105170020-01	Hakihokake Creek	Temperature	Source Unknown				5
15	02040302070070-01	Halfway Creek	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301170010-01	Hammonton Creek (above 74d43m)	Arsenic	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170010-01	Hammonton Creek (above 74d43m)	Copper	Municipal Point Source Discharges				5
14	02040301170010-01	Hammonton Creek (above 74d43m)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
14	02040301170010-01	Hammonton Creek (above 74d43m)	Mercury in Water Column	Rcra Hazardous Waste Sites				5
14	02040301170010-01	Hammonton Creek (above 74d43m)	Nitrate	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170010-01	Hammonton Creek (above 74d43m)	pH	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	Agriculture		5
14	02040301170010-01	Hammonton Creek (above 74d43m)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301170010-01	Hammonton Creek (above 74d43m)	Total Suspended Solids	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	pH	Agriculture	Urban Runoff/Storm Sewers	Municipal Point Source Discharges		5
14	02040301170030-01	Hammonton Creek (below Columbia Rd)	Phosphorus	Agriculture	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Arsenic	Agriculture	Urban Runoff/Storm Sewers	Municipal Point Source Discharges		5
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Copper	Municipal Point Source Discharges				5
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Mercury in Water Column	Rcra Hazardous Waste Sites				5
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Nitrate	Agriculture	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	pH	Agriculture	Urban Runoff/Storm Sewers	Municipal Point Source Discharges		5
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Phosphorus	Agriculture	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
17	02040206170010-01	Hankins Pond trib (Millville)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206170010-01	Hankins Pond trib (Millville)	Phosphorus	Source Unknown				5
02	02020007010050-01	Hardistonville tribs	Temperature	Source Unknown				5
11	02040105170030-01	Harihokake Creek (and to Harihokake Ck)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105170030-01	Harihokake Creek (and to Harihokake Ck)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206060070-01	Harmony trib (Alloway Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206060070-01	Harmony trib (Alloway Creek)	Total Coliform	Urban Runoff/Storm Sewers				5
06	02030103010090-01	Harrisons Brook	Cause Unknown	Source Unknown				5
19	02040202060030-01	Haynes Creek (below Lake Pine)	pH	Source Unknown				5
14	02040301160050-01	Hays Mill Creek (above Tremont Ave)	pH	Urban Runoff/Storm Sewers	Agriculture			5
13	02040301020030-01	Haystack Brook	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
08	02030105030030-01	Headquarters trib (Third Neshanic River)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105110010-01	Heathcote Brook	Cause Unknown	Source Unknown				5
10	02030105110010-01	Heathcote Brook	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
06	02030103030100-01	Hibernia Brook	Temperature	Source Unknown				5
02	02020007040040-01	Highland Lake/Wawayanda Lake	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Arsenic	Source Unknown				5
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers		5
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Total Dissolved Solids	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Nitrate	Source Unknown				5
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Phosphorus	Source Unknown				5
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Cause Unknown	Source Unknown				5
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Total Dissolved Solids	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
08	02030105040030-01	Holland Brook	pH	Source Unknown				5
08	02030105040030-01	Holland Brook	Phosphorus	Source Unknown				5
01	02040105100020-01	Honey Run	Dissolved Oxygen	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Urban Runoff/Storm Sewers		5
01	02040105100020-01	Honey Run	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
12	02030104070010-01	Hop Brook	Arsenic	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
12	02030104070010-01	Hop Brook	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104070010-01	Hop Brook	pH	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070010-01	Hop Brook	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
12	02030104070010-01	Hop Brook	Total Suspended Solids	Agriculture	Urban Runoff/Storm Sewers	Package Plant or Other Permitted Small Flows Discharges		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206060100-01	Hope Creek / Artificial Island	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206060100-01	Hope Creek / Artificial Island	Total Coliform	Urban Runoff/Storm Sewers				5
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	E. Coli	Urban Runoff/Storm Sewers				4
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Arsenic	Natural Sources				5
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302040020-01	Hospitality Br (Rt 538 to Whitehouse Rd)	pH	Urban Runoff/Storm Sewers	Agriculture			5
05	02030101170030-01	Hudson River (lower)	Benzo(a)Pyrene	Source Unknown				5
05	02030101170030-01	Hudson River (lower)	Cause Unknown	Source Unknown				5
05	02030101170030-01	Hudson River (lower)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030101170030-01	Hudson River (lower)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030101170030-01	Hudson River (lower)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030101170030-01	Hudson River (lower)	Dioxin	Source Unknown				5
05	02030101170030-01	Hudson River (lower)	Hexachlorobenzene	Source Unknown				5
05	02030101170030-01	Hudson River (lower)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
05	02030101170030-01	Hudson River (lower)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030101170010-01	Hudson River (upper)	Benzo(a)Pyrene	Source Unknown				5
05	02030101170010-01	Hudson River (upper)	Cause Unknown	Source Unknown				5
05	02030101170010-01	Hudson River (upper)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030101170010-01	Hudson River (upper)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030101170010-01	Hudson River (upper)	Dieldrin	Contaminated Sediments	Source Unknown			5
05	02030101170010-01	Hudson River (upper)	Dioxin	Source Unknown				5
05	02030101170010-01	Hudson River (upper)	Hexachlorobenzene	Source Unknown				5
05	02030101170010-01	Hudson River (upper)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
05	02030101170010-01	Hudson River (upper)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030101170010-01	Hudson River (upper)	Phosphorus	Source Unknown				5
17	02040206130030-01	Indian Branch (Scotland Run)	Dissolved Oxygen	Source Unknown				5
17	02040206130030-01	Indian Branch (Scotland Run)	E. Coli	Urban Runoff/Storm Sewers				4
14	02040301170090-01	Indian Cabin Creek	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
14	02040301150030-01	Indian Mills Brook / Muskingum Brook	pH	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206150040-01	Indian Run (Muddy Run)	Arsenic	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206150040-01	Indian Run (Muddy Run)	Cause Unknown	Source Unknown				5
09	02030105130040-01	Ireland Brook	pH	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201100030-01	Jacksonville trib (above Barkers Brook)	E. Coli	Urban Runoff/Storm Sewers				5
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Arsenic	Agriculture				5
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Dissolved Oxygen	Source Unknown				5
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Mercury in Water Column	Atmospheric Depositon - Toxics				5
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Total Suspended Solids	Source Unknown				5
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Arsenic	Source Unknown				5
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
19	02040202050070-01	Jade Run	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202050070-01	Jade Run	pH	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202050070-01	Jade Run	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
13	02040301080070-01	Jakes Branch (Lower Toms River)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Natural Sources			5
13	02040301080070-01	Jakes Branch (Lower Toms River)	E. Coli	Urban Runoff/Storm Sewers				5
12	02030104090050-01	Jumping Brook (Monmouth Co)	Cause Unknown	Source Unknown				5
12	02030104090050-01	Jumping Brook (Monmouth Co)	E. Coli	Urban Runoff/Storm Sewers				4
20	02040201040040-01	Jumping Brook (Ocean Co)	Arsenic	Source Unknown				5
20	02040201040040-01	Jumping Brook (Ocean Co)	Dissolved Oxygen	Source Unknown				5
20	02040201040040-01	Jumping Brook (Ocean Co)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers	5
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Arsenic	Urban Runoff/Storm Sewers				5
13	02040301050010-01	Kettle Creek (above Lake Riviera outlet)	Cause Unknown	Source Unknown				5
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Total Coliform	Urban Runoff/Storm Sewers				4
19	02040202060010-01	Kettle Run (above Centennial Lake)	pH	Urban Runoff/Storm Sewers				5
07	02030104010020-01	Kill Van Kull West	Benzo(a)Pyrene	Source Unknown				5
07	02030104010020-01	Kill Van Kull West	Cause Unknown	Source Unknown				5
07	02030104010020-01	Kill Van Kull West	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010020-01	Kill Van Kull West	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010020-01	Kill Van Kull West	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104010020-01	Kill Van Kull West	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Municipal Point Source Discharges		5
07	02030104010020-01	Kill Van Kull West	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104010020-01	Kill Van Kull West	Hexachlorobenzene	Source Unknown				5
7	02030104010020-01	Kill Van Kull West	Mercury in Water Column	Source Unknown				4
07	02030104010020-01	Kill Van Kull West	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
01	02040105040040-01	Lafayette Swamp tribs	Cause Unknown	Source Unknown				5
20	02040201050010-01	Lahaway Ck (above Prospertown)	Cause Unknown	Source Unknown				5
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Arsenic	Source Unknown				5
20	02040201050020-01	Lahaway Ck (Allentwn/NE Road-Prospertown)	Phosphorus	Transfer of Water from an Outside Watershed	Agriculture	Urban Runoff/Storm Sewers		5
01	02040105150020-01	Lake Hopatcong	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105150020-01	Lake Hopatcong	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105150020-01	Lake Hopatcong	pH	Source Unknown				5
01	02040105070010-01	Lake Lenape trib	Temperature	Source Unknown				5
19	02040202060020-01	Lake Pine / Centennial Lake & tribs	pH	Source Unknown				5
15	02040302050110-01	Lakes Creek (GEHR)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
15	02040302050110-01	Lakes Creek (GEHR)	Total Coliform	Urban Runoff/Storm Sewers				4
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	pH	Source Unknown				5
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Phosphorus	Source Unknown				5
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Temperature	Source Unknown				5
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Temperature	Source Unknown				5
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Dissolved Oxygen	Source Unknown				5
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Phosphorus	Source Unknown				5
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Arsenic	Source Unknown				5
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
14	02040301170100-01	Landing Creek (above Rt 563)	Arsenic	Natural Sources				5
14	02040301170100-01	Landing Creek (above Rt 563)	pH	Urban Runoff/Storm Sewers	Agriculture			5
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301170110-01	Landing Creek (Indian Cabin Ck to Rt563)	pH	Urban Runoff/Storm Sewers	Agriculture	Golf Course		5
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Arsenic	Urban Runoff/Storm Sewers				5
09	02030105130020-01	Lawrence Bk (above Deans Pond dam)	Cause Unknown	Source Unknown				5
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Arsenic	Source Unknown				5
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	Dioxin	Atmospheric Depositon - Toxics	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
09	02030105130070-01	Lawrence Bk (below Milltown/Herberts br)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Cause Unknown	Source Unknown				5
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Phosphorus	Source Unknown				4
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Arsenic	Natural Sources				5
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	E. Coli	Urban Runoff/Storm Sewers				5
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Phosphorus	Source Unknown				5
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Cause Unknown	Source Unknown				5
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Mercury in Fish Tissue	Source Unknown				4
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Phosphorus	Source Unknown				4
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	Mercury in Fish Tissue	Source Unknown				5
20	02040201090040-01	LDRV tribs (Bustleton Creek area)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	5
17	02040206020020-01	LDRV tribs (Marsh Pt-Main St Pennsville)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202110070-01	LDRV tribs (Pennsauken Ck to 28th St)	E. Coli	Urban Runoff/Storm Sewers				5
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Arsenic	Source Unknown				5
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Cause Unknown	Source Unknown				5
03	02030103110010-01	Lincoln Park tribs (Pompton River)	E. Coli	Urban Runoff/Storm Sewers				4
19	02040202060070-01	Little Creek (above Bear Swamp River)	Arsenic	Natural Sources				5
19	02040202060070-01	Little Creek (above Bear Swamp River)	E. Coli	Urban Runoff/Storm Sewers				5
19	02040202060070-01	Little Creek (above Bear Swamp River)	pH	Source Unknown				5
19	02040202060090-01	Little Creek (below Bear Swamp River)	E. Coli	Urban Runoff/Storm Sewers				5
17	02040206120010-01	Little Ease Run (above Academy Rd)	pH	Source Unknown				5
17	02040206120020-01	Little Ease Run (below Academy Rd)	Arsenic	Source Unknown				5
17	02040206120020-01	Little Ease Run (below Academy Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206120020-01	Little Ease Run (below Academy Rd)	pH	Source Unknown				5
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Urban Runoff/Storm Sewers	Agriculture		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040104130030-01	Little Flat Brook (Confluence to Layton)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
01	02040104130020-01	Little Flat Brook (Layton to Beerskill)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
11	02040105240050-01	Little Shabakunk Creek	Arsenic	Source Unknown				5
11	02040105240050-01	Little Shabakunk Creek	E. Coli	Urban Runoff/Storm Sewers				4
11	02040105240050-01	Little Shabakunk Creek	Lead	Source Unknown				5
11	02040105240050-01	Little Shabakunk Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
11	02040105240050-01	Little Shabakunk Creek	Phosphorus	Source Unknown				5
12	02030104080010-01	Little Silver Creek / Town Neck Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080010-01	Little Silver Creek / Town Neck Creek	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
12	02030104080010-01	Little Silver Creek / Town Neck Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Total Coliform	Urban Runoff/Storm Sewers				4
18	02040202120070-01	Little Timber Creek (Gloucester City)	Cause Unknown	Source Unknown				5
18	02040202120070-01	Little Timber Creek (Gloucester City)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010040-01	Loantaka Brook	Cause Unknown	Source Unknown				5
06	02030103010040-01	Loantaka Brook	E. Coli	Urban Runoff/Storm Sewers				5
06	02030103010040-01	Loantaka Brook	Phosphorus	Source Unknown				4
06	02030103010040-01	Loantaka Brook	Total Dissolved Solids	Source Unknown				5
11	02040105200010-01	Lokatong Ck (above Rt 12)	E. Coli	Agriculture				5
11	02040105200010-01	Lokatong Ck (above Rt 12)	pH	Source Unknown				5
11	02040105200010-01	Lokatong Ck (above Rt 12)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105200030-01	Lokatong Ck (below Milltown) incl UDRV	Arsenic	Source Unknown				5
11	02040105200030-01	Lokatong Ck (below Milltown) incl UDRV	Temperature	Source Unknown				5
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Arsenic	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	E. Coli	Agriculture				5
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	pH	Source Unknown				5
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105200020-01	Lokatong Ck (Milltown to Rt 12)	Temperature	Source Unknown				5
02	02020007040060-01	Long House Creek/Upper Greenwood Lake	pH	Source Unknown				5
13	02040301080080-01	Long Swamp Creek	Cause Unknown	Source Unknown				5
01	02040105120010-01	Lopatcong Creek (above Rt 57)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Phosphorus	Source Unknown				5
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Phosphorus	Source Unknown				5
13	BarnegatBay09	Lower Little Egg Harbor Bay	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
13	BarnegatBay09	Lower Little Egg Harbor Bay	Turbidity	Urban Runoff/Storm Sewers	Agriculture			5
19	02040202080060-01	LRDV trib- Delanco/Edgewater	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105150040-01	Lubbers Run (above/incl Dallis Pond)	Temperature	Source Unknown				5
01	02040105150050-01	Lubbers Run (below Dallis Pond)	Arsenic	Source Unknown				5
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206070020-01	Mad Horse Ck / Little Ck / Turners Fork	Total Coliform	Urban Runoff/Storm Sewers				5
18	02040202120120-01	Main Ditch / Little Mantua Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103020060-01	Malapardis Brook	Cause Unknown	Source Unknown				5
13	BarnegatBay08	Manahawkan Bay and Upper Little Egg Harbor	Turbidity	Urban Runoff/Storm Sewers	Agriculture			5
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Cause Unknown	Source Unknown				5
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15s)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Arsenic	Natural Sources				5
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture	Golf Course		5
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Temperature	Urban Runoff/Storm Sewers				5
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Turbidity	Urban Runoff/Storm Sewers	Agriculture	Golf Course		5
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Arsenic	Cercla NPL (Superfund) Sites				5
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Golf Course			5
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Enterococcus	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Arsenic	Cercla NPL (Superfund) Sites				5
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Total Suspended Solids	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Turbidity	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
17	02040206040010-01	Mannington Creek	Arsenic	Natural Sources				5
17	02040206040010-01	Mannington Creek	Dissolved Oxygen	Source Unknown				5
17	02040206040010-01	Mannington Creek	E. Coli	Urban Runoff/Storm Sewers				5
17	02040206040010-01	Mannington Creek	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture			5
18	02040202130010-01	Mantua Creek (above Rt 47)	Cause Unknown	Source Unknown				5
18	02040202130060-01	Mantua Creek (below Edwards Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
18	02040202130060-01	Mantua Creek (below Edwards Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	pH	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202130040-01	Mantua Creek (Edwards Run to rd to Sewell)	Phosphorus	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Phosphorus	Source Unknown				4
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Arsenic	Source Unknown				5
17	02040206190010-01	Manumuskin River (above/incl BigNealBr)	Dissolved Oxygen	Source Unknown				5
17	02040206190030-01	Manumuskin River (below Rt 49)	Arsenic	Natural Sources				5
17	02040206190030-01	Manumuskin River (below Rt 49)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206190030-01	Manumuskin River (below Rt 49)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206190020-01	Manumuskin River (Rt 49 to Big Neal Br)	Arsenic	Source Unknown				5
13	02040301060040-01	Maple Root Branch (Toms River)	E. Coli	Urban Runoff/Storm Sewers				5
12	02030104100040-01	Marsh Bog Brook	Arsenic	Source Unknown	Agriculture			5
12	02030104100040-01	Marsh Bog Brook	Cause Unknown	Source Unknown				5
12	02030104100040-01	Marsh Bog Brook	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103100020-01	Masonicus Brook	Cause Unknown	Source Unknown				5
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Arsenic	Rcra Hazardous Waste Sites				5
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Copper	Rcra Hazardous Waste Sites				5
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Lead	Rcra Hazardous Waste Sites				5
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
12	02030104060020-01	Matawan Creek (above Ravine Drive)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Arsenic	Cercla NPL (Superfund) Sites				5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Package Plant or Other Permitted Small Flows Discharges			5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	E. Coli	Urban Runoff/Storm Sewers				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Enterococcus	Urban Runoff/Storm Sewers				5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	pH	Urban Runoff/Storm Sewers	Package Plant or Other Permitted Small Flows Discharges			5
12	02030104060030-01	Matawan Creek (below Ravine Drive)	Total Coliform	Urban Runoff/Storm Sewers				5
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Cause Unknown	Source Unknown				5
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Dissolved Oxygen	Source Unknown				5
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Nitrate	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Phosphorus	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
14	02040301200110-01	Mattix Run (Nacote Creek)	Arsenic	Natural Sources				5
14	02040301200110-01	Mattix Run (Nacote Creek)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
14	02040301200110-01	Mattix Run (Nacote Creek)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Dissolved Oxygen	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Enterococcus	Urban Runoff/Storm Sewers				4
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	Total Coliform	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Arsenic	Natural Sources				5
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Arsenic	Source Unknown				5
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Cause Unknown	Source Unknown				5
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
19	02040202030070-01	McDonalds Branch	Arsenic	Natural Sources				5
09	02030105150020-01	McGellairds Brook (above Taylors Mills)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	Phosphorus	Source Unknown				5
03	02030103070060-01	Meadow Brook / High Mountain Brook	Temperature	Source Unknown				5
17	02040206180030-01	Menantico Creek (above Rt 552)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206180030-01	Menantico Creek (above Rt 552)	Dioxin	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206180030-01	Menantico Creek (above Rt 552)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206180030-01	Menantico Creek (above Rt 552)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206180050-01	Menantico Creek (below Rt 552)	Arsenic	Natural Sources				5
17	02040206180050-01	Menantico Creek (below Rt 552)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206180050-01	Menantico Creek (below Rt 552)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206180050-01	Menantico Creek (below Rt 552)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206180050-01	Menantico Creek (below Rt 552)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206180050-01	Menantico Creek (below Rt 552)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206180050-01	Menantico Creek (below Rt 552)	Total Coliform	Urban Runoff/Storm Sewers				4
11	02040105210080-01	Mercer (Calhoun St to Jacobs Creek)	Cause Unknown	Source Unknown				5
01	02040105140040-01	Merrill Creek	Cause Unknown	Source Unknown				5
01	02040105140040-01	Merrill Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105140040-01	Merrill Creek	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140040-01	Merrill Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
01	02040105140040-01	Merrill Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Total Coliform	Urban Runoff/Storm Sewers				4
13	BarnegatBay03	Metedeconk and Lower Tribs - Bay	Turbidity	Urban Runoff/Storm Sewers				5
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Arsenic	Natural Sources				5
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Cause Unknown	Source Unknown				5
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Lead	Urban Runoff/Storm Sewers				5
13	BarnegatBay02	Metedeconk R Estuary	Enterococcus	Urban Runoff/Storm Sewers				4
13	BarnegatBay02	Metedeconk R Estuary	Total Coliform	Urban Runoff/Storm Sewers				4
13	02040301020010-01	Metedeconk R NB (above I-195)	Arsenic	Industrial Point Source Discharge	Natural Sources			5
13	02040301020010-01	Metedeconk R NB (above I-195)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301020010-01	Metedeconk R NB (above I-195)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301020010-01	Metedeconk R NB (above I-195)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
13	02040301020010-01	Metedeconk R NB (above I-195)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301020010-01	Metedeconk R NB (above I-195)	Lead	Industrial Point Source Discharge				5
13	02040301020010-01	Metedeconk R NB (above I-195)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Contaminated Sediments			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301020010-01	Metedeconk R NB (above I-195)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301020010-01	Metedeconk R NB (above I-195)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
13	02040301020010-01	Metedeconk R NB (above I-195)	Turbidity	Urban Runoff/Storm Sewers	Agriculture			5
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Arsenic	Urban Runoff/Storm Sewers	Natural Sources			5
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Cause Unknown	Source Unknown				5
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Lead	Urban Runoff/Storm Sewers				5
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Cause Unknown	Source Unknown				5
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Arsenic	Natural Sources				5
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Golf Course	Agriculture		5
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Turbidity	Urban Runoff/Storm Sewers	Golf Course	Agriculture		5
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Arsenic	Agriculture	Urban Runoff/Storm Sewers	Natural Sources		5
13	02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	Lead	Source Unknown				5
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Arsenic	Urban Runoff/Storm Sewers	Agriculture	Natural Sources		5
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Cause Unknown	Source Unknown				5
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
13	02040301030030-01	Metedeconk R SB (BennettsPd to 74d19m15s)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Arsenic	Natural Sources				5
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Lead	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Arsenic	Natural Sources				5
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301080020-01	Michaels Branch (Wrangel Brook)	pH	Urban Runoff/Storm Sewers				5
17	02040206200010-01	Middle Branch / Slab Branch	Arsenic	Source Unknown				5
17	02040206200010-01	Middle Branch / Slab Branch	Mercury in Water Column	Atmospheric Depositon - Toxics				5
09	02030105120180-01	Middle Brook	Arsenic	Source Unknown				5
09	02030105120180-01	Middle Brook	Cause Unknown	Source Unknown				5
09	02030105120180-01	Middle Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105060080-01	Middle Brook (NB Raritan River)	Cause Unknown	Source Unknown				5
08	02030105060080-01	Middle Brook (NB Raritan River)	E. Coli	Agriculture				5
09	02030105120050-01	Middle Brook EB	Arsenic	Source Unknown				5
09	02030105120050-01	Middle Brook EB	Dissolved Oxygen	Source Unknown				5
09	02030105120050-01	Middle Brook EB	Phosphorus	Source Unknown				5
09	02030105120050-01	Middle Brook EB	Temperature	Source Unknown				5
09	02030105120050-01	Middle Brook EB	Total Dissolved Solids	Source Unknown				5
09	02030105120060-01	Middle Brook WB	Cause Unknown	Source Unknown				5
09	02030105120060-01	Middle Brook WB	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	Total Coliform	Urban Runoff/Storm Sewers				4
15	02040302050120-01	Middle River / Peters Creek	Dissolved Oxygen	Source Unknown	Natural Sources			5
15	02040302050120-01	Middle River / Peters Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
15	02040302050120-01	Middle River / Peters Creek	Total Coliform	Urban Runoff/Storm Sewers				4
09	02030105120150-01	Mile Run	Cause Unknown	Source Unknown				5
09	02030105120150-01	Mile Run	E. Coli	Urban Runoff/Storm Sewers				5
15	02040302060010-01	Mill Br (above Cardiff-Bargaintown rd)	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301140020-01	Mill Branch (below GS Parkway)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Golf Course			5
13	02040301140020-01	Mill Branch (below GS Parkway)	E. Coli	Urban Runoff/Storm Sewers				5
13	02040301140020-01	Mill Branch (below GS Parkway)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301140020-01	Mill Branch (below GS Parkway)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103030080-01	Mill Brook (Morris Co)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105160080-01	Mill Brook / Martins Creek	Cause Unknown	Source Unknown				5
09	02030105160080-01	Mill Brook / Martins Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301130020-01	Mill Ck (above GS Parkway)	pH	Urban Runoff/Storm Sewers				5
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Cause Unknown	Source Unknown				5
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	E. Coli	Urban Runoff/Storm Sewers				5
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090050-01	Mill Creek (below Maple House Bk)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206090050-01	Mill Creek (below Maple House Bk)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206110040-01	Mill Creek (Dividing Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206110040-01	Mill Creek (Dividing Creek)	Total Coliform	Urban Runoff/Storm Sewers				5
17	02040206160040-01	Mill Creek (lower)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
19	02040202080030-01	Mill Creek (Willingboro)	Arsenic	Agriculture				5
19	02040202080030-01	Mill Creek (Willingboro)	E. Coli	Urban Runoff/Storm Sewers				5
19	02040202080030-01	Mill Creek (Willingboro)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202080030-01	Mill Creek (Willingboro)	Phosphorus	Source Unknown				5
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Cause Unknown	Source Unknown				5
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Total Coliform	Urban Runoff/Storm Sewers				4
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Total Coliform	Urban Runoff/Storm Sewers				4
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Total Coliform	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
10	02030105100010-01	Millstone R (above Rt 33)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105100010-01	Millstone R (above Rt 33)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105100010-01	Millstone R (above Rt 33)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105100010-01	Millstone R (above Rt 33)	Total Suspended Solids	Natural Sources	Agriculture	Urban Runoff/Storm Sewers		5
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Total Suspended Solids	Natural Sources	Agriculture	Urban Runoff/Storm Sewers		5
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Dissolved Oxygen	Agriculture	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	pH	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Phosphorus	Agriculture	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
10	02030105110030-01	Millstone R (Beden Bk to Heathcote Bk)	Temperature	Municipal Point Source Discharges	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Urban Runoff/Storm Sewers	Agriculture	5
10	02030105110170-01	Millstone R (below Amwell Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105110170-01	Millstone R (below Amwell Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
10	02030105110170-01	Millstone R (below Amwell Rd)	pH	Transfer of Water from an Outside Watershed	Agriculture	Urban Runoff/Storm Sewers		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
10	02030105110170-01	Millstone R (below Amwell Rd)	Phosphorus	Transfer of Water from an Outside Watershed	Agriculture		Urban Runoff/Storm Sewers	5
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Arsenic	Urban Runoff/Storm Sewers				5
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Dissolved Oxygen	Source Unknown				5
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Phosphorus	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Total Suspended Solids	Source Unknown				5
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	pH	Source Unknown				5
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Phosphorus	Source Unknown				5
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Temperature	Source Unknown				5
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Dissolved Oxygen	Source Unknown				5
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Phosphorus	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Dissolved Oxygen	Source Unknown				5
10	02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	Phosphorus	Source Unknown				5
12	02030104070050-01	Mine Brook (Monmouth Co)	Arsenic	Urban Runoff/Storm Sewers				5
12	02030104070050-01	Mine Brook (Monmouth Co)	E. Coli	Urban Runoff/Storm Sewers				4



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104070050-01	Mine Brook (Monmouth Co)	Phosphorus	Urban Runoff/Storm Sewers				5
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Total Suspended Solids	Urban Runoff/Storm Sewers	Golf Course			5
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Turbidity	Urban Runoff/Storm Sewers	Golf Course			5
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	E. Coli	Urban Runoff/Storm Sewers				5
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Phosphorus	Urban Runoff/Storm Sewers	Golf Course			5
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	Turbidity	Urban Runoff/Storm Sewers	Golf Course			5
11	02040105240030-01	Miry Run (Assunpink Cr)	Arsenic	Source Unknown				5
11	02040105240030-01	Miry Run (Assunpink Cr)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105240030-01	Miry Run (Assunpink Cr)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		4
04	02030103120040-01	Molly Ann Brook	Arsenic	Source Unknown				5
04	02030103120040-01	Molly Ann Brook	Cause Unknown	Source Unknown				5
04	02030103120040-01	Molly Ann Brook	Total Dissolved Solids	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Cause Unknown	Source Unknown				5
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Total Coliform	Urban Runoff/Storm Sewers				4
06	02030103030160-01	Montville Tribs	Cause Unknown	Source Unknown				5
11	02040105210040-01	Moore Creek	Temperature	Source Unknown				5
07	02030104030010-01	Morses Creek / Piles Creek	Arsenic	Source Unknown				5
07	02030104030010-01	Morses Creek / Piles Creek	Benzo(a)Pyrene	Source Unknown				5
07	02030104030010-01	Morses Creek / Piles Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104030010-01	Morses Creek / Piles Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104030010-01	Morses Creek / Piles Creek	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104030010-01	Morses Creek / Piles Creek	Dioxin	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
07	02030104030010-01	Morses Creek / Piles Creek	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104030010-01	Morses Creek / Piles Creek	Hexachlorobenzene	Source Unknown				5
07	02030104030010-01	Morses Creek / Piles Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
07	02030104030010-01	Morses Creek / Piles Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104030010-01	Morses Creek / Piles Creek	Phosphorus	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
14	02040301200100-01	Morses Mill Stream	pH	Urban Runoff/Storm Sewers	Agriculture			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Cause Unknown	Source Unknown				5
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers	Agriculture		5
18	02040202140040-01	Moss Branch / Little Timber Ck (Repaupo)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	Total Coliform	Urban Runoff/Storm Sewers				4
01	02040105090040-01	Mountain Lake Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105090040-01	Mountain Lake Brook	Temperature	Source Unknown				5
13	02040301020040-01	Muddy Ford Brook	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	Cause Unknown	Source Unknown				5
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
08	02030105020030-01	Mulhockaway Creek	Dissolved Oxygen	Source Unknown				5
08	02030105020030-01	Mulhockaway Creek	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105020030-01	Mulhockaway Creek	Temperature	Source Unknown				5
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Total Coliform	Agriculture				4
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	pH	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160020-01	Mullica River (above Jackson Road)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160020-01	Mullica River (above Jackson Road)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
14	02040301160020-01	Mullica River (above Jackson Road)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160020-01	Mullica River (above Jackson Road)	pH	Urban Runoff/Storm Sewers	Agriculture			5
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Total Coliform	Urban Runoff/Storm Sewers	Agriculture			4
14	02040301210010-01	Mullica River (below GSP bridge)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
14	02040301210010-01	Mullica River (below GSP bridge)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301210010-01	Mullica River (below GSP bridge)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	pH	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	pH	Urban Runoff/Storm Sewers	Agriculture			5
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Arsenic	Natural Sources				5
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers	Agriculture		5
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Total Coliform	Urban Runoff/Storm Sewers				4
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105160070-01	Musconetcong R (below Warren Glen)	Arsenic	Source Unknown				5
01	02040105160070-01	Musconetcong R (below Warren Glen)	Dissolved Oxygen	Source Unknown				5
01	02040105160070-01	Musconetcong R (below Warren Glen)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	pH	Source Unknown				5
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Temperature	Source Unknown				5
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	E. Coli	Urban Runoff/Storm Sewers				4
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	pH	Source Unknown				5
01	02040105160060-01	Musconetcong R (Warren Glen to 78)	Arsenic	Source Unknown				5
01	02040105160060-01	Musconetcong R (Warren Glen to 78)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105150110-01	Musconetcong R (Waterloo area)	E. Coli	Urban Runoff/Storm Sewers				4
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Cause Unknown	Source Unknown				5
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	E. Coli	Urban Runoff/Storm Sewers				4
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	E. Coli	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	pH	Municipal Point Source Discharges	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Urban Runoff/Storm Sewers	Agriculture	5
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Phosphorus	Source Unknown				4
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Temperature	Source Unknown				5
17	02040206200020-01	Muskee Creek	Arsenic	Natural Sources				5
17	02040206200020-01	Muskee Creek	Mercury in Water Column	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
17	02040206200020-01	Muskee Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206200020-01	Muskee Creek	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301200120-01	Nacote Creek (below/incl Mill Pond)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206100070-01	Nantuxent Creek (below Newport Landing)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206100070-01	Nantuxent Creek (below Newport Landing)	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104070120-01	Navesink R mouth	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070120-01	Navesink R mouth	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070120-01	Navesink R mouth	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture			5
12	02030104070120-01	Navesink R mouth	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070120-01	Navesink R mouth	Total Coliform	Urban Runoff/Storm Sewers				4
08	02030105030070-01	Neshanic River (below Black Brk)	Arsenic	Source Unknown				5
08	02030105030070-01	Neshanic River (below Black Brk)	Dissolved Oxygen	Source Unknown				5
08	02030105030070-01	Neshanic River (below Black Brk)	E. Coli	Urban Runoff/Storm Sewers				5
08	02030105030070-01	Neshanic River (below Black Brk)	pH	Source Unknown				5
08	02030105030070-01	Neshanic River (below Black Brk)	Phosphorus	Source Unknown				5
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Arsenic	Source Unknown				5
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Dissolved Oxygen	Source Unknown				5
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	pH	Source Unknown				5
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Phosphorus	Source Unknown				5
17	02040206110070-01	New England Creek (Kenny Pt to Elder Pt)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105230030-01	New Sharon Branch (Assumpink Creek)	E. Coli	Urban Runoff/Storm Sewers				5
11	02040105230030-01	New Sharon Branch (Assumpink Creek)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
11	02040105230030-01	New Sharon Branch (Assumpink Creek)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Cause Unknown	Source Unknown				5
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040105070020-01	New Wawayanda Lake/Andover Pond trib	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010010-01	Newark Airport Peripheral Ditch	Benzo(a)Pyrene	Source Unknown				5
07	02030104010010-01	Newark Airport Peripheral Ditch	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010010-01	Newark Airport Peripheral Ditch	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010010-01	Newark Airport Peripheral Ditch	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104010010-01	Newark Airport Peripheral Ditch	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	5
07	02030104010010-01	Newark Airport Peripheral Ditch	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104010010-01	Newark Airport Peripheral Ditch	Hexachlorobenzene	Source Unknown				5
07	02030104010010-01	Newark Airport Peripheral Ditch	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
07	02030104010010-01	Newark Airport Peripheral Ditch	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010010-01	Newark Airport Peripheral Ditch	Phosphorus	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers		5
17	02040206110010-01	Newport Neck (Nantuxent to Beadons Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206110010-01	Newport Neck (Nantuxent to Beadons Ck)	Total Coliform	Urban Runoff/Storm Sewers				4
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Arsenic	Industrial Point Source Discharge				5
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	E. Coli	Combined Sewer Overflows	Urban Runoff/Storm Sewers			5
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120090-01	Newton Creek (LDRV-Kaighn Ave to LT Ck)	Phosphorus	Source Unknown				5
20	02040201040060-01	North Run (above Wrightstown bypass)	Arsenic	Source Unknown				5
20	02040201040060-01	North Run (above Wrightstown bypass)	Phosphorus	Agriculture				5
12	02030104070090-01	Nut Swamp Brook	Cause Unknown	Source Unknown				5
12	02030104070090-01	Nut Swamp Brook	E. Coli	Urban Runoff/Storm Sewers				5
12	02030104070090-01	Nut Swamp Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105130030-01	Oakeys Brook	Cause Unknown	Source Unknown				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	Cause Unknown	Source Unknown				5
13	02040301070060-01	Old Hurricane Brook (above 74d22m30s)	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Arsenic	Source Unknown				5
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202160060-01	Oldmans Creek (below Center Sq Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Total Suspended Solids	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
19	02040202020020-01	Ong Run / Jacks Run	E. Coli	Urban Runoff/Storm Sewers				4
19	02040202020020-01	Ong Run / Jacks Run	pH	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206110030-01	Oranoaken Creek	Dissolved Oxygen	Source Unknown				5
17	02040206110030-01	Oranoaken Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206110030-01	Oranoaken Creek	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301180020-01	Oswego River (above Rt 539)	Arsenic	Unspecified Land Disturbance				5
14	02040301180020-01	Oswego River (above Rt 539)	Dissolved Oxygen	Unspecified Land Disturbance				5
14	02040301180020-01	Oswego River (above Rt 539)	Total Suspended Solids	Unspecified Land Disturbance				5
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301180070-01	Oswego River (below Andrews Road)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Arsenic	Unspecified Land Disturbance				5
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Dissolved Oxygen	Unspecified Land Disturbance				5
14	02040301180040-01	Oswego River (Sim Place Resv to Rt 539)	Total Suspended Solids	Unspecified Land Disturbance				5
05	02030103180040-01	Overpeck Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180040-01	Overpeck Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180040-01	Overpeck Creek	Dioxin	Source Unknown				5
05	02030103180040-01	Overpeck Creek	E. Coli	Combined Sewer Overflows	Agriculture	Urban Runoff/Storm Sewers		5
05	02030103180040-01	Overpeck Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
05	02030103180040-01	Overpeck Creek	Phosphorus	Source Unknown				4
13	02040301110050-01	Oyster Creek (below Rt 532)	E. Coli	Urban Runoff/Storm Sewers	Industrial Point Source Discharge			5
13	02040301110050-01	Oyster Creek (below Rt 532)	Total Coliform	Urban Runoff/Storm Sewers				4
03	02030103050020-01	Pacock Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206150030-01	Palatine Branch (Muddy Run)	Cause Unknown	Source Unknown				5
02	02020007020010-01	Papakating Ck (above Frankford Plains)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007020070-01	Papakating Ck (below Pellettown)	Cause Unknown	Source Unknown				5
02	02020007020070-01	Papakating Ck (below Pellettown)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007020070-01	Papakating Ck (below Pellettown)	Phosphorus	Source Unknown				4
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	Cause Unknown	Source Unknown				5
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	E. Coli	Agriculture				4
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202140030-01	Pargay Creek	E. Coli	Agriculture				5
18	02040202140030-01	Pargay Creek	Phosphorus	Agriculture				5
19	02040202080010-01	Parkers Creek (above Marne Highway)	Phosphorus	Source Unknown				5
12	02030104080020-01	Parkers Creek / Oceanport Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104080020-01	Parkers Creek / Oceanport Creek	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104080020-01	Parkers Creek / Oceanport Creek	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104080020-01	Parkers Creek / Oceanport Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
12	02030104080020-01	Parkers Creek / Oceanport Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080020-01	Parkers Creek / Oceanport Creek	pH	Urban Runoff/Storm Sewers				5
12	02030104080020-01	Parkers Creek / Oceanport Creek	Phosphorus	Urban Runoff/Storm Sewers				5
12	02030104080020-01	Parkers Creek / Oceanport Creek	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206080030-01	Parsonage Run / Foster Run	Arsenic	Source Unknown				5
17	02040206080030-01	Parsonage Run / Foster Run	Mercury in Water Column	Source Unknown				5
17	02040206080030-01	Parsonage Run / Foster Run	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		4
17	02040206080030-01	Parsonage Run / Foster Run	Total Suspended Solids	Source Unknown				5
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Cause Unknown	Source Unknown				5
05	02030103170010-01	Pascack Brook (above Westwood gage)	Arsenic	Source Unknown				5
05	02030103170010-01	Pascack Brook (above Westwood gage)	E. Coli	Urban Runoff/Storm Sewers				4
05	02030103170010-01	Pascack Brook (above Westwood gage)	Phosphorus	Source Unknown				4
05	02030103170020-01	Pascack Brook (below Westwood gage)	Arsenic	Urban Runoff/Storm Sewers				5
05	02030103170020-01	Pascack Brook (below Westwood gage)	Dissolved Oxygen	Source Unknown				5
05	02030103170020-01	Pascack Brook (below Westwood gage)	E. Coli	Urban Runoff/Storm Sewers				4
05	02030103170020-01	Pascack Brook (below Westwood gage)	pH	Source Unknown				5
05	02030103170020-01	Pascack Brook (below Westwood gage)	Phosphorus	Urban Runoff/Storm Sewers				4
05	02030103170020-01	Pascack Brook (below Westwood gage)	Total Dissolved Solids	Source Unknown				5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Arsenic	Source Unknown				5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Benzo(a)Pyrene	Source Unknown				5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Dieldrin	Contaminated Sediments	Source Unknown			5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Urban Runoff/Storm Sewers		5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Dissolved Oxygen	Source Unknown				5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Urban Runoff/Storm Sewers	Industrial Point Source Discharge	5
04	02030103150040-01	Passaic R Lwr (4th St br to Second R)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	E. Coli	Urban Runoff/Storm Sewers				5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	pH	Source Unknown				5
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Phosphorus	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers		4
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	E. Coli	Combined Sewer Overflows	Urban Runoff/Storm Sewers			4
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Urban Runoff/Storm Sewers	Industrial Point Source Discharge	5
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	pH	Source Unknown				5
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Phosphorus	Source Unknown				4
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Arsenic	Source Unknown				5
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Mercury in Fish Tissue	Source Unknown				5
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	pH	Source Unknown				5
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Phosphorus	Source Unknown				4
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Arsenic	Source Unknown				5
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	pH	Source Unknown				5
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Phosphorus	Source Unknown				4
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Arsenic	Source Unknown				5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Benzo(a)Pyrene	Source Unknown				5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Cause Unknown	Source Unknown				5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Dieldrin	Contaminated Sediments	Source Unknown			5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Dioxin	Urban Runoff/Storm Sewers	Combined Sewer Overflows	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Urban Runoff/Storm Sewers	Industrial Point Source Discharge	5
04	02030103150050-01	Passaic R Lwr (Nwk Bay to 4th St brdg)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Benzo(a)Pyrene	Source Unknown				5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Dieldrin	Contaminated Sediments	Source Unknown			5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Dioxin	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Mercury in Fish Tissue	Source Unknown				5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	pH	Source Unknown				5
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Phosphorus	Combined Sewer Overflows	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers	5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Arsenic	Source Unknown				5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Benzo(a)Pyrene	Source Unknown				5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Dieldrin	Contaminated Sediments	Source Unknown			5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Dioxin	Source Unknown				5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Dissolved Oxygen	Source Unknown				5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	pH	Source Unknown				5
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Phosphorus	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	Total Suspended Solids	Source Unknown				5
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Phosphorus	Source Unknown				4
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Total Suspended Solids	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	pH	Source Unknown				5
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Phosphorus	Urban Runoff/Storm Sewers				4
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Arsenic	Urban Runoff/Storm Sewers				5
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Phosphorus	Source Unknown				4
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Total Suspended Solids	Natural Sources	Agriculture	Urban Runoff/Storm Sewers		5
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Arsenic	Source Unknown				5
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Dissolved Oxygen	Source Unknown				5
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Phosphorus	Source Unknown				4
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Total Dissolved Solids	Source Unknown				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Total Suspended Solids	Source Unknown				5
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Arsenic	Urban Runoff/Storm Sewers				5
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Phosphorus	Source Unknown				4
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Dissolved Oxygen	Source Unknown				5
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Phosphorus	Source Unknown				4
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Total Suspended Solids	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Arsenic	Urban Runoff/Storm Sewers				5
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers	Agriculture		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Phosphorus	Source Unknown				4
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Total Suspended Solids	Source Unknown				5
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Dissolved Oxygen	Source Unknown				5
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Phosphorus	Source Unknown				4
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Total Dissolved Solids	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Total Suspended Solids	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Arsenic	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Dissolved Oxygen	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers		5
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Phosphorus	Source Unknown				4
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Total Suspended Solids	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Total Coliform	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040105040060-01	Paulins Kill (above Rt 15)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	5
01	02040105040060-01	Paulins Kill (above Rt 15)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105040060-01	Paulins Kill (above Rt 15)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
01	02040105050050-01	Paulins Kill (below Blairstown gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Temperature	Source Unknown				5
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Urban Runoff/Storm Sewers		5
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
08	02030105060050-01	Peapack Brook (above/incl Gladstone Bk)	Cause Unknown	Source Unknown				5
08	02030105060060-01	Peapack Brook (below Gladstone Brook)	Cause Unknown	Source Unknown				5
04	02030103120010-01	Peckman River (above CG Res trib)	Cause Unknown	Source Unknown				5
04	02030103120010-01	Peckman River (above CG Res trib)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103120010-01	Peckman River (above CG Res trib)	Phosphorus	Source Unknown				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103120020-01	Peckman River (below CG Res trib)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103120020-01	Peckman River (below CG Res trib)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103120020-01	Peckman River (below CG Res trib)	Phosphorus	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		4
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	Cause Unknown	Source Unknown				5
19	02040202040020-01	Pemberton / Ft Dix trib (NB Rancocas Ck)	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Arsenic	Urban Runoff/Storm Sewers				5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Lead	Urban Runoff/Storm Sewers				5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Phosphorus	Source Unknown				5
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Arsenic	Source Unknown				5
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Cause Unknown	Source Unknown				5
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		4
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Arsenic	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Dissolved Oxygen	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Total Suspended Solids	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	Agriculture		5
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Arsenic	Municipal Point Source Discharges	Urban Runoff/Storm Sewers			5
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	E. Coli	Urban Runoff/Storm Sewers				4
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Total Suspended Solids	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	Agriculture		5
15	02040302030070-01	Penny Pot Stream (GEHR)	pH	Agriculture	Urban Runoff/Storm Sewers			5
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Arsenic	Source Unknown				5
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Dissolved Oxygen	Source Unknown				5
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	E. Coli	Urban Runoff/Storm Sewers				5
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Temperature	Source Unknown				4
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Temperature	Source Unknown				4
03	02030103050080-01	Pequannock R (below Macopin gage)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103050080-01	Pequannock R (below Macopin gage)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103050080-01	Pequannock R (below Macopin gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103050080-01	Pequannock R (below Macopin gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103050080-01	Pequannock R (below Macopin gage)	Temperature	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Arsenic	Source Unknown				5
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Dissolved Oxygen	Source Unknown				5
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Temperature	Source Unknown				4
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Cause Unknown	Source Unknown				5
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Temperature	Source Unknown				4
01	02040105070030-01	Pequest R (above Brighton)	Dissolved Oxygen	Source Unknown				5
01	02040105070030-01	Pequest R (above Brighton)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105090060-01	Pequest R (below Furnace Brook)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
01	02040105090060-01	Pequest R (below Furnace Brook)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105090060-01	Pequest R (below Furnace Brook)	pH	Source Unknown				5
01	02040105090020-01	Pequest R (Cemetary Road to Drag Strip)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105090030-01	Pequest R (Furnace Bk to Cemetary Road)	Cause Unknown	Source Unknown				5
01	02040105090030-01	Pequest R (Furnace Bk to Cemetary Road)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	E. Coli	Agriculture				5
01	02040105070040-01	Pequest R (Trout Brook to Brighton)	pH	Source Unknown				5
09	02030105080010-01	Peters Brook	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
09	02030105080010-01	Peters Brook	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104060060-01	Pews Creek to Shrewsbury River	Arsenic	Urban Runoff/Storm Sewers				5
12	02030104060060-01	Pews Creek to Shrewsbury River	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060060-01	Pews Creek to Shrewsbury River	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060060-01	Pews Creek to Shrewsbury River	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104060060-01	Pews Creek to Shrewsbury River	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Contaminated Sediments	Urban Runoff/Storm Sewers		5
12	02030104060060-01	Pews Creek to Shrewsbury River	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060060-01	Pews Creek to Shrewsbury River	Phosphorus	Urban Runoff/Storm Sewers	Municipal Point Source Discharges			5
12	02030104060060-01	Pews Creek to Shrewsbury River	Total Coliform	Urban Runoff/Storm Sewers				5
17	02040206070090-01	Phillips Creek / Jacobs Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206070090-01	Phillips Creek / Jacobs Creek	Total Coliform	Urban Runoff/Storm Sewers				4
10	02030105110080-01	Pike Run (above Crusier Brook)	Cause Unknown	Source Unknown				5
10	02030105110100-01	Pike Run (below Crusier Brook)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105110100-01	Pike Run (below Crusier Brook)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
12	02030104070080-01	Pine Brook / Hockhockson Brook	Arsenic	Urban Runoff/Storm Sewers	Agriculture	Nps Pollution from Military Base Facilities (Other than Port Facilities)		5
12	02030104070080-01	Pine Brook / Hockhockson Brook	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104070080-01	Pine Brook / Hockhockson Brook	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070080-01	Pine Brook / Hockhockson Brook	Temperature	Urban Runoff/Storm Sewers	Agriculture	Loss of Riparian Habitat		5
12	02030104070080-01	Pine Brook / Hockhockson Brook	Total Coliform	Urban Runoff/Storm Sewers	Agriculture			4
17	02040206090090-01	Pine Mount Creek	Cause Unknown	Source Unknown				5
17	02040206090090-01	Pine Mount Creek	Total Coliform	Urban Runoff/Storm Sewers				4
08	02030105040020-01	Pleasant Run	Cause Unknown	Source Unknown				5
08	02030105040020-01	Pleasant Run	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105200050-01	Plum Creek	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105200050-01	Plum Creek	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140010-01	Pohatcong Ck (above Rt 31)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Arsenic	Source Unknown				5
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Total Suspended Solids	Source Unknown				5
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Arsenic	Source Unknown				5
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	pH	Source Unknown				5
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Total Suspended Solids	Source Unknown				5
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Arsenic	Source Unknown				5
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	pH	Source Unknown				5
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Total Suspended Solids	Source Unknown				5
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Arsenic	Source Unknown				5
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	BarnegatBay01	Point Pleasant Canal and Bay Head Harbor	Total Coliform	Urban Runoff/Storm Sewers				4
19	02040202030060-01	Pole Bridge Br (CountryLk dam - Co line)	Dissolved Oxygen	Source Unknown				5
18	02040202090020-01	Pompeston Creek (above Rt 130)	Dissolved Oxygen	Source Unknown				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202090020-01	Pompeston Creek (above Rt 130)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202090020-01	Pompeston Creek (above Rt 130)	pH	Source Unknown				5
18	02040202090020-01	Pompeston Creek (above Rt 130)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	Cause Unknown	Source Unknown				5
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202090030-01	Pompeston Creek (below Rt130/Swede to 40d)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103110020-01	Pompton River	Cause Unknown	Source Unknown				5
03	02030103110020-01	Pompton River	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103110020-01	Pompton River	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103110020-01	Pompton River	E. Coli	Urban Runoff/Storm Sewers				5
03	02030103110020-01	Pompton River	Lead	Source Unknown				5
03	02030103110020-01	Pompton River	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103110020-01	Pompton River	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103110020-01	Pompton River	Phosphorus	Source Unknown				4
16	02040206230070-01	Pond Creek / Cape May Canal West	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206230070-01	Pond Creek / Cape May Canal West	Phosphorus	Urban Runoff/Storm Sewers				4
16	02040206230070-01	Pond Creek / Cape May Canal West	Total Coliform	Urban Runoff/Storm Sewers				4
11	02040105240040-01	Pond Run	Total Suspended Solids	Agriculture	Urban Runoff/Storm Sewers			5
11	02040105240040-01	Pond Run	Turbidity	Source Unknown				5
12	02030104090020-01	Poplar Brook	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104090020-01	Poplar Brook	Phosphorus	Urban Runoff/Storm Sewers				5
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Total Coliform	Urban Runoff/Storm Sewers				4
08	02030105050050-01	Pottersville trib (Lamington River)	E. Coli	Agriculture				4
08	02030105050050-01	Pottersville trib (Lamington River)	Temperature	Source Unknown				5
04	02030103120030-01	Preakness Brook / Naachtpunkt Brook	Cause Unknown	Source Unknown				5
04	02030103120030-01	Preakness Brook / Naachtpunkt Brook	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Arsenic	Source Unknown				5
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	E. Coli	Urban Runoff/Storm Sewers				5
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Phosphorus	Source Unknown				4
06	02030103010020-01	Primrose Brook	Arsenic	Source Unknown				5
06	02030103010020-01	Primrose Brook	Dissolved Oxygen	Source Unknown				5
06	02030103010020-01	Primrose Brook	pH	Source Unknown				5
06	02030103010020-01	Primrose Brook	Temperature	Source Unknown				5
06	02030103010020-01	Primrose Brook	Turbidity	Source Unknown				5
14	02040301160070-01	Pump Branch (above 74d53m road)	pH	Agriculture	Urban Runoff/Storm Sewers			5
14	02040301160080-01	Pump Branch (below 74d53m road)	pH	Agriculture	Urban Runoff/Storm Sewers			5
02	02020007030020-01	Quarryville Brook	Temperature	Source Unknown				5
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	pH	Source Unknown				5
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Phosphorus	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	pH	Source Unknown				5
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Phosphorus	Source Unknown				5
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Turbidity	Source Unknown				5
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Phosphorus	Source Unknown				5
18	02040202150030-01	Raccoon Ck SB	Cause Unknown	Source Unknown				5
17	02040206070070-01	Raccoon Ditch (Stow Creek)	Dissolved Oxygen	Source Unknown				5
17	02040206070070-01	Raccoon Ditch (Stow Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Benzo(a)Pyrene	Source Unknown				5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050100-01	Rahway River (below Robinsons Branch)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Municipal Point Source Discharges	Urban Runoff/Storm Sewers	5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Hexachlorobenzene	Source Unknown				5
07	02030104050100-01	Rahway River (below Robinsons Branch)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
07	02030104050100-01	Rahway River (below Robinsons Branch)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Dissolved Oxygen	Source Unknown				5
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Industrial Point Source Discharge		5
07	02030104050060-01	Rahway River (Robinsons Br to KenilworthBlvd)	Phosphorus	Combined Sewer Overflows	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers	5
07	02030104050020-01	Rahway River EB	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104050090-01	Rahway River SB	Dioxin	Atmospheric Depositon - Toxics	Combined Sewer Overflows	Urban Runoff/Storm Sewers		5
07	02030104050090-01	Rahway River SB	E. Coli	Combined Sewer Overflows	Urban Runoff/Storm Sewers			4
07	02030104050090-01	Rahway River SB	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050090-01	Rahway River SB	Phosphorus	Combined Sewer Overflows	Industrial Point Source Discharge	Urban Runoff/Storm Sewers		5
07	02030104050090-01	Rahway River SB	Total Dissolved Solids	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
07	02030104050010-01	Rahway River WB	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104050010-01	Rahway River WB	Phosphorus	Urban Runoff/Storm Sewers				5
07	02030104050010-01	Rahway River WB	Sulfate	Source Unknown				5
07	02030104050010-01	Rahway River WB	Total Dissolved Solids	Urban Runoff/Storm Sewers				5
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Dissolved Oxygen	Source Unknown				5
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Phosphorus	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			4
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Phosphorus	Source Unknown				4
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Temperature	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	pH	Source Unknown				5
3	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Phosphorus	Source Unknown				4
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	pH	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Phosphorus	Source Unknown				4
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Temperature	Source Unknown				5
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Phosphorus	Urban Runoff/Storm Sewers				4
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Temperature	Source Unknown				5
19	02040202080050-01	Rancocas Ck (below Rt 130)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
19	02040202080050-01	Rancocas Ck (below Rt 130)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Dissolved Oxygen	Source Unknown				5
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	E. Coli	Urban Runoff/Storm Sewers				5
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202080020-01	Rancocas Ck (Martins Beach to NB/SB)	Phosphorus	Source Unknown				5
19	02040202080040-01	Rancocas Ck (Rt 130 to Martins Beach)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5
19	02040202040050-01	Rancocas Ck NB (below Smithville)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
19	02040202040050-01	Rancocas Ck NB (below Smithville)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Phosphorus	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Arsenic	Natural Sources				5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Copper	Urban Runoff/Storm Sewers				5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Lead	Atmospheric Depositon - Toxics				5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	pH	Source Unknown				5
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Arsenic	Source Unknown				5
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Copper	Source Unknown				5
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	pH	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Arsenic	Agriculture				5
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	Copper	Source Unknown				5
19	02040202040010-01	Rancocas Ck NB (Pemberton br to NL dam)	pH	Source Unknown				5
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Arsenic	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Copper	Source Unknown				5
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Phosphorus	Urban Runoff/Storm Sewers	Municipal Point Source Discharges	Package Plant or Other Permitted Small Flows Discharges	Agriculture	5
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Turbidity	Source Unknown				5
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Arsenic	Agriculture				5
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	E. Coli	Agriculture				5
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	pH	Agriculture				5
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Phosphorus	Agriculture				5
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Dissolved Oxygen	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202070030-01	Rancocas Ck SB (below Rt 38)	Phosphorus	Source Unknown				5
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	pH	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Dissolved Oxygen	Source Unknown				5
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202070020-01	Rancocas Ck SB (Rt 38 to Bobbys Run)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Arsenic	Industrial Point Source Discharge	Agriculture			5
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Dissolved Oxygen	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	pH	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Arsenic	Agriculture				5
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Nitrate	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	pH	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Total Suspended Solids	Urban Runoff/Storm Sewers				5
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Arsenic	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Dissolved Oxygen	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	pH	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Phosphorus	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers		5
12	02030104910030-01	Raritan Bay ( deep water)	Benzo(a)Pyrene	Source Unknown				5
12	02030104910030-01	Raritan Bay ( deep water)	Cause Unknown	Source Unknown				5
12	02030104910030-01	Raritan Bay ( deep water)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910030-01	Raritan Bay ( deep water)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910030-01	Raritan Bay ( deep water)	Dieldrin	Contaminated Sediments	Source Unknown			5
12	02030104910030-01	Raritan Bay ( deep water)	Dioxin	Source Unknown				5
12	02030104910030-01	Raritan Bay ( deep water)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
12	02030104910030-01	Raritan Bay ( deep water)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910030-01	Raritan Bay ( deep water)	Total Coliform	Urban Runoff/Storm Sewers				5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Benzo(a)Pyrene	Source Unknown				5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Dieldrin	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Dioxin	Source Unknown				5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Municipal Point Source Discharges	Industrial Point Source Discharge		5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	pH	Urban Runoff/Storm Sewers				5
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Total Coliform	Urban Runoff/Storm Sewers				5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Benzo(a)Pyrene	Source Unknown				5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Dieldrin	Contaminated Sediments	Source Unknown			5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Dioxin	Source Unknown				5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Enterococcus	Urban Runoff/Storm Sewers				5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	Total Coliform	Urban Runoff/Storm Sewers				5
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Arsenic	Source Unknown				5
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Benzene	Cercla NPL (Superfund) Sites				5
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	pH	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Phosphorus	Source Unknown				5
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Total Suspended Solids	Source Unknown				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Benzo(a)Pyrene	Source Unknown				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Dieldrin	Contaminated Sediments	Source Unknown			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Dioxin	Source Unknown				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Enterococcus	Urban Runoff/Storm Sewers				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	pH	Source Unknown				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Phosphorus	Source Unknown				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Temperature	Source Unknown				5
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	Total Suspended Solids	Source Unknown				5
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Arsenic	Natural Sources	Urban Runoff/Storm Sewers			5
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Benzene	Cercla NPL (Superfund) Sites				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	pH	Source Unknown				5
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Phosphorus	Source Unknown				5
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Temperature	Source Unknown				5
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pisctwy)	Total Suspended Solids	Source Unknown				5
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	pH	Source Unknown				5
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Phosphorus	Source Unknown				5
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Temperature	Source Unknown				5
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Total Suspended Solids	Source Unknown				5
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Turbidity	Source Unknown				5
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	pH	Source Unknown				5
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Phosphorus	Source Unknown				5
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Temperature	Source Unknown				5
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Turbidity	Source Unknown				5
08	02030105060010-01	Raritan R NB (above/incl India Bk)	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105070030-01	Raritan R NB (below Rt 28)	Arsenic	Source Unknown				5
08	02030105070030-01	Raritan R NB (below Rt 28)	E. Coli	Urban Runoff/Storm Sewers				4
08	02030105070030-01	Raritan R NB (below Rt 28)	pH	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Dissolved Oxygen	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture			5
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Temperature	Source Unknown				5
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Arsenic	Source Unknown				5
08	02030105060070-01	Raritan R NB (incl Mine Bk to Peapack Bk)	Cause Unknown	Source Unknown				5
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Dissolved Oxygen	Source Unknown				5
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105060040-01	Raritan R NB (Peapack Bk to McVickers Bk)	Total Suspended Solids	Source Unknown				5
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Arsenic	Source Unknown				5
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Cause Unknown	Source Unknown				5
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Dissolved Oxygen	Source Unknown				5
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	pH	Source Unknown				5
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Temperature	Source Unknown				5
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Cause Unknown	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	pH	Source Unknown				5
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	pH	Source Unknown				5
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Temperature	Package Plant or Other Permitted Small Flows Discharges	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Urban Runoff/Storm Sewers	Agriculture	5
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Phosphorus	Source Unknown				5
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Temperature	Source Unknown				5
08	02030105020070-01	Raritan R SB (River Rd to Spruce Run)	Total Suspended Solids	Source Unknown				5
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	E. Coli	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Arsenic	Source Unknown				5
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Cause Unknown	Source Unknown				5
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	pH	Source Unknown				5
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Phosphorus	Source Unknown				5
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Temperature	Source Unknown				5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Benzo(a)Pyrene	Source Unknown				5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Dieldrin	Contaminated Sediments	Source Unknown			5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Dioxin	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
09	02030105160090-01	Red Root Creek / Crows Mill Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
15	02040302010010-01	Reeds Bay / Absecon Bay & tribs	Dissolved Oxygen	Urban Runoff/Storm Sewers	Natural Sources			5
18	02040202140050-01	Repaupo Ck (belowTomlin Sta Rd)/CedarSwamp	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers	Agriculture		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
18	02040202140050-01	Repaupo Ck (belowTomlin Sta Rd)/CedarSwamp	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Arsenic	Natural Sources				5
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	E. Coli	Urban Runoff/Storm Sewers				5
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	pH	Urban Runoff/Storm Sewers	Nps Pollution from Military Base Facilities (Other than Port Facilities)			5
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to HarrisBr)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
16	02040206210010-01	Riggins Ditch (Moores Beach to East Pt)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206210010-01	Riggins Ditch (Moores Beach to East Pt)	Total Coliform	Urban Runoff/Storm Sewers				4
03	02030103070080-01	Ringwood Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	E. Coli	Urban Runoff/Storm Sewers				4
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Phosphorus	Urban Runoff/Storm Sewers				5
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Arsenic	Urban Runoff/Storm Sewers				5
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	E. Coli	Combined Sewer Overflows	Urban Runoff/Storm Sewers			4
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Phosphorus	Combined Sewer Overflows	Agriculture	Urban Runoff/Storm Sewers		5
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Arsenic	Source Unknown				5
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Cause Unknown	Source Unknown				5
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Arsenic	Source Unknown				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
08	02030105050080-01	Rockaway Ck (above McCrea Mills)	Temperature	Source Unknown				5
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Arsenic	Source Unknown				5
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	E. Coli	Urban Runoff/Storm Sewers				5
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	pH	Source Unknown				5
08	02030105050090-01	Rockaway Ck (below McCrea Mills)	Phosphorus	Source Unknown				5
08	02030105050100-01	Rockaway Ck SB	E. Coli	Urban Runoff/Storm Sewers				5
08	02030105050100-01	Rockaway Ck SB	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture		Urban Runoff/Storm Sewers	5
08	02030105050100-01	Rockaway Ck SB	Temperature	Source Unknown				5
08	02030105050100-01	Rockaway Ck SB	Total Suspended Solids	Source Unknown				5
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	pH	Source Unknown				5
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Arsenic	Urban Runoff/Storm Sewers				5
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	PCE	Source Unknown				5
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Dissolved Oxygen	Source Unknown				5
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	PCE	Source Unknown				5
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Phosphorus	Source Unknown				4
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Cause Unknown	Source Unknown				5
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Arsenic	Urban Runoff/Storm Sewers				5
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Cause Unknown	Source Unknown				5
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	PCE	Source Unknown				5
10	02030105100040-01	Rocky Brook (above Monmouth Co line)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Arsenic	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Dissolved Oxygen	Source Unknown				5
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Phosphorus	Industrial Point Source Discharge	Municipal Point Source Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	Cause Unknown	Source Unknown				5
10	02030105110150-01	Royce Brook (above Branch Royce Brook)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	Cause Unknown	Source Unknown				5
10	02030105110160-01	Royce Brook (below/incl Branch Royce Bk)	E. Coli	Urban Runoff/Storm Sewers				5
06	02030103030010-01	Russia Brook (above Milton)	Temperature	Source Unknown				5
04	02030103140040-01	Saddle River (above Ridgewood gage)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140040-01	Saddle River (above Ridgewood gage)	pH	Source Unknown				5
04	02030103140040-01	Saddle River (above Ridgewood gage)	Total Suspended Solids	Source Unknown				5
04	02030103140070-01	Saddle River (below Lodi gage)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103140070-01	Saddle River (below Lodi gage)	Dioxin	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
04	02030103140070-01	Saddle River (below Lodi gage)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140070-01	Saddle River (below Lodi gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103140070-01	Saddle River (below Lodi gage)	Phosphorus	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103140070-01	Saddle River (below Lodi gage)	Total Dissolved Solids	Source Unknown				5
04	02030103140070-01	Saddle River (below Lodi gage)	Total Suspended Solids	Source Unknown				5
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Arsenic	Source Unknown				5
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	pH	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Phosphorus	Source Unknown				5
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Total Suspended Solids	Source Unknown				5
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Phosphorus	Source Unknown				5
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Total Dissolved Solids	Source Unknown				5
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Total Suspended Solids	Source Unknown				5
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Arsenic	Source Unknown				5
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	E. Coli	Urban Runoff/Storm Sewers				4
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	pH	Source Unknown				5
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Phosphorus	Source Unknown				5
17	02040206030080-01	Salem Canal	Dissolved Oxygen	Source Unknown				5
17	02040206030080-01	Salem Canal	Phosphorus	Source Unknown				5
17	02040206030080-01	Salem Canal	Temperature	Source Unknown				5
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Dissolved Oxygen	Source Unknown				5
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	pH	Source Unknown				5
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Total Suspended Solids	Source Unknown				5
17	02040206030010-01	Salem R (above Woodstown gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206030010-01	Salem R (above Woodstown gage)	pH	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206030010-01	Salem R (above Woodstown gage)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206030010-01	Salem R (above Woodstown gage)	Total Suspended Solids	Source Unknown				5
17	02040206040040-01	Salem R (below Fenwick Creek)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Dissolved Oxygen	Source Unknown				5
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	pH	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Arsenic	Agriculture				5
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Dissolved Oxygen	Agriculture				5
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	pH	Agriculture				5
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Total Suspended Solids	Source Unknown				5
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Turbidity	Source Unknown				5
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Benzo(a)Pyrene	Source Unknown				5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Cause Unknown	Source Unknown				5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Dieldrin	Contaminated Sediments	Source Unknown			5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Dioxin	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Total Coliform	Urban Runoff/Storm Sewers				5
16	02040206210050-01	Savages Run (above East Creek Pond)	Cause Unknown	Source Unknown				5
16	02040206210050-01	Savages Run (above East Creek Pond)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206130010-01	Scotland Run (above Fries Mill)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
17	02040206130040-01	Scotland Run (below Delsea Drive)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105030020-01	Second Neshanic River	Cause Unknown	Source Unknown				5
04	02030103150020-01	Second River	E. Coli	Combined Sewer Overflows	Urban Runoff/Storm Sewers			5
04	02030103150020-01	Second River	pH	Source Unknown				5
04	02030103150020-01	Second River	Phosphorus	Source Unknown				5
11	02040105240010-01	Shabakunk Creek	Arsenic	Source Unknown				5
11	02040105240010-01	Shabakunk Creek	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105240010-01	Shabakunk Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
11	02040105240010-01	Shabakunk Creek	Phosphorus	Source Unknown				5
11	02040105240020-01	Shabakunk Creek WB	Arsenic	Source Unknown				5
11	02040105240020-01	Shabakunk Creek WB	Cause Unknown	Source Unknown				5
11	02040105240020-01	Shabakunk Creek WB	E. Coli	Urban Runoff/Storm Sewers				4
11	02040105240020-01	Shabakunk Creek WB	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Phosphorus	Source Unknown				4
10	02030105100100-01	Shallow Brook (Devils Brook)	Cause Unknown	Source Unknown				5
13	02040301070010-01	Shannae Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301070010-01	Shannae Brook	pH	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104090040-01	Shark River (above Remsen Mill gage)	Arsenic	Urban Runoff/Storm Sewers	Agriculture	Landfill		5
12	02030104090040-01	Shark River (above Remsen Mill gage)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104090040-01	Shark River (above Remsen Mill gage)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104090040-01	Shark River (above Remsen Mill gage)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104090040-01	Shark River (above Remsen Mill gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
12	02030104090040-01	Shark River (above Remsen Mill gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104090040-01	Shark River (above Remsen Mill gage)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104090060-01	Shark River (below Remsen Mill gage)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104090060-01	Shark River (below Remsen Mill gage)	DDT in Fish Tissue	Source Unknown				5
12	02030104090060-01	Shark River (below Remsen Mill gage)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
12	02030104090060-01	Shark River (below Remsen Mill gage)	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104090060-01	Shark River (below Remsen Mill gage)	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104090060-01	Shark River (below Remsen Mill gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
12	02030104090060-01	Shark River (below Remsen Mill gage)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104090060-01	Shark River (below Remsen Mill gage)	Total Coliform	Urban Runoff/Storm Sewers				4
01	02040104090030-01	Shimers Brook	Arsenic	Source Unknown				5
01	02040104090030-01	Shimers Brook	Phosphorus	Source Unknown				5
01	02040104090030-01	Shimers Brook	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
11	02040105230060-01	Shipetaukin Creek	Dissolved Oxygen	Source Unknown				5
11	02040105230060-01	Shipetaukin Creek	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
12	02030104080040-01	Shrewsbury River (above Navesink River)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080040-01	Shrewsbury River (above Navesink River)	Enterococcus	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104080040-01	Shrewsbury River (above Navesink River)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Urban Runoff/Storm Sewers			5
12	02030104080040-01	Shrewsbury River (above Navesink River)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104080040-01	Shrewsbury River (above Navesink River)	Total Coliform	Urban Runoff/Storm Sewers				4
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105110120-01	Sixmile Run (above Middlebush Rd)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
10	02030105110130-01	Sixmile Run (below Middlebush Rd)	Phosphorus	Source Unknown				5
14	02040301150020-01	Skit Branch (Batsto River)	Arsenic	Source Unknown				5
14	02040301150020-01	Skit Branch (Batsto River)	Lead	Source Unknown				5
14	02040301160170-01	Sleeper Branch	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160170-01	Sleeper Branch	Mercury in Fish Tissue	Rcra Hazardous Waste Sites	Atmospheric Depositon - Toxics			5
14	02040301160170-01	Sleeper Branch	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	Arsenic	Natural Sources				5
14	02040301160060-01	Sleeper Branch (Rt 206 to Tremont Ave)	pH	Urban Runoff/Storm Sewers	Agriculture			5
06	02030103010190-01	Slough Brook	Arsenic	Source Unknown				5
06	02030103010190-01	Slough Brook	Cause Unknown	Source Unknown				5
06	02030103010190-01	Slough Brook	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103010190-01	Slough Brook	Total Dissolved Solids	Source Unknown				5
16	02040206220020-01	Sluice Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120080-01	South Fork of Bound Brook	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120080-01	South Fork of Bound Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
09	02030105120080-01	South Fork of Bound Brook	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120080-01	South Fork of Bound Brook	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
15	02040302050030-01	South River (above 39d26m15s)	Arsenic	Agriculture				5
15	02040302050030-01	South River (above 39d26m15s)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050030-01	South River (above 39d26m15s)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
15	02040302050030-01	South River (above 39d26m15s)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050040-01	South River (below 39d26m15s)	Arsenic	Natural Sources				5
15	02040302050040-01	South River (below 39d26m15s)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
15	02040302050040-01	South River (below 39d26m15s)	pH	Urban Runoff/Storm Sewers	Agriculture			5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
15	02040302050040-01	South River (below 39d26m15s)	Total Coliform	Urban Runoff/Storm Sewers				4
09	02030105160070-01	South River (below Duhernal Lake)	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
09	02030105160070-01	South River (below Duhernal Lake)	Cadmium	Source Unknown				5
09	02030105160070-01	South River (below Duhernal Lake)	Chromium	Source Unknown				5
09	02030105160070-01	South River (below Duhernal Lake)	Copper	Source Unknown				5
09	02030105160070-01	South River (below Duhernal Lake)	Dioxin	Atmospheric Depositon - Toxics	Agriculture		Urban Runoff/Storm Sewers	5
09	02030105160070-01	South River (below Duhernal Lake)	Lead	Urban Runoff/Storm Sewers	Industrial Point Source Discharge			5
09	02030105160070-01	South River (below Duhernal Lake)	Mercury in Water Column	Atmospheric Depositon - Toxics	Industrial Point Source Discharge			5
09	02030105160070-01	South River (below Duhernal Lake)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
20	02040201040020-01	South Run (above 74d35m) (Ft Dix)	pH	Source Unknown				5
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	Arsenic	Source Unknown				5
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			5
20	02040201040030-01	South Run (Jumping Brook to 74d35m)	pH	Municipal Point Source Discharges	Agriculture		Urban Runoff/Storm Sewers	5
20	02040201040050-01	South Run (North Run to Jumping Brook)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture		Urban Runoff/Storm Sewers	5
20	02040201040050-01	South Run (North Run to Jumping Brook)	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
05	02030101170020-01	Sparkill Brook	Arsenic	Source Unknown				5
05	02030101170020-01	Sparkill Brook	E. Coli	Urban Runoff/Storm Sewers				5
05	02030101170020-01	Sparkill Brook	Phosphorus	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
01	02040105040050-01	Sparta Junction tribs	Temperature	Source Unknown				5
09	02030105120090-01	Spring Lake Fork of Bound Brook	E. Coli	Urban Runoff/Storm Sewers				4
09	02030105120090-01	Spring Lake Fork of Bound Brook	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
09	02030105120090-01	Spring Lake Fork of Bound Brook	Phosphorus	Urban Runoff/Storm Sewers				5
14	02040301150040-01	Springers Brook / Deep Run	Arsenic	Agriculture	Urban Runoff/Storm Sewers			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301150040-01	Springers Brook / Deep Run	pH	Agriculture	Urban Runoff/Storm Sewers			5
08	02030105020010-01	Spruce Run (above Glen Gardner)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105020010-01	Spruce Run (above Glen Gardner)	Temperature	Source Unknown				5
08	02030105020020-01	Spruce Run (Reservior to Glen Gardner)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
08	02030105020020-01	Spruce Run (Reservior to Glen Gardner)	Temperature	Source Unknown				5
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	pH	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Urban Runoff/Storm Sewers		5
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Temperature	Source Unknown				5
15	02040302030050-01	Squankum Branch (GEHR)	Arsenic	Natural Sources				5
15	02040302030050-01	Squankum Branch (GEHR)	E. Coli	Urban Runoff/Storm Sewers				4
15	02040302030050-01	Squankum Branch (GEHR)	Mercury in Water Column	Rcra Hazardous Waste Sites	Contaminated Sediments			5
15	02040302030050-01	Squankum Branch (GEHR)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050080-01	Stephen Creek (GEHR)	Arsenic	Natural Sources				5
15	02040302050080-01	Stephen Creek (GEHR)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
15	02040302050080-01	Stephen Creek (GEHR)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
15	02040302050080-01	Stephen Creek (GEHR)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302050080-01	Stephen Creek (GEHR)	Total Coliform	Urban Runoff/Storm Sewers				4
17	02040206120050-01	Still Run (WillowGrovelk - SilverLakeRd)	Cause Unknown	Source Unknown				5
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Arsenic	Source Unknown				5
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Phosphorus	Source Unknown				5
03	02030103050070-01	Stone House Brook	Temperature	Source Unknown				5
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Arsenic	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	Dissolved Oxygen	Source Unknown				5
10	02030105090020-01	Stony Bk (74d 48m 10s to 74d 49m 15s)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105090040-01	Stony Bk (74d46m dam to/incl Baldwins Ck)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105090010-01	Stony Bk (above 74d 49m 15s)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105090030-01	Stony Bk (Baldwins Ck to 74d 48m 10s)	E. Coli	Urban Runoff/Storm Sewers				5
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Arsenic	Source Unknown				5
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	E. Coli	Urban Runoff/Storm Sewers				4
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Phosphorus	Source Unknown				5
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Arsenic	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Phosphorus	Industrial Point Source Discharge	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers	5
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Arsenic	Urban Runoff/Storm Sewers				5
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		5
10	02030105090090-01	Stony Bk- Princeton drainage	Arsenic	Source Unknown				5
10	02030105090090-01	Stony Bk- Princeton drainage	Phosphorus	Source Unknown				5
06	02030103030130-01	Stony Brook (Boonton)	Arsenic	Source Unknown				5
06	02030103030130-01	Stony Brook (Boonton)	Dissolved Oxygen	Source Unknown				5
06	02030103030130-01	Stony Brook (Boonton)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103030130-01	Stony Brook (Boonton)	Mercury in Water Column	Source Unknown				5
09	02030105120030-01	Stony Brook (North Plainfield)	Arsenic	Source Unknown				5
09	02030105120030-01	Stony Brook (North Plainfield)	Cause Unknown	Source Unknown				5
09	02030105120030-01	Stony Brook (North Plainfield)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206070050-01	Stow Creek (above Jericho Road)	Cause Unknown	Source Unknown				5
17	02040206070080-01	Stow Creek (below Canton Rd)	Dissolved Oxygen	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
17	02040206070080-01	Stow Creek (below Canton Rd)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Dissolved Oxygen	Source Unknown				5
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
11	02040105210030-01	Swan Creek (Moore Ck to Alexauken Ck)	E. Coli	Urban Runoff/Storm Sewers				5
01	02040105030020-01	Swartswood Lake and tribs	Arsenic	Source Unknown				5
01	02040105030020-01	Swartswood Lake and tribs	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105030020-01	Swartswood Lake and tribs	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105030020-01	Swartswood Lake and tribs	Phosphorus	Source Unknown				4
01	02040105030020-01	Swartswood Lake and tribs	Temperature	Source Unknown				5
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	pH	Source Unknown				5
18	02040202090010-01	Swede Run	Arsenic	Agriculture				5
18	02040202090010-01	Swede Run	Dissolved Oxygen	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202090010-01	Swede Run	E. Coli	Urban Runoff/Storm Sewers				5
18	02040202090010-01	Swede Run	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070070-01	Swimming River Reservior / Slope Bk	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070070-01	Swimming River Reservior / Slope Bk	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070070-01	Swimming River Reservior / Slope Bk	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104070070-01	Swimming River Reservior / Slope Bk	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
12	02030104070070-01	Swimming River Reservior / Slope Bk	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104070070-01	Swimming River Reservior / Slope Bk	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104070070-01	Swimming River Reservior / Slope Bk	Total Suspended Solids	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302070050-01	Tarkiln Brook (Tuckahoe River)	pH	Agriculture				5
05	02030103170040-01	Tenakill Brook	Arsenic	Industrial Point Source Discharge	Urban Runoff/Storm Sewers			5
05	02030103170040-01	Tenakill Brook	E. Coli	Urban Runoff/Storm Sewers				4
05	02030103170040-01	Tenakill Brook	pH	Source Unknown				5
05	02030103170040-01	Tenakill Brook	Phosphorus	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
05	02030103170040-01	Tenakill Brook	Total Suspended Solids	Source Unknown				5
08	02030105030040-01	Third Neshanic River	Dissolved Oxygen	Transfer of Water from an Outside Watershed	Agriculture	Urban Runoff/Storm Sewers		5
08	02030105030040-01	Third Neshanic River	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
04	02030103150010-01	Third River	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150010-01	Third River	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150010-01	Third River	Dioxin	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
04	02030103150010-01	Third River	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
04	02030103150010-01	Third River	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
04	02030103150010-01	Third River	Phosphorus	Source Unknown				5
15	02040302040060-01	Three Pond Branch (Hospitality Branch)	Arsenic	Urban Runoff/Storm Sewers				5
13	BarnegatBay04	Toms R Estuary	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	BarnegatBay04	Toms R Estuary	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	BarnegatBay04	Toms R Estuary	Dissolved Oxygen	Urban Runoff/Storm Sewers	Agriculture			5
13	BarnegatBay04	Toms R Estuary	Enterococcus	Urban Runoff/Storm Sewers				4
13	BarnegatBay04	Toms R Estuary	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Contaminated Sediments			5
13	BarnegatBay04	Toms R Estuary	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	BarnegatBay04	Toms R Estuary	Total Coliform	Urban Runoff/Storm Sewers				4
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	Arsenic	Urban Runoff/Storm Sewers				5
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301060010-01	Toms River (above Francis Mills)	Dissolved Oxygen	Urban Runoff/Storm Sewers	Impervious Surface/Parking Lot Runoff			5
13	02040301060010-01	Toms River (above Francis Mills)	E. Coli	Urban Runoff/Storm Sewers	Impervious Surface/Parking Lot Runoff			4
13	02040301060010-01	Toms River (above Francis Mills)	Phosphorus	Urban Runoff/Storm Sewers	Impervious Surface/Parking Lot Runoff	Agriculture		5
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Arsenic	Urban Runoff/Storm Sewers				5
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Temperature	Urban Runoff/Storm Sewers	Loss of Riparian Habitat			5
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	E. Coli	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Cause Unknown	Source Unknown				5
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Cause Unknown	Source Unknown				5
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105030030-01	Trout Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105070050-01	Trout Brook / Lake Tranquility	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
01	02040105070050-01	Trout Brook / Lake Tranquility	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105070050-01	Trout Brook / Lake Tranquility	pH	Source Unknown				5
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Cause Unknown	Source Unknown				5
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Phosphorus	Source Unknown				4
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Cause Unknown	Source Unknown				5
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	pH	Urban Runoff/Storm Sewers	Unspecified Land Disturbance	Agriculture		5
15	02040302070010-01	Tuckahoe River (above Cumberland Ave)	pH	Urban Runoff/Storm Sewers	Agriculture			5
15	02040302070110-01	Tuckahoe River (below Rt 49)	Total Coliform	Urban Runoff/Storm Sewers	Agriculture			4
15	02040302070120-01	Tuckahoe River (lower)	Total Coliform	Urban Runoff/Storm Sewers	Agriculture			4
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Arsenic	Natural Sources				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	Dissolved Oxygen	Natural Sources				5
15	02040302070040-01	Tuckahoe River (Rt 49 to 39d19m52s)	pH	Urban Runoff/Storm Sewers	Unspecified Land Disturbance	Agriculture		5
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Phosphorus	Urban Runoff/Storm Sewers				4
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301190060-01	Tulpehocken Creek	Cause Unknown	Source Unknown				5
01	02040104110010-01	UDRV tribs (Dingmans Ferry to 206 bridg)	Temperature	Source Unknown				5
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Arsenic	Natural Sources				5
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Cause Unknown	Source Unknown				5
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	E. Coli	Urban Runoff/Storm Sewers				4
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040105100010-01	Union Church trib	E. Coli	Urban Runoff/Storm Sewers				5
01	02040105100010-01	Union Church trib	Phosphorus	Source Unknown				5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Benzo(a)Pyrene	Source Unknown				5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Cause Unknown	Source Unknown				5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Dioxin	Source Unknown				5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Hexachlorobenzene	Source Unknown				5
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
01	02040104240010-01	Van Campens Brook	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
12	02030104060050-01	Waackaack Creek	Arsenic	Natural Sources				5
12	02030104060050-01	Waackaack Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060050-01	Waackaack Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060050-01	Waackaack Creek	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
12	02030104060050-01	Waackaack Creek	Enterococcus	Urban Runoff/Storm Sewers				4
12	02030104060050-01	Waackaack Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Package Plant or Other Permitted Small Flows Discharges	Contaminated Sediments	Urban Runoff/Storm Sewers	5
12	02030104060050-01	Waackaack Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
12	02030104060050-01	Waackaack Creek	Total Coliform	Urban Runoff/Storm Sewers				4
14	02040301200030-01	Wading River (below Rt 542)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture			5
14	02040301200030-01	Wading River (below Rt 542)	Total Coliform	Agriculture				4
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture			5
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Total Coliform	Agriculture				4
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Arsenic	Agriculture				5
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Dissolved Oxygen	Agriculture				5
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Phosphorus	Agriculture				5



WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Arsenic	Agriculture				5
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics	Agriculture			5
14	02040301190070-01	Wading River WB (Oswego R to Jenkins Rd)	Phosphorus	Agriculture				5
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Arsenic	Source Unknown				4
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Total Suspended Solids	Source Unknown				5
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Arsenic	Source Unknown				4
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Cause Unknown	Source Unknown				5
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	E. Coli	Urban Runoff/Storm Sewers				4
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	Arsenic	Source Unknown				4
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	E. Coli	Urban Runoff/Storm Sewers				4
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Arsenic	Source Unknown				4
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Cause Unknown	Source Unknown				5
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007010020-01	Wallkill R (Ogdensburg to SpartaStation)	Arsenic	Source Unknown				4
02	02020007010020-01	Wallkill R (Ogdensburg to SpartaStation)	E. Coli	Urban Runoff/Storm Sewers				4
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	Arsenic	Source Unknown				4
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	E. Coli	Urban Runoff/Storm Sewers				4

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Arsenic	Source Unknown				4
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Total Suspended Solids	Source Unknown				5
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Arsenic	Source Unknown				4
02	02020007030040-01	Wallkill River (stateline to Owens gage)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Total Suspended Solids	Source Unknown				5
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	E. Coli	Urban Runoff/Storm Sewers				4
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Temperature	Source Unknown				5
03	02030103070050-01	Wanaque Reservior (below Monks gage)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
13	02040301120010-01	Waretown Creek / Lochiel Creek	Arsenic	Natural Sources				5
13	02040301120010-01	Waretown Creek / Lochiel Creek	Mercury in Water Column	Atmospheric Depositon - Toxics				5
02	02020007040050-01	Wawayanda Creek & tribs	Arsenic	Source Unknown				5
02	02020007040050-01	Wawayanda Creek & tribs	Phosphorus	Urban Runoff/Storm Sewers				5
09	02030105150010-01	Weamaconk Creek	Arsenic	Source Unknown				5
09	02030105150010-01	Weamaconk Creek	Dissolved Oxygen	Source Unknown				5
09	02030105150010-01	Weamaconk Creek	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
09	02030105150010-01	Weamaconk Creek	Phosphorus	Agriculture	Urban Runoff/Storm Sewers			5
09	02030105150010-01	Weamaconk Creek	Total Suspended Solids	Agriculture	Urban Runoff/Storm Sewers			5
13	02040301090010-01	Webbs Mill Branch	Dissolved Oxygen	Natural Sources				5
01	02040105150010-01	Weldon Brook/Beaver Brook	Temperature	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
03	02030103070040-01	West Brook/Burnt Meadow Brook	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
03	02030103070040-01	West Brook/Burnt Meadow Brook	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)				5
16	02040206210020-01	West Ck (above Rt 550)	Dissolved Oxygen	Natural Sources				5
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
16	02040206210030-01	West Ck (Paper Mill Rd to Rt 550)	Dissolved Oxygen	Natural Sources				5
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
13	02040301130060-01	Westecunk Creek (below GS Parkway)	E. Coli	Urban Runoff/Storm Sewers				5
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104090010-01	Whale Pond Brook	Cause Unknown	Source Unknown				5
12	02030104090010-01	Whale Pond Brook	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103020010-01	Whippany R (above road at 74d 33m)	Arsenic	Source Unknown				5
06	02030103020010-01	Whippany R (above road at 74d 33m)	Temperature	Source Unknown				5
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Phosphorus	Source Unknown				4
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Arsenic	Source Unknown				5
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Phosphorus	Source Unknown				4
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	E. Coli	Urban Runoff/Storm Sewers				4
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Lead	Industrial Point Source Discharge	Municipal Point Source Discharges	Urban Runoff/Storm Sewers		5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Phosphorus	Source Unknown				4
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Arsenic	Source Unknown				5
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	E. Coli	Urban Runoff/Storm Sewers				4
17	02040206170020-01	White Marsh Run (Millville)	Arsenic	Source Unknown				5
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Arsenic	Source Unknown				5
11	02040105200040-01	Wickecheoke Creek (above Locktown)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105200040-01	Wickecheoke Creek (above Locktown)	pH	Source Unknown				5
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Phosphorus	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		4
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Total Suspended Solids	Source Unknown				5
11	02040105200060-01	Wickecheoke Creek (below Locktown)	E. Coli	Agriculture	Urban Runoff/Storm Sewers			4
11	02040105200060-01	Wickecheoke Creek (below Locktown)	pH	Source Unknown				5
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Phosphorus	Package Plant or Other Permitted Small Flows Discharges	Agriculture	Urban Runoff/Storm Sewers		4
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Temperature	Upstream Impoundments (e.g., PI-566 NRCS Structures)	Agriculture	Package Plant or Other Permitted Small Flows Discharges	Urban Runoff/Storm Sewers	5
15	02040302070100-01	Willis Thorofare / Hughes Creek	Total Coliform	Urban Runoff/Storm Sewers				4
12	02030104070020-01	Willow Brook	E. Coli	Urban Runoff/Storm Sewers				4
12	02030104070020-01	Willow Brook	Phosphorus	Urban Runoff/Storm Sewers	Agriculture	Package Plant or Other Permitted Small Flows Discharges		5
12	02030104070020-01	Willow Brook	Total Suspended Solids	Urban Runoff/Storm Sewers	Agriculture	Package Plant or Other Permitted Small Flows Discharges		5
14	02040301160040-01	Wisickaman Creek	Cause Unknown	Source Unknown				5
07	02030104050110-01	Woodbridge Creek	Benzo(a)Pyrene	Source Unknown				5
07	02030104050110-01	Woodbridge Creek	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
07	02030104050110-01	Woodbridge Creek	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
07	02030104050110-01	Woodbridge Creek	Dieldrin	Contaminated Sediments	Source Unknown			5
07	02030104050110-01	Woodbridge Creek	Dioxin	Atmospheric Depositon - Toxics	Agriculture	Urban Runoff/Storm Sewers		5
07	02030104050110-01	Woodbridge Creek	Heptachlor epoxide	Contaminated Sediments	Source Unknown			5
07	02030104050110-01	Woodbridge Creek	Hexachlorobenzene	Source Unknown				5
07	02030104050110-01	Woodbridge Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				5
07	02030104050110-01	Woodbridge Creek	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120100-01	Woodbury Creek (above Rt 45)	Chlordane in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120100-01	Woodbury Creek (above Rt 45)	DDT in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120100-01	Woodbury Creek (above Rt 45)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
18	02040202120100-01	Woodbury Creek (above Rt 45)	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120100-01	Woodbury Creek (above Rt 45)	pH	Agriculture	Urban Runoff/Storm Sewers			5
18	02040202120100-01	Woodbury Creek (above Rt 45)	Phosphorus	Source Unknown				4
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	PCB in Fish Tissue	Contaminated Sediments	Source Unknown			5
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	pH	Industrial Point Source Discharge	Agriculture	Urban Runoff/Storm Sewers		5
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Phosphorus	Source Unknown				4
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Arsenic	Natural Sources				5
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Dissolved Oxygen	Urban Runoff/Storm Sewers				5
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	E. Coli	Urban Runoff/Storm Sewers				5
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	Mercury in Water Column	Atmospheric Depositon - Toxics				5
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture			5
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Arsenic	Natural Sources				5
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Phosphorus	Urban Runoff/Storm Sewers	Agriculture	Golf Course		5
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Total Coliform	Urban Runoff/Storm Sewers				5
01	02040105050040-01	Yards Creek	Dissolved Oxygen	Source Unknown				5
01	02040105050040-01	Yards Creek	Mercury in Fish Tissue	Atmospheric Depositon - Toxics				4
01	02040105050040-01	Yards Creek	pH	Source Unknown				5

WMA	Waterbody	Name	Parameter	Source1	Source2	Source3	Source4	Sublist
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Cause Unknown	Source Unknown				5
12	02030104070040-01	Yellow Brook (above Bucks Mill)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Cause Unknown	Source Unknown				5
12	02030104070060-01	Yellow Brook (below Bucks Mill)	E. Coli	Urban Runoff/Storm Sewers	Agriculture			4
14	02040301180010-01	Yellow Dam Branch	Arsenic	Unspecified Land Disturbance				5
14	02040301180010-01	Yellow Dam Branch	Dissolved Oxygen	Unspecified Land Disturbance				5
14	02040301180010-01	Yellow Dam Branch	Total Suspended Solids	Unspecified Land Disturbance				5

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
18	02040202120060-01	Almonesson Creek	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
07	02030104050120-01	Arthur Kill waterfront (below Grasselli)	Mercury in Water Column	11085	2004	Fish Consumption	A
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Fecal Coliform	10533	2006	Recreation	A
20	02040201100010-01	Assiscunk Ck (above Rt 206)	Phosphorus (Total)	33757	2006	Aquatic Life	A
11	02040105240060-01	Assunpink Ck (below Shipetaukin Ck)	Escherichia coli	9889	2010	Recreation	A
11	02040105230020-01	Assunpink Ck (NewSharonBr to/incl Lake)	Mercury in Fish Tissue	40821	2008	Fish Consumption	A
11	02040105230040-01	Assunpink Ck (TrentonRd to NewSharonBr)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
15	02040302050020-01	Babcock Creek (GEHR)	Escherichia coli	31408	2012	Recreation	A
14	02040301200070-01	Ballanger Creek	Total Coliform	31404	2014	Shellfish	A
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Fecal Coliform	10524	2006	Recreation	A
20	02040201100020-01	Barkers Brook (above 40d02m30s)	Phosphorus (Total)	33757	2006	Aquatic Life	A
17	02040206090010-01	Barrett Run (above West Ave)	Phosphorus (Total)	10577	2006	Aquatic Life	A
14	02040301200060-01	Bass River (below WB / EB)	Total Coliform	31402	2006	Shellfish	A
14	02040301200050-01	Bass River EB	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
14	02040301200050-01	Bass River EB	Phosphorus (Total)	10567	2008	Aquatic Life	A
14	02040301150080-01	Batsto River (Batsto gage to Quaker Bridge)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
10	02030105100130-01	Bear Brook (below Trenton Road)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
14	02040301200010-01	Beaver Branch (Wading River)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030110-01	Beaver Brook (Morris County)	Fecal Coliform	11008	2006	Recreation	A
06	02030103030110-01	Beaver Brook (Morris County)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
13	02040301040010-01	Beaverdam Creek	Total Coliform	31398	2006	Shellfish	A
10	02030105110050-01	Beden Brook (below Province Line Rd)	Fecal Coliform	9949	2006	Recreation	A
16	02040206230010-01	Bidwell Creek (above Rt 47)	Total Coliform	31523	2006	Shellfish	A
16	02040206230020-01	Bidwell Creek (below Rt 47)-Dias to GoshenCk	Total Coliform	31523	2006	Shellfish	A
12	02030104070030-01	Big Brook	Fecal Coliform	11003	2006	Recreation	A
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Fecal Coliform	10542	2006	Recreation	A
18	02040202120010-01	Big Timber Creek NB (above Laurel Rd)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Fecal Coliform	10542	2008	Recreation	A
18	02040202120020-01	Big Timber Creek NB (below Laurel Rd)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Fecal Coliform	10543	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Phosphorus (Total)	12344	2008	Aquatic Life	A
18	02040202120050-01	Big Timber Creek SB (below Bull Run)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to Lakeland Rd)	Fecal Coliform	9907	2006	Recreation	A
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to Lakeland Rd)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
18	02040202120040-01	Big Timber Creek SB (incl Bull Run to Lakeland Rd)	Phosphorus (Total)	12344	2006	Aquatic Life	A
06	02030103010060-01	Black Brook (Great Swamp NWR)	Fecal Coliform	10617	2006	Recreation	A
06	02030103010060-01	Black Brook (Great Swamp NWR)	Phosphorus (Total)	35044	2006	Aquatic Life	A
02	02020007040010-01	Black Creek (above/incl G.Gorge Resort trib)	Escherichia coli	9890	2006	Recreation	A
02	02020007040020-01	Black Creek (below G. Gorge Resort trib)	Fecal Coliform	9890	2006	Recreation	A
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Phosphorus (Total)	12346	2006	Aquatic Life	A
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Escherichia coli	10535	2006	Recreation	A
20	02040201080020-01	Blacks Creek (Bacons Run to 40d06m10s)	Phosphorus (Total)	12346	2006	Aquatic Life	A
17	02040206140040-01	Blackwater Branch (above/incl Pine Br)	Fecal Coliform	9896	2008	Recreation	A
17	02040206140050-01	Blackwater Branch (below Pine Branch)	Fecal Coliform	9896	2008	Recreation	A
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Fecal Coliform	10597	2006	Recreation	A
09	02030105120100-01	Bound Brook (below fork at 74d 25m 15s)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
12	02030104080030-01	Branchport Creek	Enterococcus	31394	2008	Recreation	A
12	02030104080030-01	Branchport Creek	Phosphorus (Total)	9919	2006	Aquatic Life	A
12	02030104080030-01	Branchport Creek	Total Coliform	31394	2006	Shellfish	A
12	02030104080030-01	Branchport Creek	Escherichia coli	31394	2008	Recreation	A
19	02040202030050-01	Bucks Cove Run / Cranberry Branch	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206170040-01	Buckshutem Creek (above Rt 555)	Escherichia coli	31524	2006	Recreation	A
17	02040206170050-01	Buckshutem Creek (below Rt 555)	Total Coliform	31524	2014	Shellfish	A
06	02030103010140-01	Canoe Brook	Fecal Coliform	11007	2006	Recreation	A
06	02030103010140-01	Canoe Brook	Phosphorus (Total)	35044	2010	Aquatic Life	A
17	02040206070030-01	Canton Drain (above Maskell Mill)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
16	02040302080070-01	Cape May Bays (Rt 47 to Reubens Wharf)	Total Coliform	31412	2006	Shellfish	A
16	02040302080050-01	Cape May Courthouse tribs	Total Coliform	31412	2014	Shellfish	A
16	02040302080090-01	Cape May Harbor & Bays (below Rt 47)	Total Coliform	31412	2006	Shellfish	A



**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
13	02040301090060-01	Cedar Creek (below GS Parkway)	Total Coliform	31400	2006	Shellfish	A
17	02040206100050-01	Cedar Creek (below Rt 553)	Total Coliform	31423	2006	Shellfish	A
13	02040301090050-01	Cedar Creek (GS Parkway to 74d16m38s)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
13	02040301130040-01	Cedar Run	Total Coliform	31514	2006	Shellfish	A
15	02040302070090-01	Cedar Swamp Ck (below Rt 50)	Total Coliform	31408	2014	Shellfish	A
15	02040302070080-01	Cedar Swamp Ck/Cedar Swamp (above Rt 50)	Total Coliform	31408	2014	Shellfish	A
08	02030105070020-01	Chambers Brook	Fecal Coliform	10551	2006	Recreation	A
12	02030104060010-01	Cheesequake Creek / Whale Creek	Phosphorus (Total)	10565	2006	Aquatic Life	A
18	02040202130030-01	Chestnut Branch (above Sewell)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
03	02030103050040-01	Clinton Reservoir/Mossmans Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
01	02040104090020-01	Clove Brook (Delaware R)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
02	02020007020060-01	Clove Brook (Papakating Ck)	Phosphorus (Total)	11092	2006	Aquatic Life, Aquatic	A
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Total Coliform	31422	2014	Shellfish	A
17	02040206090070-01	Cohansey R (75d17m50s to 75d15m)	Total Coliform	31422	2014	Shellfish	A
17	02040206080010-01	Cohansey R (above Beals Mill)	Phosphorus (Total)	12343	2006	Aquatic Life	A
17	02040206090100-01	Cohansey R (below Greenwich)	Total Coliform	31422	2006	Shellfish	A
17	02040206090080-01	Cohansey R (Greenwich to 75d17m50s)	Total Coliform	31422	2014	Shellfish	A
17	02040206080040-01	Cohansey R (incl Beebe Run to HandsPond)	Phosphorus (Total)	12343	2006	Aquatic Life	A
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Phosphorus (Total)	12343	2006	Aquatic Life	A
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Phosphorus (Total)	12343	2006	Aquatic Life	A
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206090030-01	Cohansey R (Rocaps Run to Cornwell Run)	Total Coliform	31422	2014	Shellfish	A
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Fecal Coliform	10612	2006	Recreation	A
05	02030103180010-01	Coles Brook / Van Saun Mill Brook	Phosphorus (Total)	12353	2006	Aquatic Life	A
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
18	02040202110030-01	Cooper River (above Evesham Road)	Fecal Coliform	9906	2006	Recreation	A
18	02040202110030-01	Cooper River (above Evesham Road)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
18	02040202110030-01	Cooper River (above Evesham Road)	Phosphorus (Total)	10571	2006	Aquatic Life	A
18	02040202110060-01	Cooper River (below Rt 130)	Phosphorus (Total)	11104	2006	Aquatic Life	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
18	02040202110050-01	Cooper River (Rt 130 to Wallworth gage)	Phosphorus (Total)	11104	2006	Aquatic Life	A
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Fecal Coliform	11104	2006	Recreation	A
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
18	02040202110040-01	Cooper River (Wallworth gage to Evesham Rd)	Phosphorus (Total)	11104	2006	Aquatic Life	A
18	02040202110010-01	Cooper River NB (above Springdale Road)	Fecal Coliform	10544	2006	Recreation	A
18	02040202110020-01	Cooper River NB (below Springdale Road)	Fecal Coliform	10544	2006	Recreation	A
18	02040202110020-01	Cooper River NB (below Springdale Road)	Phosphorus (Total)	11104	2008	Aquatic Life	A
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
01	02040105150060-01	Cranberry Lake / Jefferson Lake & tribs	Phosphorus (Total)	9910	2006	Aquatic Life	A
10	02030105100070-01	Cranbury Brook (above NJ Turnpike)	Fecal Coliform	10593	2006	Recreation	A
10	02030105100090-01	Cranbury Brook (below NJ Turnpike)	Fecal Coliform	10593	2006	Recreation	A
16	02040302080010-01	Crook Horn Creek (above Devils Island)	Total Coliform	31411	2008	Shellfish	A
20	02040201050070-01	Crosswicks Ck (Doctors Ck-Ellisdale trib)	Escherichia coli	10536	2006	Recreation	A
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Escherichia coli	10536	2006	Recreation	A
20	02040201050050-01	Crosswicks Ck (Ellisdale trib - Walnford)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
20	02040201050030-01	Crosswicks Ck (Lahaway Ck to New Egypt)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
20	02040201040070-01	Crosswicks Ck (NewEgypt to/incl NorthRun)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Escherichia coli	10536	2006	Recreation	A
20	02040201050040-01	Crosswicks Ck (Walnford to Lahaway Ck)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
03	02030103100060-01	Crystal Lake/Pond Brook	Mercury in Fish Tissue	40821	2008	Fish Consumption	A
03	02030103100060-01	Crystal Lake/Pond Brook	Phosphorus (Total)	35046	2006	Aquatic Life	A
13	02040301080030-01	Davenport Branch (above Pinewald Road)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
06	02030103010100-01	Dead River (below Harrisons Brook)	Fecal Coliform	11004	2006	Recreation	A
12	02030104090030-01	Deal Lake	Fecal Coliform	11010	2008	Recreation	A
12	02030104090030-01	Deal Lake	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
12	02030104090030-01	Deal Lake	Phosphorus (Total)	9920	2006	Aquatic Life	A
04	02030103120060-01	Deepavaal Brook	Fecal Coliform	10611	2006	Recreation	A
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	PCB in Fish Tissue	32047	2010	Fish Consumption	A
17	Delaware River 6	Delaware Bay Zone 6 ( New Jersey portion)	Total Coliform	31524	2010	Shellfish	A
20	Delaware River 15	Delaware River 2	PCB in Fish Tissue	11110	2008	Fish Consumption	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
18	Delaware River 16	Delaware River 3	PCB in Fish Tissue	11111	2008	Fish Consumption	A
18	Delaware River 17	Delaware River 4	PCB in Fish Tissue	11112	2008	Fish Consumption	A
17	Delaware River 18	Delaware River 5	PCB in Fish Tissue	11113	2008	Fish Consumption	A
13	02040301130070-01	Dinner Point Creek & tribs	Total Coliform	31521	2006	Shellfish	A
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Escherichia coli	9903	2008	Recreation	A
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Phosphorus (Total)	33757	2006	Aquatic Life	A
20	02040201060030-01	Doctors Creek (below Allentown)	Phosphorus (Total)	33757	2006	Aquatic Life	A
13	02040301060050-01	Dove Mill Branch (Toms River)	Fecal Coliform	9900	2008	Recreation	A
13	02040301060050-01	Dove Mill Branch (Toms River)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
10	02030105090080-01	Duck Pond Run	Fecal Coliform	10592	2006	Recreation	A
09	02030105160030-01	Duhernal Lake / Iresick Brook	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
16	02040206210060-01	East Creek	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
18	02040202130050-01	Edwards Run	Escherichia coli	12377	2006	Recreation	A
07	02030104020010-01	Elizabeth R (above I-78)	Fecal Coliform	9888	2007	Recreation	A
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Fecal Coliform	10515	2006	Recreation	A
07	02030104020020-01	Elizabeth R (Elizabeth CORP BDY to I-78)	Fecal Coliform	10515	2006	Recreation	A
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
15	02040302050090-01	English Ck / Flat Ck / Cranberry Ck	Total Coliform	31408	2006	Shellfish	A
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	Total Coliform	31396	2006	Shellfish	A
13	02040301110010-01	Forked River NB (above old RR grade)	Escherichia coli	31396	2008	Recreation	A
17	02040206110020-01	Fortesque Ck / Fishing Ck / Straight Ck	Total Coliform	31424	2014	Shellfish	A
19	02040202050050-01	Friendship Creek (below/incl Burrs Mill Bk)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
17	02040206030050-01	Game Creek (above Rt 48)	Fecal Coliform	10532	2006	Recreation	A
15	02040302060040-01	GEH Bay/Lakes Bay/Skull Bay/Peck Bay	Total Coliform	31408	2008	Shellfish	A
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
15	02040302030020-01	GEHR (AC Expressway to New Freedom Rd)	Phosphorus (Total)	10576	2006	Aquatic Life	A
15	02040302030040-01	GEHR (Broad Lane road to AC Expressway)	Escherichia coli	31408	2008	Recreation	A
15	02040302050140-01	GEHR (GEH Bay to Gibson Ck)	Total Coliform	31408	2010	Shellfish	A
15	02040302050130-01	GEHR (GEH Bay to Miry Run)	Total Coliform	31408	2006	Shellfish	A
15	02040302040130-01	GEHR (Lake Lenape to Mare Run)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
15	02040302050060-01	GEHR (Miry Run to Lake Lenape)	Total Coliform	31408	2014	Shellfish	A
15	02040302050100-01	Gibson Creek / Jackson Creek	Total Coliform	31408	2014	Shellfish	A
04	02030103120050-01	Goffle Brook	Fecal Coliform	10600	2006	Recreation	A
06	02030103010050-01	Great Brook (below Green Village Rd)	Phosphorus (Total)	35044	2010	Aquatic Life	A
14	02040301160130-01	Great Swamp Branch (below Rt 206)	Escherichia coli	31404	2008	Recreation	A
09	02030105120010-01	Green Bk (above/incl Blue Brook)	Fecal Coliform	10596	2006	Recreation	A
09	02030105120130-01	Green Bk (below Bound Brook)	Fecal Coliform	10596	2006	Recreation	A
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Fecal Coliform	10596	2006	Recreation	A
09	02030105120020-01	Green Bk (N Plainfield gage to Blue Bk)	Fecal Coliform	10596	2006	Recreation	A
05	02030103170030-01	Hackensack R (above Old Tappan gage)	Fecal Coliform	9962	2006	Recreation	A
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	Nickel	509	2014	Aquatic Life	A
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Nickel	509	2014	Aquatic Life	A
05	02030103180100-01	Hackensack R (below Amtrak bridge)	Phosphorus (Total)	10583	2006	Aquatic Life	A
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Escherichia coli	9962	2014	Recreation	A
11	02040105170020-01	Hakihokake Creek	Escherichia coli	12388	2006	Recreation	A
15	02040302070070-01	Halfway Creek	Total Coliform	31408	2014	Shellfish	A
14	02040301170010-01	Hammonton Creek (above 74d43m)	Escherichia coli	9899	2006	Recreation	A
14	02040301170020-01	Hammonton Creek (Columbia Rd to 74d43m)	Escherichia coli	9899	2006	Recreation	A
13	02040301020030-01	Haystack Brook	Fecal Coliform	10529	2006	Recreation	A
08	02030105030030-01	Headquarters trib (Third Neshanic River)	Fecal Coliform	9944	2006	Recreation	A
10	02030105110010-01	Heathcote Brook	Fecal Coliform	10591	2006	Recreation	A
02	02020007040040-01	Highland Lake/Wawayanda Lake	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
04	02030103140010-01	Hohokus Bk (above Godwin Ave)	Fecal Coliform	10601	2008	Recreation	A
04	02030103140030-01	Hohokus Bk (below Pennington Ave)	Fecal Coliform	10601	2006	Recreation	A
04	02030103140020-01	Hohokus Bk (Pennington Ave to Godwin Ave)	Fecal Coliform	10606	2006	Recreation	A
01	02040105100020-01	Honey Run	Fecal Coliform	12383	2006	Recreation	A
12	02030104070010-01	Hop Brook	Escherichia coli	10990	2006	Recreation	A
15	02040302040010-01	Hospitality Br (above Whitehouse Rd)	Escherichia coli	10528	2006	Recreation	A
17	02040206130030-01	Indian Branch (Scotland Run)	Escherichia coli	10527	2008	Recreation	A
11	02040105210060-01	Jacobs Creek (above Woolsey Brook)	Fecal Coliform	10520	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
11	02040105210070-01	Jacobs Creek (below/incl Woolsey Brook)	Escherichia coli	12389	2006	Recreation	A
12	02030104090050-01	Jumping Brook (Monmouth Co)	Fecal Coliform	11097	2006	Recreation	A
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	Total Coliform	31396	2006	Shellfish	A
07	02030104010020-01	Kill Van Kull West	Mercury in Water Column	11085	2004	Fish Consumption	A
11	02040105170060-01	Kingwood Twp(Warford-Little Nishisakawk)	Fecal Coliform	10523	2006	Recreation	A
01	02040105150020-01	Lake Hopatcong	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
15	02040302050110-01	Lakes Creek (GEHR)	Total Coliform	31408	2006	Shellfish	A
08	02030105050030-01	Lamington R (Furnace Rd to Hillside Rd)	Fecal Coliform	9941	2008	Recreation	A
08	02030105050070-01	Lamington R (HallsBrRd-HerzogBrk)	Fecal Coliform	9941	2006	Recreation	A
08	02030105050130-01	Lamington R (Hertzog Brk to Pottersville gage)	Fecal Coliform	9941	2010	Recreation	A
08	02030105050020-01	Lamington R (Hillside Rd to Rt 10)	Fecal Coliform	9937	2006	Recreation	A
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	Escherichia coli	9941	2006	Recreation	A
14	02040301170120-01	Landing Creek (below Indian Cabin Ck)	Total Coliform	31404	2014	Shellfish	A
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
09	02030105130050-01	Lawrence Bk (Church Lane to Deans Pond)	Phosphorus (Total)	10561	2006	Aquatic Life	A
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
20	02040201090030-01	LDRV tribs (Assiscunk Ck to Blacks Ck)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
20	02040201110010-01	LDRV tribs (Beverly to Assiscunk Ck)	Phosphorus (Total)	1173	2008	Aquatic Life	A
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Escherichia coli	12380	2006	Recreation	A
17	02040206120020-01	Little Ease Run (below Academy Rd)	Escherichia coli	10527	2006	Recreation	A
01	02040104130010-01	Little Flat Brook (Beerskill and above)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
11	02040105240050-01	Little Shabakunk Creek	Escherichia coli	9889	2006	Recreation	A
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Fecal Coliform	31394	2008	Recreation	A
12	02030104080010-01	Little Silver Creek / Town Neck Creek	Total Coliform	31394	2006	Shellfish	A
06	02030103010040-01	Loantaka Brook	Phosphorus (Total)	35044	2008	Aquatic Life	A
11	02040105200010-01	Lockatong Ck (above Rt 12)	Phosphorus (Total)	12369	2006	Aquatic Life	A
11	02040105200020-01	Lockatong Ck (Milltown to Rt 12)	Phosphorus (Total)	12369	2006	Aquatic Life	A
01	02040105120010-01	Lopatcong Creek (above Rt 57)	Escherichia coli	12384	2008	Recreation	A
01	02040105120020-01	Lopatcong Creek (below Rt 57) incl UDRV	Escherichia coli	12384	2006	Recreation	A
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Fecal Coliform	9954	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Fecal Coliform	9952	2006	Recreation	A
09	02030105140030-01	Manalapan Brook (below Lake Manalapan)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15	Fecal Coliform	9954	2006	Recreation	A
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
09	02030105140020-01	Manalapan Brook (incl LkManlpn to 40d16m15	Phosphorus (Total)	10559	2006	Aquatic Life	A
12	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Fecal Coliform	11012	2006	Recreation	A
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Phosphorus (Total)	12326	2006	Aquatic Life	A
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Enterococcus	31391	2008	Recreation	A
12	02030104100100-01	Manasquan R (below Rt 70 bridge)	Total Coliform	31391	2006	Shellfish	A
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Fecal Coliform	9959	2006	Recreation	A
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
12	02030104100050-01	Manasquan R (gage to West Farms Rd)	Phosphorus (Total)	12327	2006	Aquatic Life, Aquatic	A
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Enterococcus	31391	2012	Recreation	A
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Escherichia coli	31391	2006	Recreation	A
12	02030104100090-01	Manasquan R (Rt 70 br to 74d07m30s)	Total Coliform	31391	2006	Shellfish	A
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Phosphorus (Total)	12326	2006	Aquatic Life	A
12	02030104100020-01	Manasquan R (Rt 9 to 74d17m50s road)	Fecal Coliform	9959	2006	Recreation	A
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Escherichia coli	9959	2006	Recreation	A
12	02030104100030-01	Manasquan R (West Farms Rd to Rt 9)	Phosphorus (Total)	12327	2006	Aquatic Life, Aquatic	A
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	Phosphorus (Total)	10573	2008	Aquatic Life	A
17	02040206190030-01	Manumuskin River (below Rt 49)	Total Coliform	31524	2014	Shellfish	A
12	02030104100040-01	Marsh Bog Brook	Fecal Coliform	9964	2006	Recreation	A
12	02030104060020-01	Matawan Creek (above Ravine Drive)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
09	02030105150040-01	Matchaponix Brook (above/incl Pine Bk)	Fecal Coliform	10594	2006	Recreation	A
14	02040301200110-01	Mattix Run (Nacote Creek)	Total Coliform	31405	2014	Shellfish	A
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Enterococcus	31524	2008	Recreation	A
17	02040206200050-01	Maurice River (below Leesburg) to EastPt	Total Coliform	31524	2006	Shellfish	A
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206200040-01	Maurice River (Leesburg to Rt 548)	Total Coliform	31524	2008	Shellfish	A
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Escherichia coli	31391	2012	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
17	02040206170030-01	Maurice River (Menantico Ck to UnionLake)	Total Coliform	31391	2012	Shellfish	A
17	02040206200030-01	Maurice River (Rt 548 to Menantico Ck)	Total Coliform	31524	2014	Shellfish	A
17	02040206140060-01	Maurice River (Sherman Ave to Blackwater Br)	Fecal Coliform	9896	2006	Recreation	A
17	02040206160030-01	Maurice River (Union Lake to Sherman Ave)	Escherichia coli	9895	2010	Recreation	A
09	02030105150020-01	McGellairds Brook (above Taylors Mills)	Phosphorus (Total)	10558	2006	Aquatic Life	A
09	02030105150030-01	McGellairds Brook (below Taylors Mills)	Fecal Coliform	10587	2006	Recreation	A
17	02040206180030-01	Menantico Creek (above Rt 552)	Mercury in Fish Tissue	40821	2010	Fish Consumption	A
17	02040206180050-01	Menantico Creek (below Rt 552)	Escherichia coli	31524	2008	Recreation	A
17	02040206180050-01	Menantico Creek (below Rt 552)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
17	02040206180050-01	Menantico Creek (below Rt 552)	Total Coliform	31524	2014	Shellfish	A
01	02040105140040-01	Merrill Creek	Fecal Coliform	9880	2008	Recreation	A
13	BarneгатBay03	Metedeconk and Lower Tribs - Bay	Total Coliform	31396	2006	Shellfish	A
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Escherichia coli	31399	2006	Recreation	A
13	BarneгатBay02	Metedeconk R Estuary	Enterococcus	31399	2008	Recreation	A
13	BarneгатBay02	Metedeconk R Estuary	Total Coliform	31399	2006	Shellfish	A
13	02040301020010-01	Metedeconk R NB (above I-195)	Fecal Coliform	10531	2006	Recreation	A
13	02040301020010-01	Metedeconk R NB (above I-195)	Phosphorus (Total)	12334	2006	Aquatic Life	A
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	Fecal Coliform	10531	2006	Recreation	A
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	Fecal Coliform	10531	2006	Recreation	A
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	Fecal Coliform	10530	2006	Recreation	A
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Fecal Coliform	31399	2008	Recreation	A
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
09	02030105120180-01	Middle Brook	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
09	02030105120060-01	Middle Brook WB	Fecal Coliform	12396	2006	Recreation	A
17	02040206100010-01	Middle Marsh Ck (DrumboCk to Sea Breeze)	Total Coliform	31525	2006	Shellfish	A
15	02040302050120-01	Middle River / Peters Creek	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
15	02040302050120-01	Middle River / Peters Creek	Total Coliform	31408	2014	Shellfish	A
13	02040301140020-01	Mill Branch (below GS Parkway)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
06	02030103030080-01	Mill Brook (Morris Co)	Fecal Coliform	31521	2008	Recreation	A
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Mercury in Fish Tissue	37909	2010	Fish Consumption	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
17	02040206090050-01	Mill Creek (below Maple House Bk)	Total Coliform	31422	2014	Shellfish	A
15	02040302070060-01	Mill Creek / Back Run (Tuckahoe River)	Total Coliform	31408	2014	Shellfish	A
16	02040302080080-01	Mill Creek / Jones Creek / Taylor Creek	Total Coliform	31521	2008	Shellfish	A
16	02040302080030-01	Mill Creek / Sunks Ck / Big Elder Creek	Total Coliform	31411	2008	Shellfish	A
10	02030105100010-01	Millstone R (above Rt 33)	Fecal Coliform	9948	2006	Recreation	A
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
10	02030105100020-01	Millstone R (Applegarth road to Rt 33)	Fecal Coliform	9948	2006	Recreation	A
10	02030105110170-01	Millstone R (below Amwell Rd)	Fecal Coliform	9935	2006	Recreation	A
10	02030105110170-01	Millstone R (below Amwell Rd)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
10	02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
10	02030105100030-01	Millstone R (RockyBk to Applegarth road)	Fecal Coliform	9948	2008	Recreation	A
12	02030104070050-01	Mine Brook (Monmouth Co)	Escherichia coli	31392	2012	Recreation	A
12	02030104100060-01	Mingamahone Brook (above Asbury Rd)	Fecal Coliform	10999	2006	Recreation	A
11	02040105240030-01	Miry Run (Assunpink Cr)	Fecal Coliform	9889	2006	Recreation	A
11	02040105240030-01	Miry Run (Assunpink Cr)	Phosphorus (Total)	33756	2008	Aquatic Life	A
16	02040302080060-01	Mommy Teal Ck / Cresse Ck / Gravelly Run	Total Coliform	31412	2014	Shellfish	A
14	02040301210020-01	Mott Creek (Oysterbed Pt to Oyster Ck)	Total Coliform	31403	2014	Shellfish	A
01	02040105090040-01	Mountain Lake Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
13	02040301020040-01	Muddy Ford Brook	Fecal Coliform	10548	2006	Recreation	A
17	02040206150050-01	Muddy Run (incl ParvinLk to Palatine Lk)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
08	02030105020030-01	Mulhockaway Creek	Fecal Coliform	9947	2008	Recreation	A
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Total Coliform	31404	2014	Shellfish	A
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Total Coliform	31404	2014	Shellfish	A
14	02040301210010-01	Mullica River (below GSP bridge)	Total Coliform	31404	2006	Shellfish	A
14	02040301200080-01	Mullica River (GSP bridge to Turtle Ck)	Total Coliform	31404	2006	Shellfish	A
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Total Coliform	31404	2006	Shellfish	A
14	02040301160150-01	Mullica River (Pleasant Mills to 39d40m30s)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
14	02040301160030-01	Mullica River (Rt 206 to Jackson Road)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A



WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Total Coliform	31404	2006	Shellfish	A
14	02040301170130-01	Mullica River (Turtle Ck to Lower BankRd)	Total Coliform	31404	2006	Shellfish	A
01	02040105160040-01	Musconetcong R (75d 00m to Rt 31)	Fecal Coliform	9875	2006	Recreation	A
01	02040105160070-01	Musconetcong R (below Warren Glen)	Fecal Coliform	10506	2006	Recreation	A
01	02040105160020-01	Musconetcong R (Changewater to HancesBk)	Fecal Coliform	10507	2006	Recreation	A
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Fecal Coliform	10507	2006	Recreation	A
01	02040105160050-01	Musconetcong R (I-78 to 75d 00m)	Fecal Coliform	9875	2006	Recreation	A
01	02040105150080-01	Musconetcong R (SaxtonFalls to Waterloo)	Fecal Coliform	9875	2008	Recreation	A
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Fecal Coliform	10507	2008	Recreation	A
01	02040105160060-01	Musconetcong R (Warren Glen to I-78)	Fecal Coliform	9875	2006	Recreation	A
01	02040105150110-01	Musconetcong R (Waterloo area)	Escherichia coli	12385	2010	Recreation	A
01	02040105150070-01	Musconetcong R (Waterloo to/incl WillsBk)	Escherichia coli	12385	2006	Recreation	A
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Fecal Coliform	12385	2006	Recreation	A
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Phosphorus (Total)	9923	2006	Aquatic Life	A
17	02040206200020-01	Muskee Creek	Total Coliform	31524	2014	Shellfish	A
14	02040301200120-01	Nacote Creek (below/incl Mill Pond)	Total Coliform	31405	2006	Shellfish	A
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	Total Coliform	31423	2006	Shellfish	A
17	02040206100070-01	Nantuxent Creek (below Newport Landing)	Total Coliform	31423	2006	Shellfish	A
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Fecal Coliform	31392	2006	Recreation	A
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Total Coliform	31392	2006	Shellfish	A
12	02030104070120-01	Navesink R mouth	Total Coliform	31392	2006	Shellfish	A
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Escherichia coli	9944	2006	Recreation	A
11	02040105230030-01	New Sharon Branch (Assumpink Creek)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
17	02040206110010-01	Newport Neck (Nantuxent to Beadons Ck)	Total Coliform	31423	2014	Shellfish	A
12	02030104070090-01	Nut Swamp Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
18	02040202160010-01	Oldmans Creek (above Commissioners Rd)	Fecal Coliform	10534	2006	Recreation	A
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Fecal Coliform	9904	2006	Recreation	A
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	Phosphorus (Total)	12345	2006	Aquatic Life	A
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Fecal Coliform	9904	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
18	02040202160030-01	Oldmans Creek (Kings Hwy to Rt 45)	Phosphorus (Total)	12345	2006	Aquatic Life	A
19	02040202020020-01	Ong Run / Jacks Run	Escherichia coli	33755	2008	Recreation	A
17	02040206110030-01	Oranoaken Creek	Total Coliform	31424	2014	Shellfish	A
14	02040301180060-01	Oswego River (Andrews Rd to Sim Place Resv)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
14	02040301180070-01	Oswego River (below Andrews Road)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
05	02030103180040-01	Overpeck Creek	Phosphorus (Total)	10564	2012	Aquatic Life	A
13	02040301110050-01	Oyster Creek (below Rt 532)	Total Coliform	31396	2014	Shellfish	A
03	02030103050020-01	Pacock Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
02	02020007020010-01	Papakating Ck (above Frankford Plains)	Fecal Coliform	10505	2006	Recreation	A
02	02020007020070-01	Papakating Ck (below Pellettown)	Fecal Coliform	10509	2006	Recreation	A
02	02020007020070-01	Papakating Ck (below Pellettown)	Phosphorus (Total)	11093	2004	Recreation	A
02	02020007020070-01	Papakating Ck (below Pellettown)	Fecal Coliform	10504	2006	Recreation	A
02	02020007020030-01	Papakating Ck (Pellettown-Frankford Plns)	Fecal Coliform	10504	2006	Recreation	A
02	02020007020040-01	Papakating Ck WB(abv 74d39m30s side rd)	Fecal Coliform	10505	2006	Recreation	A
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Escherichia coli	10533	2008	Recreation	A
02	02020007020050-01	Papakating Ck WB(blw 74d39m30s side rd)	Escherichia coli	10513	2008	Recreation	A
12	02030104080020-01	Parkers Creek / Oceanport Creek	Enterococcus	31394	2006	Recreation	A
12	02030104080020-01	Parkers Creek / Oceanport Creek	Escherichia coli	31394	2006	Recreation	A
12	02030104080020-01	Parkers Creek / Oceanport Creek	Total Coliform	31394	2006	Shellfish	A
17	02040206080030-01	Parsonage Run / Foster Run	Phosphorus (Total)	12343	2006	Aquatic Life	A
05	02030103170010-01	Pascack Brook (above Westwood gage)	Escherichia coli	10609	2008	Recreation	A
05	02030103170010-01	Pascack Brook (above Westwood gage)	Phosphorus (Total)	12359	2012	Aquatic Life	A
05	02030103170020-01	Pascack Brook (below Westwood gage)	Fecal Coliform	10609	2006	Recreation	A
05	02030103170020-01	Pascack Brook (below Westwood gage)	Phosphorus (Total)	12359	2006	Aquatic Life	A
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Phosphorus (Total)	35044	2008	Aquatic Life	A
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Fecal Coliform	9961	2008	Recreation	A
04	02030103120070-01	Passaic R Lwr (Fair Lawn Ave to Goffle)	Phosphorus (Total)	35044	2008	Aquatic Life	A
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Escherichia coli	10610	2010	Recreation	A
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Phosphorus (Total)	35044	2008	Aquatic Life	A
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Escherichia coli	10610	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Fecal Coliform	9966	2006	Recreation	A
06	02030103010130-01	Passaic R Upr (40d 45m to Snyder Ave)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Fecal Coliform	12381	2006	Recreation	A
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Fecal Coliform	9967	2006	Recreation	A
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Fecal Coliform	9957	2006	Recreation	A
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Fecal Coliform	9967	2008	Recreation	A
06	02030103010160-01	Passaic R Upr (HanoverRR to ColumbiaRd)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Fecal Coliform	9967	2006	Recreation	A
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Fecal Coliform	9966	2006	Recreation	A
06	02030103010110-01	Passaic R Upr (Plainfield Rd to Dead R)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Fecal Coliform	9967	2006	Recreation	A
06	02030103040010-01	Passaic R Upr (Pompton R to Pine Bk)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Escherichia coli	9967	2014	Recreation	A
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103010170-01	Passaic R Upr (Rockaway to Hanover RR)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Fecal Coliform	9966	2006	Recreation	A
06	02030103010120-01	Passaic R Upr (Snyder to Plainfield Rd)	Phosphorus (Total)	35044	2008	Aquatic Life	A
15	02040302060030-01	Patcong Creek (Somers Ave to Zion Rd)	Total Coliform	31408	2014	Shellfish	A
01	02040105040060-01	Paulins Kill (above Rt 15)	Fecal Coliform	12386	2006	Recreation	A
01	02040105040070-01	Paulins Kill (Dry Brook to Rt 15)	Fecal Coliform	12386	2006	Recreation	A
01	02040105040080-01	Paulins Kill (PK Lk outlet to Dry Brook)	Fecal Coliform	9891	2006	Recreation	A
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Fecal Coliform	9891	2006	Recreation	A
04	02030103120010-01	Peckman River (above CG Res trib)	Fecal Coliform	10610	2006	Recreation	A
04	02030103120010-01	Peckman River (above CG Res trib)	Phosphorus (Total)	35044	2008	Aquatic Life	A
04	02030103120020-01	Peckman River (below CG Res trib)	Fecal Coliform	10610	2006	Recreation	A
04	02030103120020-01	Peckman River (below CG Res trib)	Phosphorus (Total)	35044	2008	Aquatic Life	A

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
18	02040202100010-01	Pennsauken Ck NB (above NJTPK)	Fecal Coliform	9902	2008	Recreation	A
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Fecal Coliform	9902	2006	Recreation	A
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
18	02040202100020-01	Pennsauken Ck NB (incl StrwbrdgLk-NJTPK)	Phosphorus (Total)	9968	2006	Aquatic Life	A
18	02040202100040-01	Pennsauken Ck SB (above Rt 41)	Fecal Coliform	9902	2006	Recreation	A
18	02040202100050-01	Pennsauken Ck SB (below Rt 41)	Fecal Coliform	9901	2006	Recreation	A
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
03	02030103050030-01	Pequannock R (above OakRidge Res outlet)	Temperature, water	11105	2006	Aquatic Life - Trout	A
03	02030103050010-01	Pequannock R (above Stockholm/Vernon Rd)	Temperature, water	11105	2006	Aquatic Life - Trout	A
03	02030103050080-01	Pequannock R (below Macopin gage)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
03	02030103050050-01	Pequannock R (Charlotteburg to OakRidge)	Temperature, water	11105	2006	Aquatic Life - Trout	A
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Temperature, water	11105	2006	Aquatic Life - Trout	A
01	02040105070030-01	Pequest R (above Brighton)	Fecal Coliform	10511	2006	Recreation	A
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Fecal Coliform	9902	2008	Recreation	A
01	02040105090060-01	Pequest R (below Furnace Brook)	Fecal Coliform	10510	2006	Recreation	A
01	02040105090020-01	Pequest R (Cemetary Road to Drag Strip)	Fecal Coliform	9881	2008	Recreation	A
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Fecal Coliform	9881	2008	Recreation	A
01	02040105090010-01	Pequest R (Drag Strip--below Bear Swamp)	Phosphorus (Total)	39254	2012	Aquatic Life	A
01	02040105090030-01	Pequest R (Furnace Bk to Cemetary Road)	Fecal Coliform	9881	2006	Recreation	A
09	02030105080010-01	Peters Brook	Fecal Coliform	10588	2006	Recreation	A
12	02030104060060-01	Pews Creek to Shrewsbury River	Fecal Coliform	10994	2006	Recreation	A
17	02040206070090-01	Phillips Creek / Jacobs Creek	Total Coliform	31422	2014	Shellfish	A
10	02030105110100-01	Pike Run (below Crusier Brook)	Fecal Coliform	10590	2006	Recreation	A
12	02030104070080-01	Pine Brook / Hockhockson Brook	Fecal Coliform	10619	2006	Recreation	A
12	02030104070080-01	Pine Brook / Hockhockson Brook	Total Coliform	31392	2014	Shellfish	A
17	02040206090090-01	Pine Mount Creek	Total Coliform	31422	2014	Shellfish	A
11	02040105200050-01	Plum Creek	Escherichia coli	10521	2006	Recreation	A
11	02040105200050-01	Plum Creek	Phosphorus (Total)	12370	2006	Aquatic Life, Aquatic	A
02	02020007040030-01	Pochuck Ck/Glenwood Lk & northern trib	Fecal Coliform	10543	2008	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
01	02040105140010-01	Pohatcong Ck (above Rt 31)	Escherichia coli	12387	2008	Recreation	A
01	02040105140070-01	Pohatcong Ck (below Springtown) incl UDRV	Fecal Coliform	9880	2006	Recreation	A
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	Fecal Coliform	12387	2006	Recreation	A
01	02040105140030-01	Pohatcong Ck (Edison Rd-Brass Castle Ck)	Fecal Coliform	9880	2006	Recreation	A
01	02040105140050-01	Pohatcong Ck (Merrill Ck to Edison Rd)	Escherichia coli	9880	2006	Recreation	A
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Fecal Coliform	9880	2006	Recreation	A
01	02040105140060-01	Pohatcong Ck (Springtown to Merrill Ck)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
13	BarneгатBay01	Point Pleasant Canal and Bay Head Harbor	Total Coliform	31399	2006	Shellfish	A
03	02030103110020-01	Pompton River	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
03	02030103110020-01	Pompton River	Phosphorus (Total)	35044	2006	Aquatic Life	A
16	02040206230070-01	Pond Creek / Cape May Canal West	Phosphorus (Total)	10581	2004	Aquatic Life	A
16	02040206230070-01	Pond Creek / Cape May Canal West	Total Coliform	31412	2014	Shellfish	A
12	02030104090020-01	Poplar Brook	Fecal Coliform	10997	2006	Recreation	A
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Enterococcus	31392	2012	Recreation	A
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Escherichia coli	10996	2006	Recreation	A
12	02030104070100-01	Poricy Bk/Swimming R(below SwimmingR Rd)	Total Coliform	31392	2006	Shellfish	A
08	02030105050050-01	Pottersville trib (Lamington River)	Fecal Coliform	9941	2008	Recreation	A
04	02030103120030-01	Preakness Brook / Naachtpunkt Brook	Fecal Coliform	10613	2006	Recreation	A
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
08	02030105020090-01	Prescott Brook / Round Valley Reservoir	Phosphorus (Total)	10555	2008	Aquatic Life	A
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
07	02030104050040-01	Rahway River (Kenilworth Blvd to EB / WB)	Fecal Coliform	9886	2006	Recreation	A
07	02030104050060-01	Rahway River (Robinsons Br to Kenilworth Blvd)	Fecal Coliform	9885	2006	Recreation	A
07	02030104050020-01	Rahway River EB	Fecal Coliform	9887	2006	Recreation	A
07	02030104050090-01	Rahway River SB	Fecal Coliform	12395	2006	Recreation	A
07	02030104050010-01	Rahway River WB	Fecal Coliform	9887	2006	Recreation	A
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Escherichia coli	9960	2006	Recreation	A
03	02030103100010-01	Ramapo R (above 74d 11m 00s)	Phosphorus (Total)	35046	2008	Aquatic Life	A
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Fecal Coliform	9960	2008	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
03	02030103100030-01	Ramapo R (above Fyke Bk to 74d 11m 00s)	Phosphorus (Total)	35046	2008	Aquatic Life	A
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Fecal Coliform	9960	2008	Recreation	A
03	02030103100040-01	Ramapo R (Bear Swamp Bk thru Fyke Bk)	Phosphorus (Total)	35046	2008	Aquatic Life	A
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Escherichia coli	9960	2012	Recreation	A
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Phosphorus (Total)	35046	2008	Aquatic Life	A
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Fecal Coliform	9960	2008	Recreation	A
03	02030103100050-01	Ramapo R (Crystal Lk br to BearSwamp Bk)	Phosphorus (Total)	35046	2008	Aquatic Life	A
19	02040202040050-01	Rancocas Ck NB (below Smithville)	Fecal Coliform	10538	2006	Recreation	A
19	02040202050060-01	Rancocas Ck SB (above Friendship Ck)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
19	02040202050090-01	Rancocas Ck SB (BobbysRun to Vincentown)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
19	02040202050080-01	Rancocas Ck SB (Vincentown-FriendshipCk)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
19	02040202060080-01	Rancocas Ck SW Branch (above Medford br)	Escherichia coli	33755	2006	Recreation	A
19	02040202060100-01	Rancocas Ck SW Branch (below Medford br)	Fecal Coliform	10538	2006	Recreation	A
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Fecal Coliform	9955	2006	Recreation	A
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
09	02030105120160-01	Raritan R Lwr (MileRun to I-287 Pistcwy)	Fecal Coliform	9892	2006	Recreation	A
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Fecal Coliform	9953	2006	Recreation	A
09	02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Fecal Coliform	9953	2006	Recreation	A
09	02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
08	02030105060010-01	Raritan R NB (above/incl India Bk)	Fecal Coliform	9943	2006	Recreation	A
08	02030105070030-01	Raritan R NB (below Rt 28)	Fecal Coliform	9938	2006	Recreation	A
08	02030105060030-01	Raritan R NB (incl McVickers to India Bk)	Fecal Coliform	9943	2006	Recreation	A
08	02030105060090-01	Raritan R NB (Lamington R to Mine Bk)	Fecal Coliform	9942	2006	Recreation	A
08	02030105070010-01	Raritan R NB (Rt 28 to Lamington R)	Fecal Coliform	9938	2006	Recreation	A
08	02030105010040-01	Raritan R SB (74d 44m 15s to Rt 46)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Escherichia coli	9892	2006	Recreation	A
08	02030105010060-01	Raritan R SB (Califon br to Long Valley)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Fecal Coliform	10546	2006	Recreation	A
08	02030105010050-01	Raritan R SB (LongValley br to 74d44m15s)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Fecal Coliform	9945	2006	Recreation	A
08	02030105040010-01	Raritan R SB (Pleasant Run-Three Bridges)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
08	02030105020080-01	Raritan R SB (Prescott Bk to River Rd)	Escherichia coli	9946	2006	Recreation	A
08	02030105010080-01	Raritan R SB (Spruce Run-StoneMill gage)	Fecal Coliform	9909	2006	Recreation	A
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	Fecal Coliform	9909	2006	Recreation	A
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Escherichia coli	9945	2006	Recreation	A
08	02030105020100-01	Raritan R SB (Three Bridges-Prescott Bk)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
13	02040301070040-01	Ridgeway Br (below Hope Chapel Rd)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
13	02040301070030-01	Ridgeway Br (Hope Chapel Rd to HarrisBr)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
16	02040206210010-01	Riggins Ditch (Moores Beach to East Pt)	Total Coliform	9896	2008	Shellfish	A
03	02030103070080-01	Ringwood Creek	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
07	02030104050070-01	Robinsons Br Rahway R (above Lake Ave)	Fecal Coliform	10517	2008	Recreation	A
07	02030104050080-01	Robinsons Br Rahway R (below Lake Ave)	Fecal Coliform	10517	2006	Recreation	A
10	02030105110060-01	Rock Brook (above Camp Meeting Ave)	Escherichia coli	12398	2006	Recreation	A
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Fecal Coliform	11009	2006	Recreation	A
06	02030103030070-01	Rockaway R (74d 33m 30s to Stephens Bk)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Fecal Coliform	11006	2006	Recreation	A
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Fecal Coliform	11009	2006	Recreation	A
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030150-01	Rockaway R (Boonton dam to Stony Brook)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Fecal Coliform	9965	2006	Recreation	A
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030170-01	Rockaway R (Passaic R to Boonton dam)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Escherichia coli	9965	2006	Recreation	A
06	02030103030040-01	Rockaway R (Stephens Bk to Longwood Lk)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
06	02030103030140-01	Rockaway R (Stony Brook to BM 534 brdg)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
04	02030103140040-01	Saddle River (above Ridgewood gage)	Fecal Coliform	10605	2006	Recreation	A
04	02030103140070-01	Saddle River (below Lodi gage)	Fecal Coliform	9958	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
04	02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	Escherichia coli	9956	2010	Recreation	A
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Escherichia coli	9958	2006	Recreation	A
04	02030103140050-01	Saddle River (Rt 4 to Hohokus)	Escherichia coli	9956	2006	Recreation	A
17	02040206030010-01	Salem R (above Woodstown gage)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206030010-01	Salem R (above Woodstown gage)	Phosphorus (Total)	10575	2006	Aquatic Life	A
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	Escherichia coli	9898	2006	Recreation	A
17	02040206040030-01	Salem R (Fenwick Ck to 39d40m14s dam)	Escherichia coli	9893	2012	Recreation	A
16	02040206210050-01	Savages Run (above East Creek Pond)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206130010-01	Scotland Run (above Fries Mill)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
17	02040206130040-01	Scotland Run (below Delsea Drive)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
11	02040105240010-01	Shabakunk Creek	Escherichia coli	9889	2008	Recreation	A
11	02040105240020-01	Shabakunk Creek WB	Fecal Coliform	9889	2008	Recreation	A
20	02040201070030-01	Shady Brook/Spring Lake/Rowan Lake	Phosphorus (Total)	10599	2008	Aquatic Life	A
13	02040301070010-01	Shannae Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
12	02030104090040-01	Shark River (above Remsen Mill gage)	Fecal Coliform	11095	2006	Recreation	A
12	02030104090040-01	Shark River (above Remsen Mill gage)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
12	02030104090040-01	Shark River (above Remsen Mill gage)	Phosphorus (Total)	12329	2008	Aquatic Life, Aquatic	A
12	02030104090060-01	Shark River (below Remsen Mill gage)	Enterococcus	31393	2010	Recreation	A
12	02030104090060-01	Shark River (below Remsen Mill gage)	Escherichia coli	31393	2006	Recreation	A
12	02030104090060-01	Shark River (below Remsen Mill gage)	Total Coliform	31393	2006	Shellfish	A
12	02030104080040-01	Shrewsbury River (above Navesink River)	Fecal Coliform	31394	2006	Recreation	A
12	02030104080040-01	Shrewsbury River (above Navesink River)	Total Coliform	31394	2006	Shellfish	A
06	02030103010190-01	Slough Brook	Fecal Coliform	10617	2010	Recreation	A
09	02030105120080-01	South Fork of Bound Brook	Fecal Coliform	10597	2006	Recreation	A
09	02030105120080-01	South Fork of Bound Brook	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
15	02040302050030-01	South River (above 39d26m15s)	Escherichia coli	31408	2014	Recreation	A
15	02040302050040-01	South River (below 39d26m15s)	Escherichia coli	31408	2012	Recreation	A
15	02040302050040-01	South River (below 39d26m15s)	Total Coliform	31408	2012	Shellfish	A
09	02030105120090-01	Spring Lake Fork of Bound Brook	Fecal Coliform	10599	2006	Recreation	A
08	02030105020010-01	Spruce Run (above Glen Gardner)	Fecal Coliform	9936	2008	Recreation	A



WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
08	02030105020020-01	Spruce Run (Reservior to Glen Gardner)	Fecal Coliform	9936	2006	Recreation	A
08	02030105020040-01	Spruce Run Reservior / Willoughby Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
15	02040302030050-01	Squankum Branch (GEHR)	Escherichia coli	31408	2008	Recreation	A
15	02040302050080-01	Stephen Creek (GEHR)	Mercury in Fish Tissue	40821	2010	Fish Consumption	A
15	02040302050080-01	Stephen Creek (GEHR)	Total Coliform	31408	2006	Shellfish	A
18	02040202140020-01	Still Run/London Br(above Tomlin Sta Rd)	Fecal Coliform	10541	2006	Recreation	A
10	02030105090070-01	Stony Bk (Harrison St to Rt 206)	Fecal Coliform	9950	2006	Recreation	A
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Fecal Coliform	9950	2006	Recreation	A
10	02030105090050-01	Stony Bk (Province Line Rd to 74d46m dam)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
10	02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	Fecal Coliform	9950	2006	Recreation	A
06	02030103030130-01	Stony Brook (Boonton)	Fecal Coliform	11005	2006	Recreation	A
09	02030105120030-01	Stony Brook (North Plainfield)	Fecal Coliform	11005	2008	Recreation	A
01	02040105030020-01	Swartwood Lake and tribs	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
01	02040105030020-01	Swartwood Lake and tribs	Phosphorus (Total)	12411	2006	Aquatic Life	A
12	02030104070070-01	Swimming River Reservior / Slope Bk	Escherichia coli	11002	2006	Recreation	A
12	02030104070070-01	Swimming River Reservior / Slope Bk	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
05	02030103170040-01	Tenakill Brook	Fecal Coliform	9958	2006	Recreation	A
08	02030105030040-01	Third Neshanic River	Fecal Coliform	9944	2006	Recreation	A
13	BarnegatBay04	Toms R Estuary	Enterococcus	31400	2008	Recreation	A
13	BarnegatBay04	Toms R Estuary	Total Coliform	31400	2006	Shellfish	A
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	Escherichia coli	31400	2012	Recreation	A
13	02040301060010-01	Toms River (above Francis Mills)	Fecal Coliform	10503	2006	Recreation	A
13	02040301060030-01	Toms River (Bowman Rd to 74-22-30 road)	Fecal Coliform	9900	2008	Recreation	A
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	Fecal Coliform	9900	2008	Recreation	A
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	Fecal Coliform	10503	2008	Recreation	A
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Escherichia coli	11006	2006	Recreation	A
13	02040301080060-01	Toms River Lwr (Rt 166 to Oak Ridge Pkwy)	Mercury in Fish Tissue	40821	2006	Fish Consumption	A
01	02040105030030-01	Trout Brook	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
06	02030103020080-01	Troy Brook (above Reynolds Ave)	Phosphorus (Total)	35044	2006	Aquatic Life	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
15	02040302070110-01	Tuckahoe River (below Rt 49)	Total Coliform	31408	2014	Shellfish	A
15	02040302070120-01	Tuckahoe River (lower)	Total Coliform	31408	2014	Shellfish	A
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Phosphorus (Total)	9933	2008	Aquatic Life	A
13	02040301140030-01	Tuckerton Creek (below Mill Branch)	Total Coliform	31522	2006	Shellfish	A
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Escherichia coli	31400	2012	Recreation	A
13	02040301070090-01	Union Branch (below Blacks Br 74d22m05s)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
07	02030104010030-01	Upper NY Bay / Kill Van Kull (74d07m30s)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
12	02030104060050-01	Waackaack Creek	Enterococcus	31395	2010	Recreation	A
12	02030104060050-01	Waackaack Creek	Total Coliform	31395	2006	Shellfish	A
14	02040301200030-01	Wading River (below Rt 542)	Total Coliform	31404	2014	Shellfish	A
14	02040301200020-01	Wading River (Rt 542 to Oswego River)	Total Coliform	31404	2014	Shellfish	A
14	02040301190050-01	Wading River WB (Jenkins Rd to Rt 563)	Mercury in Fish Tissue	37909	2006	Fish Consumption	A
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Arsenic	11101	2006	Water Supply	A
02	02020007030010-01	Wallkill R (41d13m30s to Martins Road)	Fecal Coliform	9883	2008	Recreation	A
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Arsenic	11101	2010	Water Supply	A
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Arsenic	11100	2010	Water Supply	A
02	02020007010080-01	Wallkill R (Franklin Pond to Ogdensburg)	Fecal Coliform	9876	2010	Recreation	A
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	Arsenic	11100	2006	Water Supply	A
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	Arsenic	11101	2006	Water Supply	A
02	02020007010040-01	Wallkill R (Hamburg SW Bdy to Frkln Pnd)	Escherichia coli	10508	2006	Recreation	A
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Arsenic	11101	2006	Water Supply	A
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Arsenic	11100	2006	Water Supply	A
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Fecal Coliform	9876	2006	Recreation	A
02	02020007010070-01	Wallkill R (Martins Rd to Hamburg SW Bdy)	Fecal Coliform	9877	2006	Recreation	A
02	02020007010020-01	Wallkill R (Ogdensburg to SpartaStation)	Arsenic	11098	2014	Water Supply	A
02	02020007010020-01	Wallkill R (Ogdensburg to SpartaStation)	Fecal Coliform	10508	2006	Recreation	A
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	Arsenic	11098	2014	Water Supply	A
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	Fecal Coliform	10508	2006	Recreation	A
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Arsenic	11102	2006	Water Supply	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	TMDL Number	Cycle 1st Listed	Designated Use	Sublist 4 Type
02	02020007030030-01	Wallkill River (Owens gage to 41d13m30s)	Fecal Coliform	9883	2006	Recreation	A
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Arsenic	11102	2006	Water Supply	A
02	02020007030040-01	Wallkill River (stateline to Owens gage)	Fecal Coliform	9883	2006	Recreation	A
03	02030103070030-01	Wanaque R/Greenwood Lk(aboveMonks gage)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
03	02030103070070-01	Wanaque R/Posts Bk (below reservior)	Fecal Coliform	10615	2006	Recreation	A
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Escherichia coli	33752	2014	Recreation	A
03	02030103070050-01	Wanaque Reservior (below Monks gage)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
09	02030105150010-01	Weamaconk Creek	Fecal Coliform	10550	2006	Recreation	A
13	02040301130050-01	Westecunk Creek (above GS Parkway)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
13	02040301130060-01	Westecunk Creek (below GS Parkway)	Total Coliform	31514	2008	Shellfish	A
12	02030104090010-01	Whale Pond Brook	Fecal Coliform	11002	2006	Recreation	A
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Fecal Coliform	1321	2006	Recreation	A
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
06	02030103020040-01	Whippany R (Lk Pocahontas to Wash Val Rd)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Fecal Coliform	1321	2006	Recreation	A
06	02030103020050-01	Whippany R (Malapardis to Lk Pocahontas)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Fecal Coliform	1321	2006	Recreation	A
06	02030103020100-01	Whippany R (Rockaway R to Malapardis Bk)	Phosphorus (Total)	35044	2008	Aquatic Life	A
06	02030103020020-01	Whippany R (Wash. Valley Rd to 74d 33m)	Escherichia coli	33755	2010	Recreation	A
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Escherichia coli	12390	2006	Recreation	A
11	02040105200040-01	Wickecheoke Creek (above Locktown)	Phosphorus (Total)	12370	2006	Aquatic Life	A
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Escherichia coli	12392	2006	Recreation	A
11	02040105200060-01	Wickecheoke Creek (below Locktown)	Phosphorus (Total)	12370	2006	Aquatic Life, Aquatic	A
15	02040302070100-01	Willis Thorofare / Hughes Creek	Total Coliform	31408	2014	Shellfish	A
12	02030104070020-01	Willow Brook	Fecal Coliform	31392	2006	Recreation	A
18	02040202120100-01	Woodbury Creek (above Rt 45)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
18	02040202120100-01	Woodbury Creek (above Rt 45)	Phosphorus (Total)	10570	2006	Aquatic Life	A
18	02040202120110-01	Woodbury Creek (below Rt 45)/LDRV to B T Ck	Phosphorus (Total)	10574	2006	Aquatic Life	A
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	Fecal Coliform	11011	2006	Recreation	A
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Fecal Coliform	11012	2006	Recreation	A

**Appendix B:**  
**Assessment Unit/Pollutant Combinations Addressed by A**  
**USEPA-approved TMDL (Sublist 4A)**

<b>WMA</b>	<b>Assessment Unit Number</b>	<b>Assessment Unit Name</b>	<b>Parameter</b>	<b>TMDL Number</b>	<b>Cycle 1st Listed</b>	<b>Designated Use</b>	<b>Sublist 4 Type</b>
12	02030104090080-01	Wreck Pond Brook (below Rt 35)	Mercury in Fish Tissue	37909	2008	Fish Consumption	A
01	02040105050040-01	Yards Creek	Mercury in Fish Tissue	37909	2010	Fish Consumption	A
12	02030104070040-01	Yellow Brook (above Bucks Mill)	Fecal Coliform	10996	2006	Recreation	A
12	02030104070060-01	Yellow Brook (below Bucks Mill)	Escherichia coli	10996	2012	Recreation	A

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
17	02040206060050-01	Alloway Ck (Quinton to Alloway-WdstwnRd)	Cause Unknown	AN0702	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
11	02040105230050-01	Assunpink Ck (Shipetaukin to Trenton Rd)	DDT and metabolites in Fish Tissue	Mercer Co. Park Lake	Applicable WQS attained; reason for recovery unspecified.	New fish tissue data shows full attainment.
13	02040301910020-01	Atl Coast(Herring Is to Rt 37)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
16	02040303060201-01	Atl Coast(off Cape May Pt)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
12	02030104930020-01	Atl Coast(Shark R to Manasquan)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
16	02040302940010-01	Atl Coast(34th St to Corson Inl)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
15	02040302920010-01	Atl Coast(Absecon In to Ventnor)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
13	02040301920010-01	Atl Coast(Barnegat to Surf City)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
16	02040302940020-01	Atl Coast(Corson to Townsends In)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
15	02040302930010-01	Atl Coast(Great Egg to 34th St)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
13	02040301920030-01	Atl Coast(Haven Bch to Lit Egg)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
14	02040302910010-01	Atl Coast(Ltl Egg to Absecon In)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
13	02040301910010-01	Atl Coast(Manasquan/Herring Is)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
12	02030104920010-01	Atl Coast(Sandy H to Navesink R)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
13	02040301920020-01	Atl Coast(Surf City to Haven Be)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
12	02030104930010-01	Atl Coast(Whale Pond to Shark R)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
16	02040302940050-01	Atl Coast(CM Inlet to Cape May Pt)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
16	02040302940040-01	Atl Coast(Hereford to Cape May In)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
13	02040301910030-01	Atl Coast(Rt 37 to Barnegat Inlet)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
16	02040302940030-01	Atl Coast(Townsend's to Hereford In)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
12	02030104920020-01	Atl Coast(Navesink R to WhalePond)	PCB in Fish Tissue		Applicable WQS attained; original basis for listing was incorrect.	See note below
17	02040206090010-01	Barrett Run (above West Ave)	Phosphorus (Total)	01413013, Mary Elmer Lake	TMDL Approved or established by EPA (4a)	TP TMDL
03	02030103070020-01	Belcher Creek (Pinecliff Lake & below)	Cause Unknown	AN0255,AN0255D	Applicable WQS attained; reason for recovery unspecified.	New data shows sites are fully supporting for aquatic life.
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Cause Unknown	AN0664	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
18	02040202120080-01	Big Timber Creek (below NB/SB confl)	Mercury in Fish Tissue	Big Timber Creek	Applicable WQS attained; reason for recovery unspecified.	New fish tissue data shows full attainment
18	02040202120030-01	Big Timber Creek SB (above Lakeland Rd)	Phosphorus (Total)	Grenlock Lake	TMDL Approved or established by EPA (4a)	TP TMDL
18	02040202150070-01	Birch Creek	Phosphorus (Total)	01477160	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Tidal Saline Station, no criteria.
18	02040202150070-01	Birch Creek	Total Suspended Solids (TSS)	01477160	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station is located in SE2 waters, no TSS criteria. TSS upstream in non-tidal waters is fully attaining.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
17	02040206070030-01	Canton Drain (above Maskell Mill)	pH	01413065	Applicable WQS attained; original basis for listing was incorrect.	Data shows no exceedances, should have never been listed. Only 4 samples from 1999-2000. Only station in watershed with data.
17	02040206070040-01	Canton Drain (below Maskell Mill)	Cause Unknown	AN0707	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
18	02040202110030-01	Cooper River (above Evesham Road)	Turbidity	01467150	Applicable WQS attained; reason for recovery unspecified.	01467150 with old data from 1999-2004 trumped by newer data downstream at Cooper R at Culthbert Blvd and Cooper R near Mouth of River shows that turbidity meets criteria. All 19 samples from both stations meet criteria.
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Enterococcus	CC1147	Applicable WQS attained; reason for recovery unspecified.	No longer a monitored beach. Beach assessments associated with Delaware Bay AU show all 14 beaches fully attaining.
01	02040105060020-01	Delawanna Creek (incl UDRV)	Mercury in Fish Tissue	Delaware Lake	Applicable WQS attained; reason for recovery unspecified.	New fish tissue data shows full attainment
17	DELAWARE RIVER 19	Delaware River 5B	Chlordane in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
17	DELAWARE RIVER 19	Delaware River 5B	DDT and metabolites in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
17	DELAWARE RIVER 19	Delaware River 5B	Dieldrin		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
17	DELAWARE RIVER 19	Delaware River 5B	Mercury in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
17	DELAWARE RIVER 20	Delaware River 5C	Chlordane in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
17	DELAWARE RIVER 20	Delaware River 5C	DDT and metabolites in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
17	DELAWARE RIVER 20	Delaware River 5C	Dieldrin		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
17	DELAWARE RIVER 20	Delaware River 5C	Mercury in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU consolidated into Delaware River 18 - Zone 5
20	02040201060010-01	Doctors Creek (above 74d28m40s)	pH	01464512	Applicable WQS attained; reason for recovery unspecified.	No exceedances since 2002 (16 samples).
20	02040201060020-01	Doctors Creek (Allentown to 74d28m40s)	Phosphorus (Total)	01464515,Imlaystown Lake,Allentown Lake	TMDL Approved or established by EPA (4a)	TP TMDL
15	02040302030030-01	Four Mile Branch (GEHR)	Phosphorus (Total)	Crystal Spring Lake	Applicable WQS attained; reason for recovery unspecified.	Lake is trumped by more recent data at downstream site 01410810 with all 9 samples meeting criteria and a max value of 0.025 mg/l
19	02040202050050-01	Friendship Ck (below/incl Burrs Mill Bk)	pH	01465835	Applicable WQS attained; reason for recovery unspecified.	01465835 downstream from AU, but stations Old Forge Lake (all 9 samples attaining) and SFRRETRE (all 11 samples attaining) in AU are full attaining.
19	02040202050050-01	Friendship Ck (below/incl Burrs Mill Bk)	Phosphorus (Total)	01465835	Applicable WQS attained; reason for recovery unspecified.	01465835 is located in AU downstream, Old Forge Lake in AU is fully attaining (all 9 samples attaining) and trumps downstream results.



WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
15	02040302050130-01	Great Egg Harbor R (GEH Bay to Miry Run)	Mercury in Fish Tissue	15-GEH-3	Applicable WQS attained; reason for recovery unspecified.	All 3 GEH tidal AU's were originally listed for Mercury in water column and delisted based on upstream results at 15-GEH-3. An administrative mistake placed this AU as non attaining for Mercury in Fish Tissue in 2012. No fish tissue data in GEH estuary, administrative error.
14	02040301160160-01	Gun Branch	pH		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU split from 02040301160110-01, Albertson Brook in 2010. No Data in AU.
05	02030103170060-01	Hackensack R (Oradell to OldTappan gage)	Escherichia coli	01377000,01378475	TMDL Approved or established by EPA (4a)	Covered by TMDL
14	02040301170010-01	Hammonton Creek (above 74d43m)	Mercury in Fish Tissue	01409414	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Listed for Mercury in water column, not Mercury in Fish Tissue. Administrative error.
13	02040301020030-01	Haystack Brook	Arsenic	HS-1	Applicable WQS attained; original basis for listing was incorrect.	HS-1 more than 50% censored data(11 of 19 censored). Unable to make an assessment and placed on Sublist 3. Should have never been listed, administrative error.
13	02040301020030-01	Haystack Brook	Cause Unknown	MB-139	Applicable WQS attained; reason for recovery unspecified.	Trumped by more recent data at AN0504 that shows fully supporting for aquatic life.
17	02040206090020-01	Indian Fields Branch / Jackson Run	Cause Unknown	AN0715	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
17	02040206020010-01	LDRV tribs (Lakeview Ave to Oldmans Ck)	Mercury in Fish Tissue	DOD Lake	Applicable WQS attained; reason for recovery unspecified.	New fish tissue data shows full attainment
11	02040105200010-01	Lockatong Ck (above Rt 12)	Phosphorus (Total)	L8A/9/9A	TMDL Approved or established by EPA (4a)	TP TMDL
11	02040105200020-01	Lockatong Ck (Milltown to Rt 12)	Phosphorus (Total)	L4	TMDL Approved or established by EPA (4a)	TP TMDL

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
13	02040301130090-01 New AU: BarnegatBay08	Manahawkin/LEH Bay (MillCrk-TurtleCove) New AU: Manahawkan Bay and Upper Little Egg Harbor	Oxygen, Dissolved	MB,1680B	Applicable WQS attained; reason for recovery unspecified.	Diurnal Data only available in 2007, low reading appears to be instrument malfunction in July. All other stations in AU fully attaining for DO (1719E,1680B,1683C,1700A,1703,1703C1704,1707C,1675,1718B,1721,1721C,1712) with recent intensive study data for BB study (BB10,BB11,BB11A) showing full attainment as well.
13	02040301070080-01	Manapaqua Brook	Mercury in Water Column	01408460	Applicable WQS attained; original basis for listing was incorrect.	All 4 samples full attain, no other metal sampling in AU. Administrative error.
17	02040206170030-01	Maurice River(Menantico Ck to UnionLake)	Cause Unknown	AN0755	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
13	02040301020020-01	Metedeconk R NB(Rt 9 to I-195)	Arsenic	NK	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	NK does not represent AU. NG within AU has over 50% censored data (20 of 32 censored). Unable to make an assessment and placed on Sublist 3.
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Chlordane in Fish Tissue	Lake Manahawkin	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No data for Chlordane at station, administrative error
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	pH	01409150	Applicable WQS attained; reason for recovery unspecified.	BT11 (all 67 samples attaining) located within the AU trumps results from 01409150 that is located outside of AU.
12	02030104070050-01	Mine Brook (Monmouth Co)	Escherichia coli	01407450,MCHD-58	TMDL Approved or established by EPA (4a)	Covered by TMDL
07	02030104030010-01	Morses Creek / Piles Creek	Fecal Coliform	NJHDG-21	Applicable WQS attained; original basis for listing was incorrect.	SE3 waters with secondary contact designated use shows all data meets criteria (39 samples).

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
13	02040301020040-01	Muddy Ford Brook	Arsenic	MF-1	Applicable WQS attained; original basis for listing was incorrect.	MF-1 more than 50% censored data (23 of 31 censored). Unable to make an assessment and placed on Sublist 3. Should have never been listed, administrative error.
13	02040301020040-01	Muddy Ford Brook	Mercury in Water Column	MF-1	Applicable WQS attained; original basis for listing was incorrect.	Wrong assessment, units of measure were wrong previously. Data is fully attaining.
13	02040301020040-01	Muddy Ford Brook	Phosphorus (Total)	MCHD-17	Applicable WQS attained; reason for recovery unspecified.	Last 10 years of data shows only 1 of 25 samples exceeding.
13	02040301020040-01	Muddy Ford Brook	Total Suspended Solids (TSS)	MCHD-17	Applicable WQS attained; reason for recovery unspecified.	Since last exceedance in June 2003, all data (26 samples) are fully attaining.
14	02040301170140-01	Mullica R. ( BatstoR to Nescochague Lake)	pH	R26	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No pH data at only station in AU. AU is in the tidal portion with no pH data available along the Mullica River mainstem. Administrative mistake in original listing.
14	02040301160020-01	Mullica River (above Jackson Road)	Oxygen, Dissolved	01409383	Applicable WQS attained; reason for recovery unspecified.	Diurnal Data 2003 - Meets criteria, 01409375 upstream is full attain.
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	pH	R26	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No pH data at only station in AU. AU is in the tidal portion with no pH data available along the Mullica River mainstem. Administrative mistake in original listing.
01	02040105150030-01	Musconetcong R (Wills Bk to LkHopatcong)	Oxygen, Dissolved	01455500	Applicable WQS attained; reason for recovery unspecified.	Only 2002 data but MSA1/2/3 in AU also show full attain in 2004, should have been delisted in 2012.
17	02040206100060-01	Nantuxent Creek (above Newport Landing)	Cause Unknown	AN0719	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
12	02030104070110-01	Navesink R (below Rt 35)/LowerShrewsbury	Turbidity	MCHD-38	Applicable WQS attained; reason for recovery unspecified.	Latest Data from 2005-2009 show no exceedances(14 samples), other stations in HUC fully attaining (MCHD-37/42/43).

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
12	02030104070120-01	Navesink R mouth	Turbidity		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	AU split from 02030104070110-01 Navesink R (below Rt 35)/LowerShrewsbury in 2010. No Turbidity data in HUC. Data at 02030104070110-01 now shows full attainment. In addition, other AU upstream, Shrewsbury River is fully attaining.
05	02030103170010-01	Pascack Brook (above Westwood gage)	Phosphorus (Total)	01377358	TMDL Approved or established by EPA (4a)	TP TMDL
05	02030103170020-01	Pascack Brook (below Westwood gage)	Phosphorus (Total)	01377499,MB001/2/4/5/6	TMDL Approved or established by EPA (4a)	TP TMDL
06	02030103010150-01	Passaic R Upr (Columbia Rd to 40d 45m)	Total Dissolved Solids	01379580	Applicable WQS attained; reason for recovery unspecified.	01379504 in AU with more comprehensive and recent dataset (all 27 samples attaining) trumps 01379580 located downstream.
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Mercury in Water Column	6-site-3	Applicable WQS attained; reason for recovery unspecified.	Data at 6-site-3 and 01382000 shows only 1 excursion that was "estimated" therefore delisted. (9 samples)
18	02040202100060-01	Pennsauken Ck (below NB / SB)	Mercury in Fish Tissue	Pennsauken Creek @ Forked Landing	Applicable WQS attained; reason for recovery unspecified.	New fish tissue data shows full attainment
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Cause Unknown	AN0180,AN0181	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
12	02030104060060-01	Pews Creek to Shrewsbury River	Oxygen, Dissolved	R67	Applicable WQS attained; reason for recovery unspecified.	1 of 2 exceedances within range of analytical error out of 34 samples in last 10 yrs.
01	02040105140020-01	Pohatcong Ck (Brass Castle Ck to Rt 31)	pH	01455200	Applicable WQS attained; reason for recovery unspecified.	01455138 (all 8 samples attaining) located within the AU trumps results from 01455200 located outside of the AU.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Phosphorus (Total)	01477160	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Tidal Saline Station, no criteria.
18	02040202150060-01	Raccoon Ck (below Swedesboro rd)/BirchCk	Total Suspended Solids (TSS)	01477160	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station is located in SE2 waters, no TSS criteria. Watershed is all SE2 waters.
18	02040202150050-01	Raccoon Ck (Swedesboro rd-RussellMillRd)	Cause Unknown	AN0685,AN0684	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
07	02030104050100-01	Rahway River (below Robinsons Branch)	Oxygen, Dissolved	NJHDG-22,Passaic-19	Applicable WQS attained; reason for recovery unspecified.	NJHDG-11 data shows improvement since 2006, 62 of 63 meet criteria over last 5 yrs.
03	02030103100070-01	Ramapo R (below Crystal Lake bridge)	Oxygen, Dissolved	01388100	Applicable WQS attained; reason for recovery unspecified.	Diurnal data full attain 2007-2013
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Phosphorus (Total)	01465970	Applicable WQS attained; original basis for listing was incorrect.	No data at 01465970, stations 01465950(upstream) and RCW-NBRANC1(downstream) both meet criteria. All 28 samples from both stations meet criteria.
19	02040202020040-01	Rancocas Ck NB (NL dam to Mirror Lk)	Phosphorus (Total)	01465970	Applicable WQS attained; original basis for listing was incorrect.	No data at 01465970, stations 01465950(upstream) and RCW-NBRANC1(downstream) both meet criteria. All 28 samples from both stations meet criteria.
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Lead	19-RA-3N	Applicable WQS attained; reason for recovery unspecified.	Co-located station 01467000 recent data confirms full attainment. All 17 samples meet criteria.
12	02030104910030-01	Raritan Bay ( deep water)	Heptachlor epoxide	HEP	Applicable WQS attained; original basis for listing was incorrect.	Administrative error, Raritan Bay should have never been listed in 2012. CARP model does not show non support.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
12	02030104910030-01	Raritan Bay ( deep water)	Oxygen, Dissolved	908C,918	Applicable WQS attained; original basis for listing was incorrect.	Wrong assessment in 2006 - data shows Full Attain. Each site has only 1 exceedance out of 23 samples.
12	02030104910010-01	Raritan Bay (west of Thorns Ck)	Heptachlor epoxide	HEP	Applicable WQS attained; original basis for listing was incorrect.	Administrative error, Raritan Bay should have never been listed in 2012. CARP model does not show non support.
08	02030105020070-01	Raritan R SB(River Rd to Spruce Run)	pH	SB1	Applicable WQS attained; original basis for listing was incorrect.	Data mistaken with RCW-SB1, data fully attaining. All 28 samples meet criteria.
03	02030103070080-01	Ringwood Creek	Escherichia coli		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No data in AU, administrative error.
12	02030104910020-01	Sandy Hook Bay (east of Thorns Ck)	Oxygen, Dissolved	906A	Applicable WQS attained; original basis for listing was incorrect.	Wrong assessment in 2006 - data shows Full Attain. Site has only 1 exceedance out of 24 samples.
12	02030104090040-01	Shark River (above Remsen Mill gage)	Phosphorus (Total)	01407670,MCHD-30/70	TMDL Approved or established by EPA (4a)	TP TMDL
17	02040206120030-01	Still Run (above Silver Lake Road)	Cause Unknown	AN0729	Applicable WQS attained; reason for recovery unspecified.	New data shows sites are fully supporting for aquatic life.
13	02040301080060-01	Toms R Lwr (Rt 166 to Oak Ridge Pkwy)	Arsenic	13-tom-1	Applicable WQS attained; original basis for listing was incorrect.	Data at 13-tom-1 and 01408500 are all non detect (7 samples). Should have never been listed, administrative error.
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	Cause Unknown	AN0519	Applicable WQS attained; reason for recovery unspecified.	New data shows sites are fully supporting for aquatic life.
13	02040301060010-01	Toms River (above Francis Mills)	PCB in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No fish tissue data in AU. Administrative error
13	02040301060060-01	Toms River (Hope Chapel Rd to Bowman Rd)	PCB in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No fish tissue data in AU. Administrative error
13	02040301060080-01	Toms River (Oak Ridge Parkway to Rt 70)	PCB in Fish Tissue		Data and/or information lacking to determine WQ status; original basis for listing was incorrect	No fish tissue data in AU. Administrative error

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
03	02030103070050-01	Wanaque Reservoir (below Monks gage)	Escherichia coli	01387000	TMDL Approved or established by EPA (4a)	Covered by TMDL
03	02030103070050-01	Wanaque Reservoir (below Monks gage)	Oxygen, Dissolved	Erskine Lake, Sheppard Pond	Applicable WQS attained; original basis for listing was incorrect.	Originally listed with pre-1998 data, all data collected at Erskine Lake and Sheppard Pond since 2000 are fully attaining.
13	02040301090010-01	Webbs Mill Branch	Cause Unknown	AN0545	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	Station discontinued because located in tidal waters and the biological metrics are not valid in tidal waters. No other biological monitoring stations in this AU.
17	02040206170020-01	White Marsh Run (Millville)	Cause Unknown	AN0754	Applicable WQS attained; reason for recovery unspecified.	New data shows sites are fully supporting for aquatic life.
12	02030104090070-01	Wreck Pond Brook (above Rt 35)	pH	MCHD-14	Applicable WQS attained; reason for recovery unspecified.	MCHD-14 has shown 24 samples fully attaining since last exceedances.
12	02030104060040-01	Chingarora Creek to Thorns Creek	Cause Unknown	AN0459	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at MCHD-36 (DO) replaced Cause Unknown. Biological Data still impaired, administrative change.
14	02040301160090-01	Clark Branch (above/incl Price Branch)	Cause Unknown	AN0567	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 0140940480 (DO) replaced Cause Unknown. Biological Data still impaired, administrative change.
02	02020007020060-01	Clove Brook (Papakating Ck)	Cause Unknown	AN0309	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 0140940480 (DO) replaced Cause Unknown. Biological Data still impaired, administrative change.
01	02040105040010-01	Culvers Creek	Cause Unknown	AN0017	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 0140940480 (DO) replaced Cause Unknown. Biological Data still impaired, administrative change.
09	02030105120040-01	Green Bk (Bound Bk to N Plainfield gage)	Cause Unknown	AN0423	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01403470 (pH) replaced Cause Unknown. Biological Data still impaired, administrative change.
19	02040202030090-01	Greenwood Br (below CountryLk & MM confl)	Cause Unknown	AN0148	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01466900 (pH) replaced Cause Unknown. Biological Data still impaired, administrative change.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
13	02040301080070-01	Jakes Branch (Lower Toms River)	Cause Unknown	AN0543	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at BT05 (DO) replaced Cause Unknown. Biological Data still impaired, administrative change.
14	02040301170100-01	Landing Creek (above Rt 563)	Cause Unknown	AN0590	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01409571 (pH) replaced Cause Unknown. Biological Data still impaired, administrative change.
09	02030105130060-01	Lawrence Bk (Milltown to Church Lane)	Cause Unknown	AN0434	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at Farrington Lake (TP) replaced Cause Unknown. Biological Data still impaired, administrative change.
01	02040105160010-01	Musconetcong R (Hances Bk thru Trout Bk)	Cause Unknown	AN0070	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01456210 (temperature) replaced Cause Unknown. Biological Data still impaired, administrative change.
01	02040105150100-01	Musconetcong R (Trout Bk to SaxtonFalls)	Cause Unknown	AN0068	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at GDU1/SDU1 (pH) replaced Cause Unknown. Biological Data still impaired, administrative change.
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Cause Unknown	AN0032A	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at DRBCNJ0036 (temperature) replaced Cause Unknown. Biological Data still impaired, administrative change.
01	02040105040090-01	Paulins Kill (Stillwater Vil to PK Lake)	Cause Unknown	AN0022	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01443500 (temperature) replaced Cause Unknown. Biological Data still impaired, administrative change.
06	02030103030030-01	Rockaway R (above Longwood Lake outlet)	Cause Unknown	AN0240	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at Sun Air Campground (pH) replaced Cause Unknown. Biological Data still impaired, administrative change.
04	02030103140040-01	Saddle River (above Ridgewood gage)	Cause Unknown	AN0281	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01390500 (pH) replaced Cause Unknown. Biological Data still impaired, administrative change.
02	02020007030010-01	Wallkill R(41d13m30s to Martins Road)	Cause Unknown	AN0302	Data and/or information lacking to determine WQ status; original basis for listing was incorrect	New pollutant at 01367770 (TSS) replaced Cause Unknown. Biological Data still impaired, administrative change.



WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Original Listing Station	Delisting Reason	Explanation
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Note: No information is available to indicate that the levels of PCBs in sediment in the near shore ocean waters or in the water column exceed applicable WQS. Not listing for PCBs in Fish Tissue is consistent with the fish consumption use assessment procedures and outcomes for other states along the Atlantic seaboard that takes into account the migratory nature of fish species along the coastal waters.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
12	02030104090090-01	Atl Drainage ( Shark R - Deal Lk)	Total Coliform	Shellfish	Insufficient Data	AU split from 02030104090060-01, Shark River (below Remsen Mill gage) in 2010. No total coliform data in AU.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
15	02040302050020-01	Babcock Creek (GEHR)	Total Coliform	Shellfish	Not Applicable	No shellfish harvesting in AU.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
15	02040302050020-01	Babcock Creek (GEHR)	Escherichia coli	Recreation		Administrative. Double listing, removed wrong TMDL ID 9897	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
07	02030104050030-01	Baltusrol trib (above Springfield Sta)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301100030-01	Barnegat Bay Cntrl (Rt 37-Brngt Inlet)	Enterococcus	Recreation	Fully Supporting	Station OC0122 is full attain. AU replaced by BarnegatBay05-Barnegat Bay Central West.	Applicable WQS attained; reason for recovery unspecified.
13	02040301100040-01	Barnegat Bay Cntrl (Toms R-Cedar Crk)	Enterococcus	Recreation	Fully Supporting	Full support based on wildlife preserve on east side of AU, AU to the west is full attain, and nearest beach to the south is full attain, AU replaced by BarnegatBay06-Barnegat Bay Central East	Applicable WQS attained; reason for recovery unspecified.
13	02040301050050-01	Barnegat Bay North (above Rt 37 bridge)	Total Coliform	Shellfish		Administrative. AU replaced by BarnegatBay03-Metedeconk and Lower Tribs-Bay	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301050050-01	Barnegat Bay North (above Rt 37 bridge)	Enterococcus	Recreation	Fully Supporting	Stations OC0023,OC0036,OC0043,OC0120,OC0132,OC0138 full attain. AU replaced by BarnegatBay03-Metedeconk and Lower Tribs-Bay.	Applicable WQS attained; reason for recovery unspecified.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
02	02020007010060-01	Beaver Run	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103020070-01	Black Brook (Hanover)	Phosphorus (Total)	Aquatic Life-General	Insufficient Data	No TP data in AU, review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data). Biological data is either insufficient information or no data.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
20	02040201080010-01	Blacks Creek (above 40d06m10s)	Fecal Coliform	Recreation	Fully Supporting	Station 01464527 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
17	02040206140020-01	Burnt Mill Branch / Hudson Branch	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206180020-01	Cedar Branch (Menantico Creek)	Phosphorus (Total)	Aquatic Life-General	Insufficient Data	No TP data in AU, review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data). Biological data is either insufficient information or no data.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206090060-01	Cohansey R (75d15m to/incl Rocaps Run)	Phosphorus (Total)	Aquatic Life - General	Insufficient Data	Total phosphorus is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206080010-01	Cohansey R (above Beals Mill)	Escherichia coli	Recreation	Fully Supporting	Station 01412800 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
17	02040206080050-01	Cohansey R (incl CornwellRun - BeebeRun)	Escherichia coli	Recreation	Fully Supporting	Station 01412800 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
17	02040206080020-01	Cohansey R (incl HandsPond - Beals Mill)	Escherichia coli	Recreation	Fully Supporting	Station 01412800 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
08	02030105050060-01	Cold Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206060010-01	Cool Run	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
03	02030103100060-01	Crystal Lake/Pond Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
09	02030105120070-01	Cuckels Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103010080-01	Dead River (above Harrisons Brook)	Fecal Coliform	Recreation	Insufficient Data	Station 01379200 data not valid for this AU, should have never been listed on 303(d) or had TMDL developed.	Applicable WQS attained; original basis for listing was incorrect.
06	02030103010100-01	Dead River (below Harrisons Brook)	Phosphorus (Total)	Aquatic Life - General	Insufficient Data	Station 01379200 within mixing zone. Data invalid, should have never been listed on 303(d) or had TMDL developed.	Applicable WQS attained; original basis for listing was incorrect.
17	DELAWARE RIVER 19	Delaware River 5B	PCB in Fish Tissue	Fish Consumption		Administrative. AU consolidated into Delaware River 18 - Zone 5	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	DELAWARE RIVER 20	Delaware River 5C	PCB in Fish Tissue	Fish Consumption		Administrative. AU consolidated into Delaware River 18 - Zone 5	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	DELAWARE RIVER 20	Delaware River 5C	Total Coliform	Shellfish		Administrative. AU consolidated into Delaware River 18 - Zone 5	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
16	02040206220040-01	Dennis Creek (below Jakes Landing Rd)	Total Coliform	Shellfish	Insufficient Data	Administrative closure, TMDL calculated no pollutant (pathogens) reductions required.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
16	02040206220030-01	Dennis Creek (Jakes Landing Rd to Rt 47)	Total Coliform	Shellfish	Insufficient Data	Administrative closure, TMDL calculated no pollutant (pathogens) reductions required.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
20	02040201060030-01	Doctors Creek (below Allentown)	Fecal Coliform	Recreation	Fully Supporting	Station 01464515 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
01	02040105040020-01	Dry Brook	Fecal Coliform	Recreation	Fully Supporting	Station 01443409 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
16	02040206210060-01	East Creek	Total Coliform	Shellfish	Insufficient Data	Administrative closure, TMDL calculated no pollutant (pathogens) reductions required.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
07	02030104020030-01	Elizabeth R (below Elizabeth CORP BDY)	Fecal Coliform	Recreation		Administrative. Double listing, removed wrong TMDL ID 10515	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
20	02040201050060-01	Ellisdale trib (Crosswicks Creek)	Escherichia coli	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
08	02030105030010-01	First Neshanic River	Escherichia coli	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105090050-01	Furnace Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Escherichia coli	Recreation	Fully Supporting	Station 01411110 fully attaining for E.Coli. Old TMDL ID 31408	Applicable WQS attained; original basis for listing was incorrect.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
15	02040302040110-01	GEHR (Mare Run to Rt 322)	Escherichia coli	Recreation	Fully Supporting	Station 01411110 fully attaining for E.Coli. Old TMDL ID 9897	Applicable WQS attained; original basis for listing was incorrect.
17	02040206140030-01	Green Branch / Endless Branch	Fecal Coliform	Recreation	Fully Supporting	Station 01411490 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
06	02030103030050-01	Green Pond Brook (above Burnt Meadow Bk)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103010090-01	Harrisons Brook	Phosphorus (Total)	Aquatic Life - General	Insufficient Data	Station 01379200 data not valid for this AU, should have never been listed on 303(d) or had TMDL developed.	Applicable WQS attained; original basis for listing was incorrect.
06	02030103010090-01	Harrisons Brook	Fecal Coliform	Recreation	Insufficient Data	Station 01379200 data not valid for this AU, should have never been listed on 303(d) or had TMDL developed.	Applicable WQS attained; original basis for listing was incorrect.
06	02030103030100-01	Hibernia Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105050030-01	Jacksonburg Creek	Fecal Coliform	Recreation	Fully Supporting	Station 01443600 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
01	02040105040040-01	Lafayette Swamp tribs	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
01	02040105040030-01	Lake Kemah tribs	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
14	02040301170100-01	Landing Creek (above Rt 563)	Escherichia coli	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
03	02030103110010-01	Lincoln Park tribs (Pompton River)	Fecal Coliform	Recreation		Administrative. Double listing for Escherichia coli and Fecal Coliform.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206120010-01	Little Ease Run (above Academy Rd)	Escherichia coli	Recreation	Fully Supporting	Station BA64B fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
11	02040105200030-01	Lokatong Ck (below Milltown) incl UDRV	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	Stations DRBCNJ0013, 01460900, L2 fully attaining for total phosphorus.	Applicable WQS attained; reason for recovery unspecified.
12	02030104080050-01	Long Branch direct Atlantic drainage	Total Coliform	Shellfish	Insufficient Data	AU split from 02030104080030-01, Branchport Creek in 2010. No total coliform data in AU.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
09	02030105140010-01	Manalapan Brook (above 40d 16m 15s)	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	Station 01405303 fully attaining for TP located in AU trumps data from 01405340 outside of AU. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
13	02040301070080-01	Manapaqua Brook	Escherichia coli	Recreation	Fully Supporting	Station 01408460 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
13	02030104100080-01	Manasquan R (74d07m30s to Squankum gage)	Phosphorus (Total)	Aquatic Life - General	Not Supporting	Not covered by TMDL 12327, placed on 303(d) List	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
12	02030104100010-01	Manasquan R (above 74d17m50s road)	Escherichia coli	Recreation	Fully Supporting	Station MCHD-92 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
03	02030103100020-01	Masonicus Brook	Phosphorus (Total)	Aquatic Life - General	Insufficient Data	Total phosphorus is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
03	02030103100020-01	Masonicus Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Enterococcus is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
09	02030105150060-01	Matchaponix Brook (below Pine Brook)	Fecal Coliform	Recreation	Fully Supporting	Station 01405302 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
17	02040206140010-01	Maurice River (BlkwrBr to/incl WillowGroveLk)	Escherichia coli	Recreation	Fully Supporting	Station 01411500 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
09	02030105150020-01	McGellairds Brook (above Taylors Mills)	Fecal Coliform	Recreation	Fully Supporting	Station MCHD-61 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Total Coliform	Shellfish	Not Applicable	Administrative. AU was split at the head of tide in 2014 and replaced by Barnegat Bay02-Metedeconk R Estuary	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	Enterococcus	Recreation	Not Applicable	Administrative. AU was split at the head of tide in 2014 and replaced by Barnegat Bay02-Metedeconk R Estuary	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301040030-01	Metedeconk R (below Beaverdam Creek)	Total Coliform	Shellfish		Administrative. AU replaced by BarnegatBay01-Point Pleasant Canal and Bay Head Harbor	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	Fecal Coliform	Recreation	Fully Supporting	Station SK fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
09	02030105120180-01	Middle Brook	Escherichia coli	Recreation	Fully Supporting	Station 01403190 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
17	02040206160040-01	Mill Creek (lower)	Escherichia coli	Recreation	Insufficient Data	E. Coli or Enterococcus is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect



WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
10	02030105110140-01	Millstone R (AmwellRd to BlackwellsMills)	Fecal Coliform	Recreation	Fully Supporting	Station 01402000 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
10	02030105110110-01	Millstone R (BlackwellsMills to BedenBk)	Fecal Coliform	Recreation	Fully Supporting	Station BA122A fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
10	02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	Fecal Coliform	Recreation	Fully Supporting	Station BA117A fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
01	02040105150090-01	Mine Brook (Morris Co)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105090040-01	Mountain Lake Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
14	02040301170140-01	Mullica River ( BatstoR to Nescochague Lake)	Escherichia coli	Recreation	Fully Supporting	Station R26 fully attaining for enterococcus. E. Coli not applicable to this AU.	Applicable WQS attained; original basis for listing was incorrect.
14	02040301170040-01	Mullica River (BatstoR to PleasantMills)	Escherichia coli	Recreation	Fully Supporting	Station R26 fully attaining for enterococcus. No E.coli data in AU.	Applicable WQS attained; original basis for listing was incorrect.
14	02040301170080-01	Mullica River (Lower Bank Rd to Rt 563)	Escherichia coli	Recreation	Fully Supporting	Station R27 fully attaining for enterococcus. No E.coli data in AU.	Applicable WQS attained; original basis for listing was incorrect.
14	02040301170060-01	Mullica River (Rt 563 to Batsto River)	Fecal Coliform	Recreation	Fully Supporting	Station R27 fully attaining for enterococcus and 01409525 fully attaining for E. coli. Fecal coliform not applicable to this AU.	Applicable WQS attained; original basis for listing was incorrect.
01	02040105160030-01	Musconetcong R (Rt 31 to Changewater)	Fecal Coliform	Recreation	Fully Supporting	Station 01456590 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
12	02030104070120-01	Navesink R mouth	Fecal Coliform	Recreation	Fully Supporting	Station MC0051 fully attaining for enterococcus. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
08	02030105030070-01	Neshanic River (below Black Brk)	Fecal Coliform	Recreation	Not Supporting	Not covered by TMDL 9944 placed on 303(d) List	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
08	02030105030060-01	Neshanic River (below FNR / SNR confl)	Fecal Coliform	Recreation		Administrative. Double listing for Escherichia coli and Fecal Coliform.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
11	02040105170040-01	Nishisakawick Creek (above 40d 33m)	Fecal Coliform	Recreation	Fully Supporting	Station 01458570 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
11	02040105170050-01	Nishisakawick Creek (below 40d 33m)	Fecal Coliform	Recreation	Fully Supporting	Station 01458570 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
07	02030104050050-01	Nomahegan Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
12	02030104070090-01	Nut Swamp Brook	Fecal Coliform	Recreation	Not Supporting	Not covered by TMDL 31392 placed on 303(d) List	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	01477440 and Harrisonville Lake-18 fully attaining for TP, No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
18	02040202160020-01	Oldmans Creek (Rt45 to Commissioners Rd)	Fecal Coliform	Recreation	Fully Supporting	Station BA91 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
17	02040206080030-01	Parsonage Run / Foster Run	Escherichia coli	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206140070-01	Parvin Branch / Tarkiln Branch	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	Fecal Coliform	Recreation	Not Supporting	Not covered by TMDL 12381 placed on 303(d) List	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	Oxygen, Dissolved	Aquatic Life - General	Fully Supporting	Stations 01389500, NJHDG-1, NJHDG-2, Passaic-10, Passaic-11, Passaic-12 fully attaining for dissolved oxygen.	Applicable WQS attained; original basis for listing was incorrect.
04	02030103120100-01	Passaic R Lwr (Goffle Bk to Pompton R)	Oxygen, Dissolved	Aquatic Life - General	Fully Supporting	Stations 01389005, PA8 fully attaining for dissolved oxygen.	Applicable WQS attained; original basis for listing was incorrect.
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103010010-01	Passaic R Upr (above Osborn Mills)	Fecal Coliform	Recreation		Administrative. Double listing, removed wrong TMDL ID 9957	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103010070-01	Passaic R Upr (Dead R to Osborn Mills)	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	Station 01379000 fully attaining for total phosphorus.	Applicable WQS attained; reason for recovery unspecified.
06	02030103010180-01	Passaic R Upr (Pine Bk br to Rockaway)	Fecal Coliform	Recreation		Administrative. Double listing, removed wrong TMDL ID 9957	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105050050-01	Paulins Kill (below Blairstown gage)	Fecal Coliform	Recreation	Fully Supporting	Station DRBCNJ0036 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	Fecal Coliform	Recreation	Fully Supporting	Station 01443500 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
18	02040202100030-01	Pennsauken Ck NB (below Strawbridge Lk)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Fecal Coliform	Recreation	Fully Supporting	Station BA131 fully attaining for E.Coli. Old TMDL ID 11105	Applicable WQS attained; reason for recovery unspecified.
03	02030103050060-01	Pequannock R (Macopin gage to Charl'brg)	Fecal Coliform	Recreation	Fully Supporting	Station BA131 fully attaining for E.Coli. Old TMDL ID 10614	Applicable WQS attained; reason for recovery unspecified.
01	02040105070060-01	Pequest R (below Bear Swamp to Trout Bk)	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	01445100 and Alphano Pond-01 fully attaining for TP, No TMDL.	Applicable WQS attained; reason for recovery unspecified.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
01	02040105090020-01	Pequest R (Cemetary Road to Drag Strip)	Phosphorus (Total)	Aquatic Life - General	Insufficient Data	No TP data in AU, review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data). Biological data is either insufficient information or no data.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105090030-01	Pequest R (Furnace Bk to Cemetery Road)	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	Station 01445430 fully attaining for total phosphorus.	Applicable WQS attained; reason for recovery unspecified.
11	02040105240040-01	Pond Run	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103010020-01	Primrose Brook	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	Station 01378780 fully attaining for total phosphorus.	Applicable WQS attained; original basis for listing was incorrect.
02	02020007030020-01	Quarryville Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	Fecal Coliform	Recreation	Fully Supporting	Station 01477120 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
18	02040202150030-01	Raccoon Ck SB	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
19	02040202020030-01	Rancocas Ck NB (incl Mirror Lk-GauntsBk)	Escherichia coli	Recreation	Fully Supporting	Station 01465950 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
19	02040202040030-01	Rancocas Ck NB (Rt 206 to Pemberton br)	Fecal Coliform	Recreation	Fully Supporting	Station 01467000 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
19	02040202040040-01	Rancocas Ck NB (Smithville to Rt 206)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
08	02030105040040-01	Raritan R SB (NB to Pleasant Run)	Fecal Coliform	Recreation	Fully Supporting	Station 01398102 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
10	02030105110070-01	Rock Brook (below Camp Meeting Ave)	Fecal Coliform	Recreation	Fully Supporting	Station 01401595 fully attaining for E.Coli. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
06	02030103030090-01	Rockaway R (BM 534 brdg to 74d 33m 30s)	Fecal Coliform	Recreation		Administrative. Double listing, removed wrong TMDL ID 10587	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
10	02030105100050-01	Rocky Brook (below Monmouth Co line)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103030010-01	Russia Brook (above Milton)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103030020-01	Russia Brook (below Milton)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
04	02030103140060-01	Saddle River (Lodi gage to Rt 4)	Fecal Coliform	Recreation		Administrative. Double listing for Escherichia coli and Fecal Coliform.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206030080-01	Salem Canal	Escherichia coli	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
17	02040206030060-01	Salem R (39-40-14 dam-CoursesLndg)/Canal	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
17	02040206030030-01	Salem R (CountyHomeRd to Woodstown gage)	Fecal Coliform	Recreation	Fully Supporting	Station BA72 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
17	02040206030010-01	Salem River (above Woodstown gage)	Fecal Coliform	Recreation	Fully Supporting	Stations 01482500, BA72, BA77, BA79 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
16	02040206210050-01	Savages Run (above East Creek Pond)	Fecal Coliform	Recreation	Fully Supporting	Station 01411441 fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
08	02030105030020-01	Second Neshanic River	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
16	02040206220020-01	Sluice Creek	Total Coliform	Shellfish	Insufficient Data	Administrative closure, TMDL calculated no pollutant (pathogens) reductions required.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
15	02040302050040-01	South River (below 39d26m15s)	Escherichia coli	Recreation		Administrative. Double listing, removed wrong TMDL ID 9897	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105040050-01	Sparta Junction tribs	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
10	02030105090090-01	Stony Bk- Princeton drainage	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
01	02040105030010-01	Swartswood trib(41-06-06 thru Lk Owassa)	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301080090-01	Toms R Lwr (below Rt 166)	Total Coliform	Shellfish		Administrative. AU replaced by BarnegatBay04-Toms R Estuary.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
13	02040301080090-01	Toms R Lwr (below Rt 166)	Enterococcus	Recreation		Administrative. AU replaced by BarnegatBay04-Toms R Estuary.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
01	02040105030030-01	Trout Brook	Fecal Coliform	Recreation	Insufficient Data	E. Coli or Entero is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
06	02030103020090-01	Troy Brook (below Reynolds Ave)	Phosphorus (Total)	Aquatic Life - General	Fully Supporting	Station 01445430 fully attaining for total phosphorus. No TMDL.	Applicable WQS attained; original basis for listing was incorrect.
02	02020007010080-01	Walkill R(Franklin Pond to Ogdensburg)	Fecal Coliform	Recreation		Administrative. Double listing, removed wrong TMDL ID 9877	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
02	02020007030030-01	Walkill River(Owens gage to 41d13m30s)	Fecal Coliform	Recreation		Administrative. Double listing, removed wrong TMDL ID 11101	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
02	02020007030030-01	Walkill River(Owens gage to 41d13m30s)	Arsenic	Water Supply		Administrative. Double listing, removed wrong TMDL ID 11101	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
02	02020007030030-01	Walkill River(Owens gage to 41d13m30s)	Arsenic	Water Supply		Administrative. Double listing, removed wrong TMDL ID 9876	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
02	02020007030040-0	Walkill River(stateline to Owens gage)	Arsenic	Water Supply		Administrative. Double listing, removed wrong TMDL ID 9876	Data and/or information lacking to determine WQ status; original basis for listing was incorrect

WMA	Assessment Unit Number	Assessment Unit Name	Parameter	Designated Use	New Assessment Result	Comment	Delisted Reason
12	02020007040050-01	Wawayanda Creek & tribs	Phosphorus (Total)	Aquatic Life - General	Not Supporting	Not covered by TMDL 12366 placed on 303(d) List	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
16	02040206210040-01	West Ck (below PaperMillRd) to MooresBch	Total Coliform	Shellfish	Insufficient Data	Administrative closure, TMDL calculated no pollutant (pathogens) reductions required.	Data and/or information lacking to determine WQ status; original basis for listing was incorrect
02	02020007020020-01	Wykertown tribs (Papakating Creek)	Fecal Coliform	Recreation	Fully Supporting	Station Walkkill S fully attaining for E.Coli.	Applicable WQS attained; reason for recovery unspecified.
01	02040105050040-01	Yards Creek	Fecal Coliform	Recreation	Insufficient Data	E. Coli is either Insufficient Data or no data, a review in 2014 placed AU without data and not included in a TMDL on Sublist 3 (Insufficient Data).	Data and/or information lacking to determine WQ status; original basis for listing was incorrect



Appendix D:  
2014 Final Decisions to Not List Causes on the 2014 303(d) List

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
12	02030104920010-01	Atl Coast(Sandy H to Navesink R)	02030104920010-01	Atl Coast(Sandy H to Navesink R)	Shellfish	3	All administrative closures		
15	02040302920020-01	Atl Coast(Ventnor to Great Egg)	02040302920020-01	Atl Coast(Ventnor to Great Egg)	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
13	BarnegatBay07	Barnegat Bay Central Bottom	BarnegatBay07	Barnegat Bay Central Bottom	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
13	BarnegatBay07	Barnegat Bay Central Bottom	BB09	Barnegat Bay below Barnegat Inlet and close to Long Beach	Turbidity	1	Extremely low exceedance frequency and July and August 2012 intensive sampling shows the 30 day average is below 10 NTU.	106	2
13	BarnegatBay06	Barnegat Bay Central East	BB08	Barnegat Bay by Barnegat Inlet	DO	1	24 hr average above 5 mg/l during all 4 days of both intensive sampling events during summer time period	91	2
13	BarnegatBay06	Barnegat Bay Central East	BarnegatBay06	Barnegat Bay Central East	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
13	BarnegatBay05	Barnegat Bay Central West	BarnegatBay05	Barnegat Bay Central West	Shellfish	1	Water Quality full attain, restrictions administrative closures		
13	BarnegatBay05	Barnegat Bay Central West	BB07a	Barnegat Bay below Oyster Creek and above Barnegat Inlet	Turbidity	1	Very low exceedance frequency and 30 day average for May-Sept 2012 all below 10 NTU, bouy data fully attaining.	102	2
13	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	02040301100020-01	Barnegat Cntrl tribs (CedarCk - Forked R)	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
13	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	02040301050040-01	Barnegat North tribs (Tide Ck to Rt 37)	Shellfish	3	All Administrative closures		
13	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	02040301120020-01	Barnegat South tribs (below Lochiel Ck)	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
14	02040301200060-01	Bass River (below WB / EB)	R24	Bass R-Tidal	DO	1	Station R24 has 1 of 23 samples exceed the criteria (3 of 46 over 10 yrs), R25 has 1 of 25 samples exceed; Do not list as more evidence is required; 2 out of 6 summer samples at R24 and 1 of 6 at R25 are exceeding the criteria; station next to a marina; need confirmatory diurnal data.	23	1
12	02030104070030-01	Big Brook	01407320	Big Brook at Cross Rd in Colts Neck	TSS	1	Only 1 exceedance, MCHD-57 also had 1 exceedance, exceedances on consecutive days, 01407280 in HUC is full attain, do not list	21	1
17	02040206140050-01	Blackwater Branch (below Pine Branch)	AN0739	Blackwater Br at Maurice R Pkwy in Vineland	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
14	02040301160100-01	Blue Anchor Brook	0140940950	Blue Anchor Bk at Elm	TP	1	2 of 20 samples exceed the criteria with only 2 of 42 samples exceeding in the last 10 years, low exceedance frequency.	20	2
19	02040202050020-01	Burrs Mill Bk (Burnt Br Br- 39-51-30 rd)	01465808	Burrs Mill Bk on Sooy Place/Hedgerhouse Rd in Woodland Twp	pH	1	Located in PL waters with 3 samples with pH data slightly lower than Pinelands criteria. Minimum development, over 90% forested, these are not exceedances.	14	0
17	02040206060030-01	Cedar Brook / Carlisle Run	AN0701	UNT to Alloway Ck at Alloway-Aldine Rd in Alloway	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
13	02040301090060-01	Cedar Creek (below GS Parkway)	BT06	Cedar Creek at Lanoka Harbor	pH	1	Impacted by Pinelands, pH low (see Appendix D)	19	2
13	02040301090060-01	Cedar Creek (below GS Parkway)	BT06a	Cedar Creek at Lanoka Harbor	pH	1	Impacted by Pinelands, pH low (see Appendix D)	28	28
12	02030104060040-01	Chingarora Creek to Thorns Creek	MCHD-36	Chingarora Creek at Broadway in Union Beach	pH	1	Low exceedances, SJ like waters	9	2
17	02040206090100-01	Cohansey R (below Greenwich)	R48	Cohansey R-Tidal	DO	1	One of the two excursions are estimated, do not list since there is less than 2 confirmed exceedances of the criteria.	17	2

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
15	02040302040050-01	Collings Lakes trib (Hospitality Branch)	AN0632	Marsh Lake Br (Collings Br) at Blue Anchor Rd in Buena Vista	AMNET	3	Directly below impoundment - biological index does not apply to this condition. AN0631 located upstream of lakes in AU is rated as fully attaining.		
16	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	02040206230060-01	Cox Hall Creek / Mickels Run (to Villas)	Shellfish	3	Administrative closure, not under TMDL		
15	02040302040120-01	Deep Run (GEHR)	Pancoast Mill Pond	Pancoast Mill Pond	TP	3	Pancoast Mill Pond has 2 TP exceedances out of 3 samples from 2008. Station 01411140 located downstream near the confluence with the Great Egg Harbor River has shown in the last 10 yrs (30 samples) no exceedances of the criteria. Require more data at Pancoast Mill Pond before listing AU as impaired for TP. Discharger upstream discharging @ 0.	3	2
16	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	02040206220010-01	Dennis Ck / Cedar Swamp (Rt 47 to Rt 550)	Shellfish	3	Administrative closure, no TMDL reductions		
16	02040206230030-01	Dias Creek	02040206230030-01	Dias Creek	Shellfish	3	Administrative closure, not under TMDL		
20	02040201060030-01	Doctors Creek (below Allentown)	01464515	Doctors Ck at Allentown	DO	1	Not changed in 2014, Less than the target dataset of 20 samples, Need to look at station closely when target region is Lower Delaware or more samples collected, No DO issues upstream or downstream.	19	2
16	02040206230050-01	Fishing Creek / Fishing Mill Stream	02040206230050-01	Fishing Creek / Fishing Mill Stream	Shellfish	3	Administrative closure, not under TMDL		
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	BT09	Forked River SB	pH	1	Impacted by Pinelands, pH low (see Appendix D)	49	16
13	02040301110030-01	Forked River (below NB incl Mid/South Br)	BT08	Middle Branch Forked River	pH	1	Impacted by Pinelands, pH low (see Appendix D)	41	38
13	02040301110020-01	Forked River NB (below old RR grade)	BT07	Forked River NB at Forked River	pH	1	Impacted by Pinelands, pH low (see Appendix D)	49	21

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
15	02040302030030-01	Four Mile Branch (GEHR)	Crystal Spring Lake	Crystal Spring Lake	TP	3	Crystal Spring Lake is deminimus, located on a small tributary in the headwaters. Station 01410810 is representative of the AU on the mainstem located downstream near the tributary with the Great Egg Harbor River showing all 9 samples fully attaining with the highest value being only 0.025 mg/l. Both stations data taken in same time frame: lake (2006), 01410810 (2004-2006)	3	3
17	02040206030050-01	Game Creek (above Rt 48)	AN0696	Game Ck at Rt 48 in Carneys Point	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
14	02040301210050-01	Great Bay tribs	02040301210050-01	Great Bay tribs	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
05	02030103180090-01	Hackensack R (Amtrak bridge to Rt 3)	NJHDG-14	Hackensack River below Rt 3	Temperature	1	Extremely low exceedance frequency with only 2 of 114 samples exceeding the criteria.	114	2
15	02040302040070-01	Hospitality Br (below Piney Hollow Rd)	01411071	Hospitality Br on RR track near Rt 54 in Folsom	TP	1	At station 01411071, only 2 out of 32 samples are exceeding the criteria in last 10 years. The 2 excursions seem to be typos since they are a magnitude higher than all of the other data and occurred in the same year 2009. Need to confirm the data entry. In addition, Cains Mill Lake in AU shows full attainment for TP.	32	2
05	02030101170030-01	Hudson River (lower)	NJHDG-31	Hudson River	DO	1	Very low exceedance frequency, only 2 exceedances of 84 samples.	84	3
05	02030101170030-01	Hudson River (lower)	NJHDG-32	Hudson River	DO	1	Only 1 event since both exceedances occurred on the same day.	84	2
17	02040206130030-01	Indian Branch (Scotland Run)	01411466	Indian Br near Malaga	pH	1	Influenced by Pinelands, all data below 5.5, heavily forested, no pt sources (see Appendix D)	20	10
13	02040301050020-01	Kettle Creek (below Lake Riviera outlet)	01408175	Kettle Ck on Rt 549 (Brick Blvd) in Brick	Mercury	1	One of the two excursions are estimated, do not list since there is less than 2 confirmed exceedances of the criteria.	8	2

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
08	02030105050040-01	Lamington R (Pottersville gage-FurnaceRd)	01399320	Lamington R at Rt 24 in Milltown	TP	1	One excursion during drought and one excursion within the analytical precision.	14	2
13	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	02040301140040-01	LEH Bay tribs (Westecunk Ck-Tuckerton Ck)	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
13	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	02040301140050-01	LEH Bay tribs (Willis Creek to LE Inlet)	Shellfish	1	Water Quality sampling shows fully supporting, restrictions are administrative closures		
03	02030103110010-01	Lincoln Park tribs (Pompton River)	01388720	Beaver Dam Bk at Ryerson Rd	TP	1	Low exceedance frequency with only 2 of 42 samples exceeding in the last 10 years.	20	2
14	02040301210030-01	Little Bay & tribs	2100A	Great Bay	DO	1	2 of 16 samples exceed the criteria, other sites in HUC meet 2108A,2106A,2102B,2101A, do not list yet, get more data.	16	2
13	BarnegatBay09	Lower Little Egg Harbor Bay	BB14	Little Egg Harbor Inlet near Beach Haven Heights	Turbidity	1	Very low exceedance frequency. In addition, July and August 2012 intensive sampling show 30 day average is below 10 NTU, and buoy data shows the 30 day average is below 10 NTU all the time.	120	4
13	BarnegatBay08	Manahawkan Bay and Upper Little Egg Harbor	1718B	Manahawkin Bay	DO	1	Recent intensive data for BB study at BB11 and BB11a nearby shows no exceedances out of 91 samples. In addition, other stations in AU are fully attaining: BB10, 1719E,1700A, 1703C,1704,1707C,1721,1712,1703,1683C,1675.	19	2
12	02030104100010-01	Manasquan R (above 74d17m50s road)	AN0485	Manasquan R at off Turkey Swamp Rd in Freehold	AMNET	3	Located in the extreme headwaters of a small tributary, naturally low production system, no anthropogenic sources.		
18	02040202130020-01	Mantua Creek (road to Sewell to Rt 47)	AN0669	Mantua Ck at Lambs Rd in Mantua	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
14	02040301200110-01	Mattix Run (Nacote Creek)	01410230	Mattix Run on Old Port Republic Rd in Galloway Twp	pH	1	Impacted by Pinelands, pH low (see Appendix D)	15	7

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
17	02040206140010-01	Maurice River (BlkwtrBr to/incl WillowGroveLk)	AN0733	Maurice R (Scotland Run) at Willow Grove Rd in Vineland	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
19	02040202030070-01	McDonalds Branch	01466500	McDonalds Br in Lebanon State Forest	DO	1	Located in a State Park with no anthropogenic sources. Water here is spring-fed resulting in naturally low DO.	25	10
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	BTMUA INTAKE	Metedeconk R at BTMUA Intake	pH	1	Influenced by Pinelands, pH low, Frequency of exceedance and magnitude does not justify as non attaining	1205	22
13	02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	BTMUA INTAKE	Metedeconk R at BTMUA Intake	Turbidity	1	Extremely low exceedance frequency with only 2 of 1346 samples exceeding the criteria.	1346	2
13	02040301020010-01	Metedeconk R NB (above I-195)	NK	Metedeconk R NB at Farmingdale Rd in Howell	pH	1	Influenced by Pineland-like conditions, pH low, Frequency of exceedance and magnitude does not justify as non attaining	120	2
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	NA	Metedeconk R NB at Rt 88 in Lakewood	Mercury	1	Very low exceedance frequency with 6 of 342 samples exceeding the criteria since 2008. No exceedances upstream or downstream.	350	6
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	01408123	Metedeconk R N Br on Rt 88 in Lakewood Twp	pH	1	Influenced by Pineland-like conditions, pH low, Frequency of exceedance and magnitude does not justify as non attaining	1298	5
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	ND	Metedeconk R NB at Brook Rd in Howell	pH	1	Influenced by Pineland-like conditions, pH low, Frequency of exceedance and magnitude does not justify as non attaining	124	2
13	02040301020050-01	Metedeconk R NB (confluence to Rt 9)	01408120	Metedeconk River NB near Lakewood	pH	1	Influenced by Pineland-like conditions, pH low, Frequency of exceedance and magnitude does not justify as non attaining	84	2
13	02040301020020-01	Metedeconk R NB (Rt 9 to I-195)	01408100	Metedeconk R N Br at Lakewood	Temperature	1	One exceedance within precision level of method and diurnal data in 2010 shows fully supporting.	33	2
13	02040301030050-01	Metedeconk R SB (confluence to Rt 9)	01408152	Metedeconk R S Br on Chambers Bridge Rd in Brick Twp	pH	1	Influenced by Pineland-like conditions, pH low, Frequency of exceedance and magnitude does not justify as non attaining	885	6

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	01408136	Metedeconk R S Br on Bennetts Mill Rd in Bennetts Mill	DO	1	Extremely low exceedance frequency with only 2 of 124 exceeding the criteria.	124	2
13	02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	SF	Metedeconk R S Br at Watering Place Bk at Sunset Rd in Lakewood	Turbidity	1	Low exceedance frequency, localized and only occurs during storms with 1+ inches of rain(12/1/2010, 12/7/2011, 5/9/2012). Station SE downstream showed full attainment with 141 samples. Plan to conduct more sampling at this location during stormflow.	86	3
13	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	02040301050030-01	Metedekunk Neck tribs (below Heron Is)	Shellfish	3	All Administrative closures		
13	02040301140020-01	Mill Branch (below GS Parkway)	01409305	Mill Br on Nugentown Rd in Nugentown	pH	1	Impacted by Pinelands, pH low (see Appendix D)	19	6
13	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	02040301130030-01	Mill Ck (below GS Parkway)/Manahawkin Ck	Shellfish	3	All Administrative closures		
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	MCHD-23	Mingomohone Bk at Belmar Blvd in Farmingdale	DO	1	Low exceedance frequency with only 2 of 40 samples exceeding the criteria.	40	2
12	02030104100070-01	Mingamahone Brook (below Asbury Rd)	MCHD-23	Mingomohone Bk at Belmar Blvd in Farmingdale	TSS	1	Only 1 of 29 samples exceed the criteria since 2003. At R60 only 1 of 12 samples exceed with newer data, low exceedance frequency.	36	3
17	02040206150010-01	Muddy Run (above/incl Elmer Lake)	AN0742	Muddy Run at Dutch Row Rd in Elmer	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
17	02040206150020-01	Muddy Run (incl Palatine Lk to Elmer Lk)	AN0745	Muddy Run at blw Palatine Lk in Pittsgrove	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
17	02040206150060-01	Muddy Run (Landis Ave to Parvin Lake)	AN0748	Muddy Run at Parvins Mill Rd in Pittsgrove	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
14	02040301160140-01	Mullica River (39d40m30s to Rt 206)	0140940050	Mullica R near Batsto	Mercury	1	One of the two excursions are estimated, do not list since there is less than 2 confirmed exceedances of the criteria.	5	2
14	02040301200120-01	Nacote Creek (below/incl Mill Pond)	R30	Nacote Ck-Tidal	DO	1	R31 upstream(19of19) and 2005 downstream(17of17) fully meet DO, no anthropogenic sources between sites.	14	2

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
18	02040202160050-01	Oldmans Creek (Center Sq Rd to KingsHwy)	AN0688	Oldmans Ck at Kings Hwy in Woolwich	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
13	02040301110050-01	Oyster Creek (below Rt 532)	BT10	Oyster Creek	pH	1	Impacted by Pinelands, pH low (see Appendix D)	49	17
04	02030103120080-01	Passaic R Lwr (Dundee Dam to F.L. Ave)	NJHDG-4	Passaic River at Market St	TSS	1	Very low exceedance frequency, and 1 of 2 excursions within the precision of the method.	114	2
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	NJHDG-1	Passaic River at Totowa Rd	pH	1	2 of 68 exceed, both within precision, low exceedance	68	2
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	01389500	Passaic R at Little Falls	TSS	1	One of the two excursions are estimated, do not list since there is less than 2 confirmed exceedances of the criteria.	20	2
04	02030103120110-01	Passaic R Lwr (Goeffle Bk to Pump stn)	NJHDG-1	Passaic River at Totowa Rd	TSS	1	Very low frequency with only 2 of 76 samples exceeding the criteria.	76	2
04	02030103120090-01	Passaic R Lwr (Saddle R to Dundee Dam)	NJHDG-5	Passaic River at Dundee Dam	TSS	1	Extremely low exceedance frequency with only 2 of 110 samples exceeding the criteria.	110	2
04	02030103150030-01	Passaic R Lwr (Second R to Saddle R)	NJHDG-8	Passaic River at Rutgers St	pH	1	2 of 83 exceed, low frequency, do not list	83	2
01	02040105050010-01	Paulins Kill (Blairstown to Stillwater)	01443500	Paulins Kill at Blairstown	E. Coli	1	Only 1 high exceedance skewed the geomean; 4 years data in 2008,09,10,12 show no other high values		
18	02040202150020-01	Raccoon Ck (Rt 45 to/incl Clems Run)	AN0680	Raccoon Ck at N Main St in Harrison	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
18	02040202150040-01	Raccoon Ck (Russell Mill Rd to Rt 45)	01477120	Raccoon Ck near Swedesboro	pH	1	3 of 26 exceed SJ criteria, 2 within precision, Diurnal data also full attain 2009-2010	26	3
17	02040206070070-01	Raccoon Ditch (Stow Creek)	AN0708	Raccoon Ditch at Davis Mill Rd in Greenwich	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
17	02040206070070-01	Raccoon Ditch (Stow Creek)	02040206070070-01	Raccoon Ditch (Stow Creek)	Shellfish	3	Administrative closure, not under TMDL		
07	02030104050100-01	Rahway River (below Robinsons Branch)	NJHDG-22	Rahway River at Lawrence St in Rahway	DO	1	Since 2006 data shows improvement with only 1 exceedance in the last 5 yrs	63	1
07	02030104050100-01	Rahway River (below Robinsons Branch)	NJHDG-22	Rahway River at Lawrence St in Rahway	pH	1	One of two exceedance within precision	65	2



WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
12	02030104910030-01	Raritan Bay ( deep water)	NJHDG-29	Raritan Bay	DO	1	Very low exceedance frequency with only 3 of 80 samples exceeding the criteria.	80	3
12	02030104910030-01	Raritan Bay ( deep water)	NJHDG-29	Raritan Bay	pH	1	2 of 75 exceed, very low exceedance rate	63	2
09	02030105160100-01	Raritan R Lwr (below Lawrence Bk)	NJHDG-27	Raritan River	DO	1	Very low exceedance frequency with 4 exceedances of 89 samples, stations upstream and in Raritan Bay fully attaining for DO, located next to tidal wetlands that could be impacting the DO.	89	4
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	01403300	Raritan R at Queens Bridge	pH	1	Data set shows attainment, 1 of 123 exceeds	123	1
09	02030105120140-01	Raritan R Lwr (I-287 Piscatway-Millstone)	01403300	Raritan R at Queens Bridge	Turbidity	1	Low exceedance frequency, and one of the exceedances is suspect on 1/31/2013 with a value of 221 mg/l. Will investigate further in 2016 when the Raritan watershed is the primary region.	22	2
09	02030105120170-01	Raritan R Lwr (Lawrence Bk to Mile Run)	NJHDG-26	Raritan River	DO	1	Very low exceedance frequency with 2 exceedances of 89 samples, stations upstream and Raritan Bay fully attaining for DO, tidal wetlands downstream could be impacting the DO.	89	2
08	02030105010070-01	Raritan R SB (StoneMill gage to Califon)	01396350	Raritan R S Br at Raritan R Rd in Califon	TP	1	2 exceedances in 2009, exceedances much higher than other data, need to investigate if these are typos. Upstream is fully attaining for TP, will not list in 2014, will investigate further in 2016 when the Raritan watershed is the primary region.	14	2
17	02040206120040-01	Reed Branch (Still Run)	AN0731	Reed Br at Royal Ave in Franklin	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
04	02030103140040-01	Saddle River (above Ridgewood gage)	01390500	Saddle R at Ridgewood	TP	1	Data collected at 01390510 and 01390518. Two most recent excursions at 01390510 are within the precision of method. Stations upstream are fully attaining for TP. Did not list in 2014, will investigate further in 2016.	27	4

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
04	02030103140070-01	Saddle River (below Lodi gage)	NJHDG-6	Saddle River near Lodi	pH	1	2 low exceedances during winter 2011, not enough to list yet	78	2
17	02040206030040-01	Salem R (CoursesLanding to CountyHomeRd)	01482530	Major Run at Sharptown	pH	1	Recent data in 08-09 and diurnal results in JUL 09 show Full Attainment although very close to non attaining	16	2
17	02040206130040-01	Scotland Run (below Delsea Drive)	AN0725	Scotland Run at Rt 40 in Franklin	AMNET	3	Directly below impoundment - biological index does not apply to this condition		
04	02030103150020-01	Second River	NJHDG-9	Second River	TSS	1	Extremely low exceedance frequency. One excursion is within the precision of the method. The other excursion is suspect as a typo(227 mg/l on 7/14/2010)	112	2
17	02040206070080-01	Stow Creek (below Canton Rd)	02040206070080-01	Stow Creek (below Canton Rd)	Shellfish	3	Administrative closure, not under TMDL		
17	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	02040206070060-01	Stow Creek (Canton Road to Jericho Road)	Shellfish	3	Administrative closure, not under TMDL		
13	02040301080090-01	Toms R Estuary	BB04a	Barneгат Bay at the mouth of the Toms River	Turbidity	1	Extremely low exceedance frequency with only 2 of 104 samples exceeding.	104	2
13	02040301060020-01	Toms River (74-22-30 rd to FrancisMills)	01408260	Toms R on Rt 528 in Cassville	TP	1	Only 1 exceedance in last 5 years and 2 of 39 samples exceed in last 10 years. Low exceedance frequency.	20	1
15	02040302070020-01	Tuckahoe River (39d19m52s to Cumberland Ave)	AN0648	Tuckahoe R at Cumberland Ave in Estell Manor	AMNET	3	Located between 2 lakes - biological index does not apply to this condition		
02	02020007010010-01	Wallkill R / Lake Mohawk(above Sparta Sta)	01367625	Wallkill R at Sparta	TP	1	In last 10 years only 3 of 47 exceed the criteria, very low exceedance frequency. In addition, data from Lake Mohawk upstream shows full attainment for TP.	20	3
13	02040301120010-01	Waretown Creek / Lochiel Creek	01409108	Waretown Ck on Rt 9 in Waretown	pH	1	Impacted by Pinelands, pH low (see Appendix D)	19	19
13	02040301120010-01	Waretown Creek / Lochiel Creek	02040301120010-01	Waretown Creek / Lochiel Creek	Shellfish	3	All Administrative closures		

WMA	Assessment Unit	Assessment Unit Name	Station Number	Station Name	Parameter	Sublist	Explanation	Total Samples	Total Exceedances
13	02040301090010-01	Webbs Mill Branch	AN0545	Webbs Mill Br at Rt 539 in Lacey	AMNET	3	No anthropogenic sources in the watershed that could be impacting the AMNET station. Totally forested pineland watershed. Sampling station is located in wetlands which is skewing the index score.		
13	02040301130060-01	Westecunk Creek (below GS Parkway)	BT12	Westecunk Ck at Railroad Avenue at West Creek	pH	1	Impacted by Pinelands, pH low (see Appendix D)	49	13
13	02040301080050-01	Wrangel Brook (below Michaels Branch)	BT04	Wrangle Brook near Toms River NJ	pH	1	Impacted by Pinelands, pH low (see Appendix D)	44	15
01	02040105050040-01	Yards Creek	01443890	Yards Ck at Mt Vernon Rd	Temperature	3	Unsuitable location because directly below outlet of lake that is non trout. Does not represent AU only lake, will locate the station further downstream.	16	5

**Appendix D: 2014 Final Justification for  
pH Not Listed Due to Natural Conditions**

*May 2017*

1. Indian Branch (Scotland Run)
2. Wrangel Brook (below Michaels Branch)
3. Cedar Creek (below GS Parkway)
4. Forked River NB (below old RR grade)
5. Forked River (below NB incl Mid/South Br)
6. Oyster Creek (below Rt 532)
7. Waretown Ck on Rt 9 in Waretown
8. Westecunk Creek (below GS Parkway)
9. Mill Branch (below GS Parkway)
10. Mattix Run (Nacote Creek)

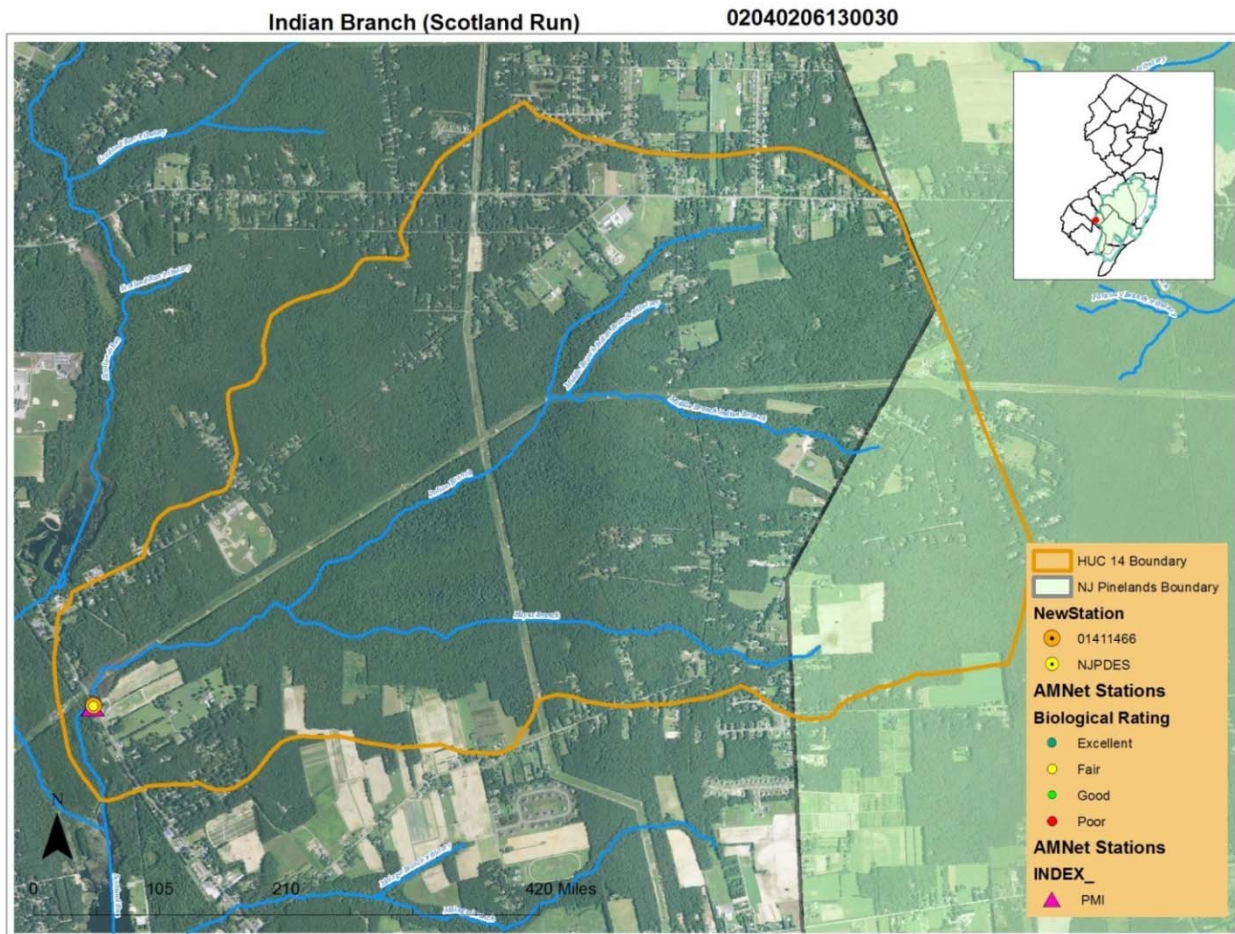
### 1. Indian Branch (Scotland Run)

**Assessment Unit Information:**

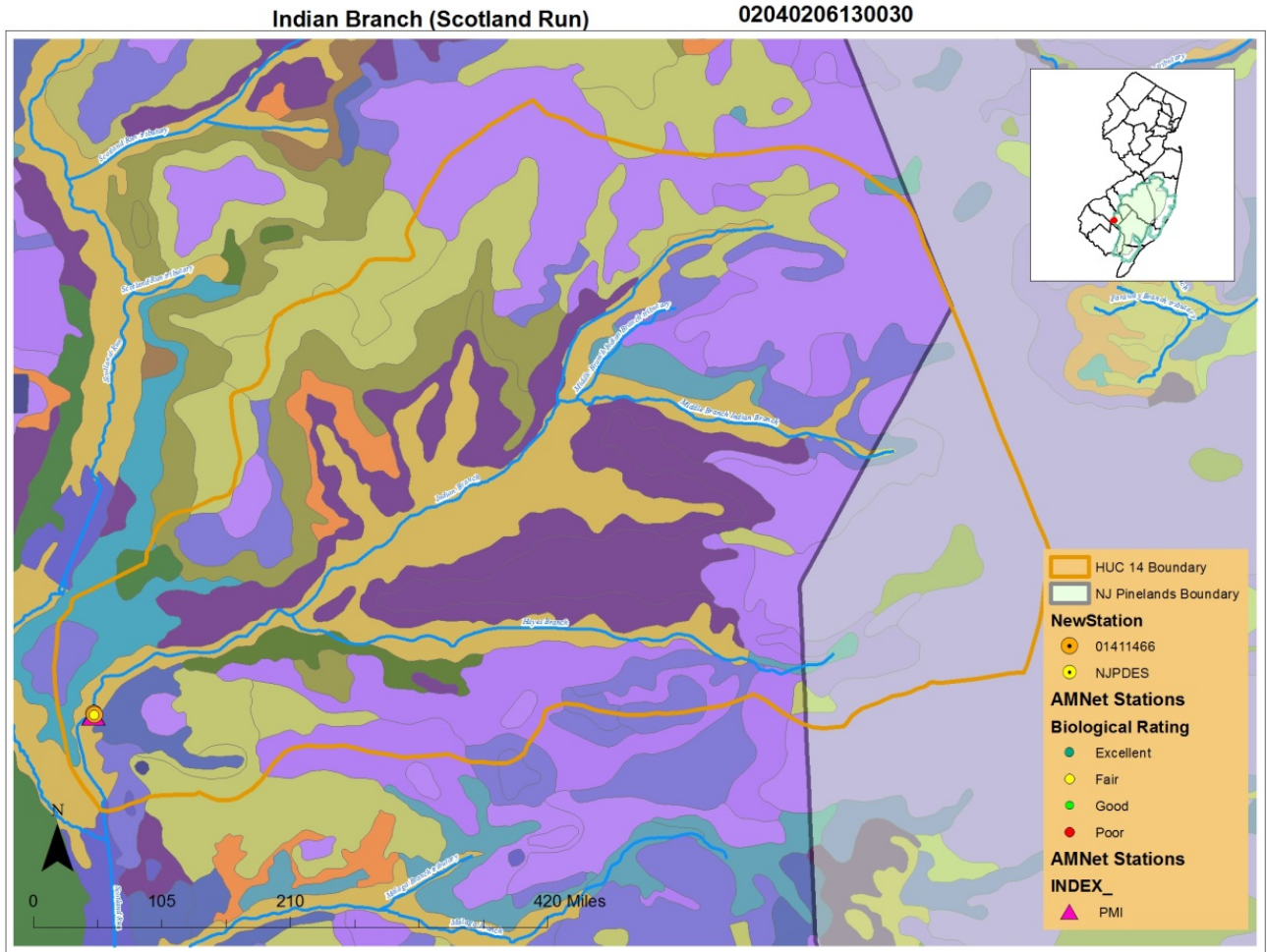
AU Number	AU Name	WMA	Station	Station Name
02040206130030-01	Indian Branch (Scotland Run)	17	01411466	Indian Br near Malaga
02040206130030-01	Indian Branch (Scotland Run)	17	AN0724	Indian Br

**Geographic Information:** A portion of the assessment unit (AU) is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. AMNET station AN0724 is located within the AU boundary. PMI has been identified as the appropriate index at this AMNET site and data show no biological impairment.

**Point Sources:** There are no NJPDES point source discharges within the AU.

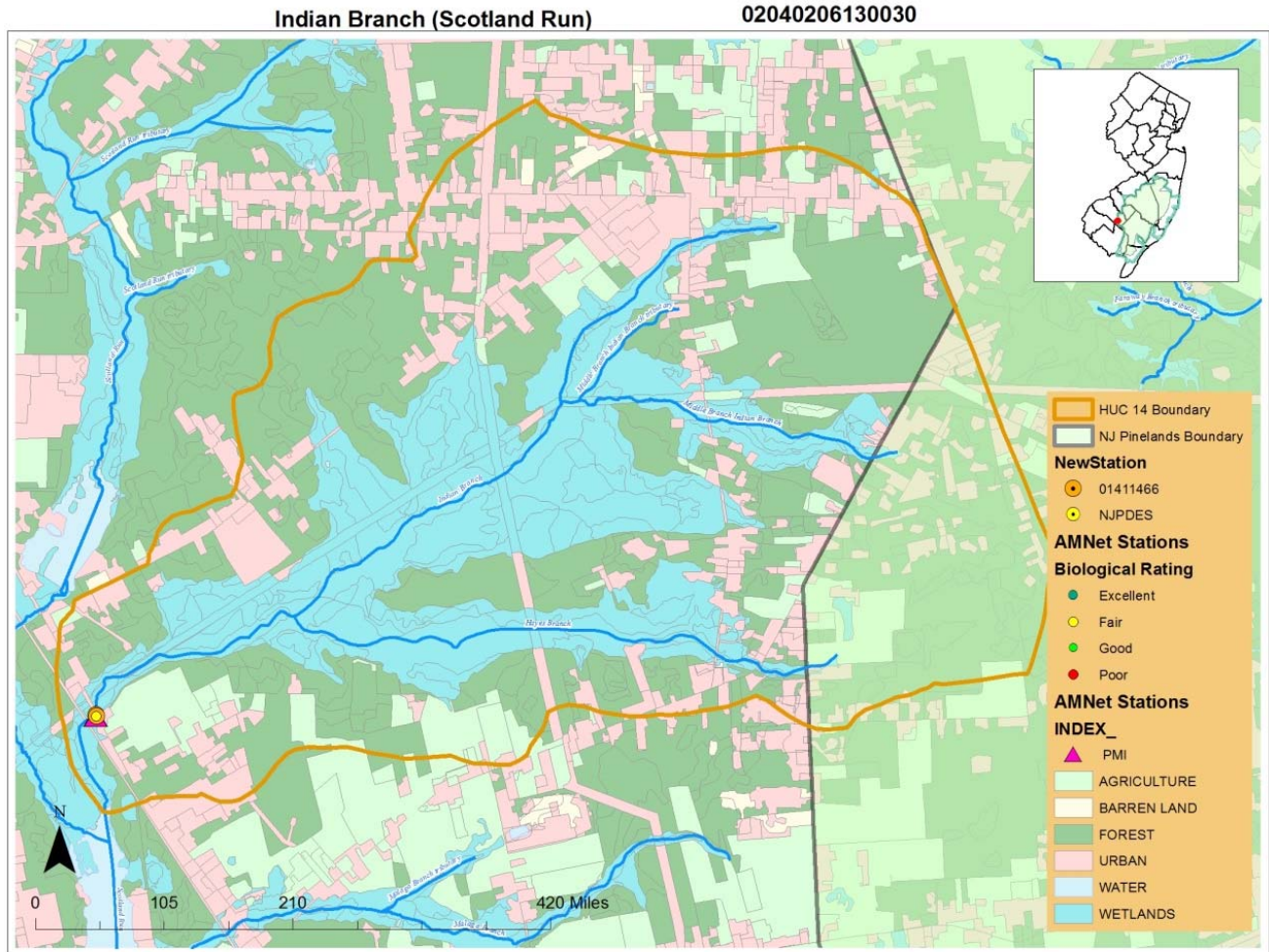


**Soils:** Soil types found at the station locations are similar to those found throughout the Pinelands.





**Land Uses:**



**Water Quality Data:** All pH data at Station 01411466 fall within the Pinelands criteria range for pH.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
01411466	3/5/2003	FW2-NT	3.3
01411466	5/13/2003	FW2-NT	3.7
01411466	8/12/2003	FW2-NT	4.1
01411466	11/24/2003	FW2-NT	4.1
01411466	2/9/2004	FW2-NT	3.9
01411466	5/19/2004	FW2-NT	4
01411466	9/9/2004	FW2-NT	4.2
01411466	11/15/2004	FW2-NT	3.7
01411466	2/2/2005	FW2-NT	4.2
01411466	6/2/2005	FW2-NT	4.5
01411466	8/18/2005	FW2-NT	5.5
01411466	12/5/2005	FW2-NT	4.1
01411466	2/21/2006	FW2-NT	3.4
01411466	5/25/2006	FW2-NT	3.8
01411466	8/16/2006	FW2-NT	4.9
01411466	11/30/2006	FW2-NT	4.1
01411466	2/22/2007	FW2-NT	4.1
01411466	8/29/2007	FW2-NT	4.8
01411466	11/28/2007	FW2-NT	4.7
01411466	2/25/2008	FW2-NT	4.1
01411466	5/22/2008	FW2-NT	4.2
01411466	8/20/2008	FW2-NT	5.5
01411466	12/2/2008	FW2-NT	4.0
01411466	3/10/2009	FW2-NT	4.1
01411466	5/6/2009	FW2-NT	4.2
01411466	8/13/2009	FW2-NT	4.2
01411466	11/19/2009	FW2-NT	4.2
01411466	2/18/2010	FW2-NT	3.8
01411466	6/1/2010	FW2-NT	4.8
01411466	8/25/2010	FW2-NT	5.7
01411466	11/22/2010	FW2-NT	4.9



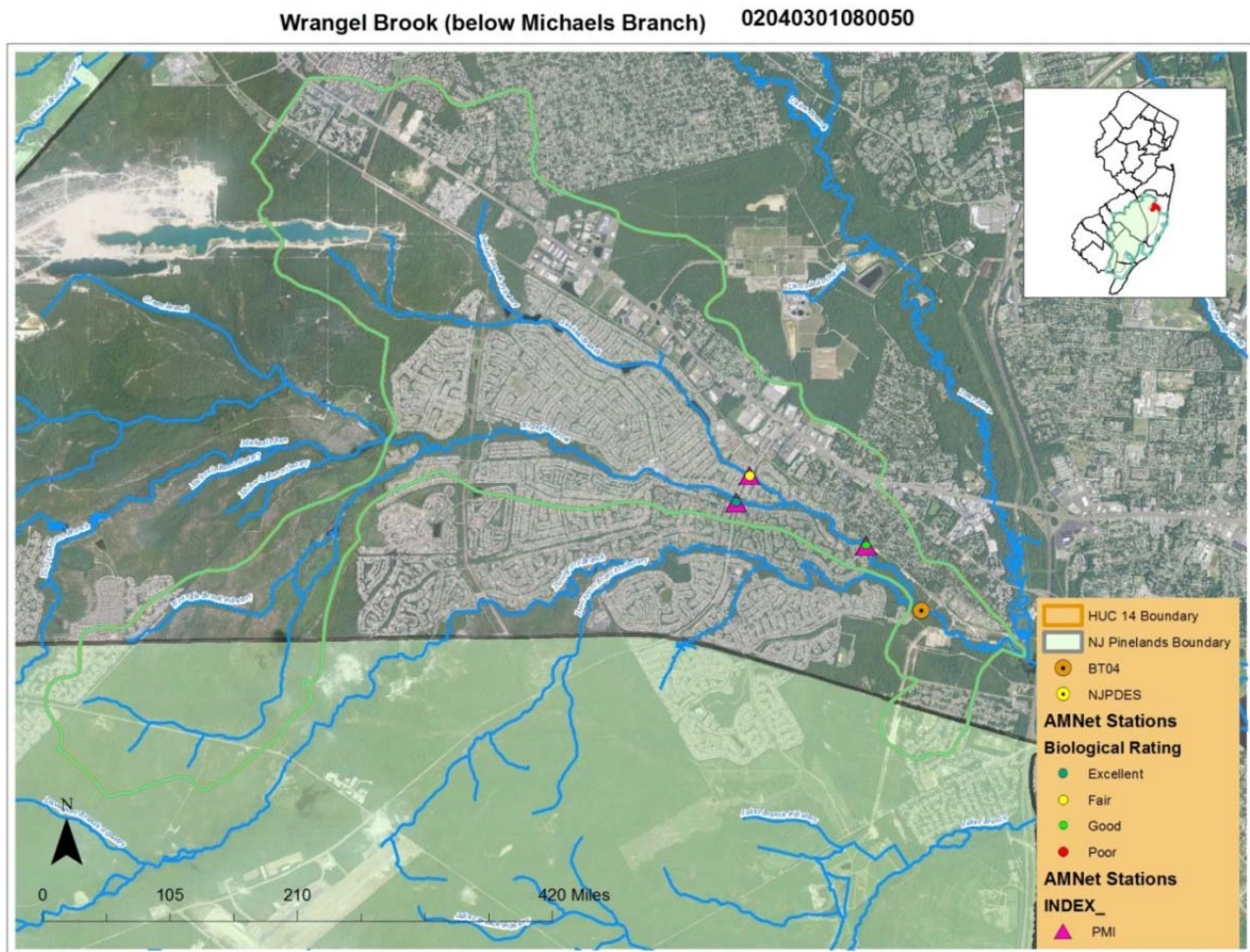
01411466	2/3/2011	FW2-NT	4.8
01411466	5/25/2011	FW2-NT	4.4
01411466	8/23/2011	FW2-NT	4.2
01411466	11/15/2011	FW2-NT	4.8
01411466	2/23/2012	FW2-NT	4.7
01411466	6/13/2012	FW2-NT	5.2
01411466	8/22/2012	FW2-NT	5.5
01411466	12/4/2012	FW2-NT	4.9
01411466	2/11/2013	FW2-NT	4.4
01411466	5/28/2013	FW2-NT	5.0

## 2. Wrangel Brook (below Michaels Branch)

### Assessment Unit Information:

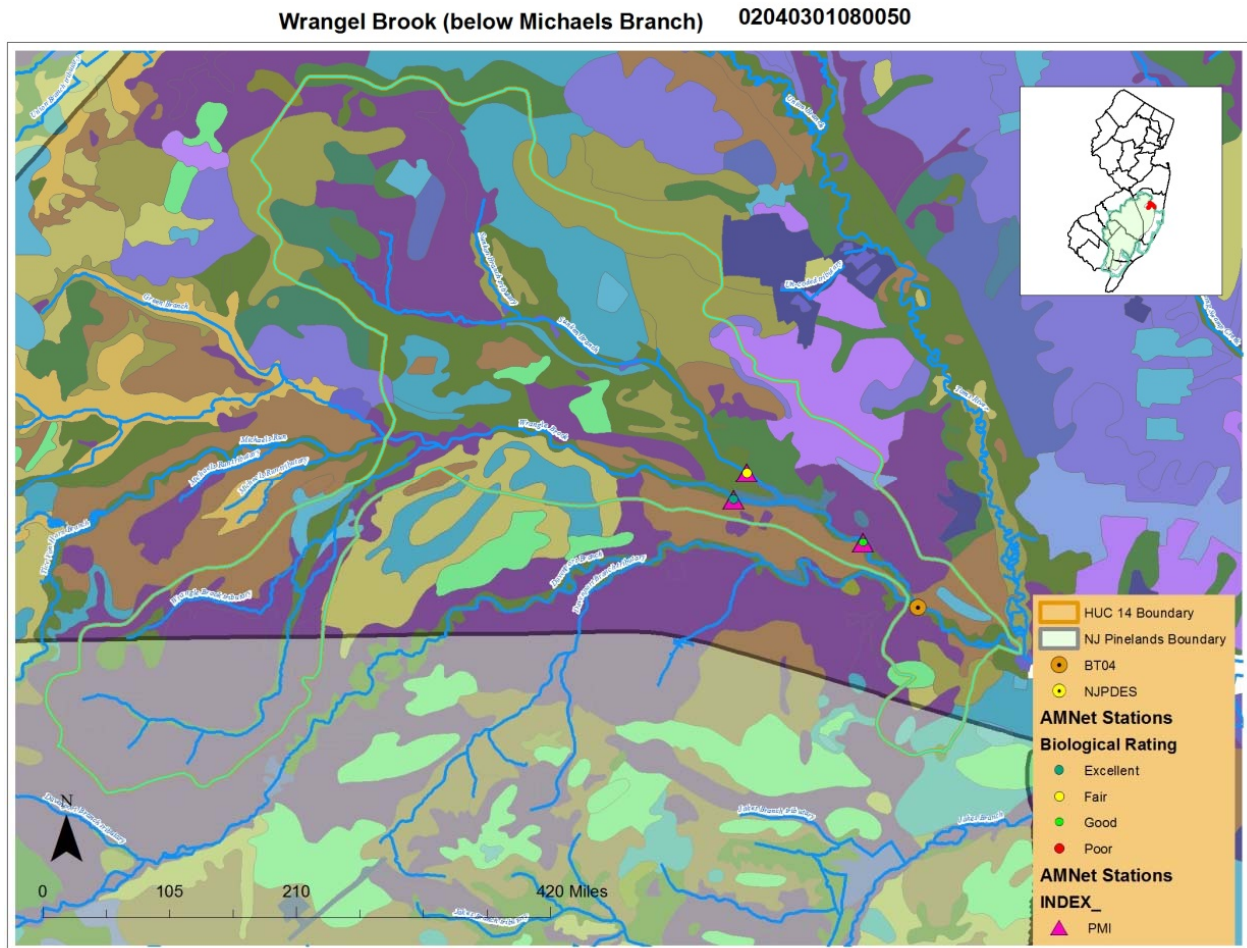
AU Number	AU Name	WMA	Station	Station Name
02040301080050-01	Wrangel Brook (below Michaels Branch)	13	BT04	Wrangle Brook near Toms River NJ
02040301080050-01	Wrangel Brook (below Michaels Branch)	13	AN0537	Wrangle Bk

**Geographic Information:** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. There are three AMNET stations located within the AU: AN0537, AN0538 and AN0539. PMI has been identified as the appropriate index at these AMNET sites and data for all three stations show no biological impairment.



**Point Sources:** There are no NJPDES point source discharges within the AU.

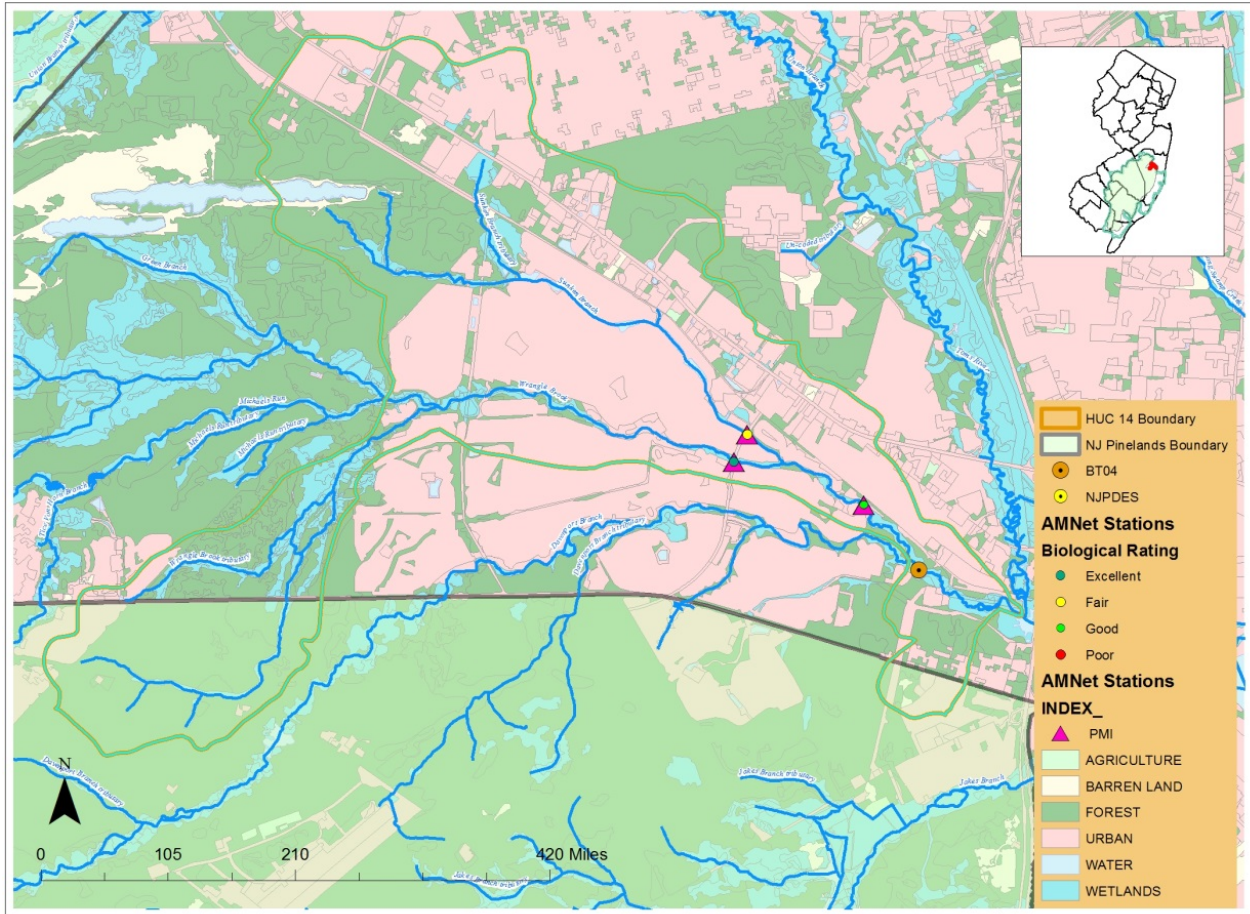
**Soils:** Soil types found at the station locations are similar to those found throughout the Pinelands region.





**Land Uses:**

**Wrangel Brook (below Michaels Branch) 02040301080050**



**Station Data:** All pH data at Station BT04 fall within the Pinelands criteria range for pH.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
BT04	23-Jun-11	FW2-NT	5.26
BT04	05-Jul-11	FW2-NT	4.16
BT04	21-Jul-11	FW2-NT	4.78
BT04	08-Aug-11	FW2-NT	4.6
BT04	25-Aug-11	FW2-NT	4.5
BT04	15-Sep-11	FW2-NT	4.1
BT04	26-Sep-11	FW2-NT	3.86
BT04	12-Dec-11	FW2-NT	4.36
BT04	10-Jan-12	FW2-NT	4.41
BT04	26-Jan-12	FW2-NT	4.62
BT04	07-Feb-12	FW2-NT	4.24
BT04	23-Feb-12	FW2-NT	4.68
BT04	06-Mar-12	FW2-NT	5.18
BT04	22-Mar-12	FW2-NT	5.54
BT04	03-Apr-12	FW2-NT	5.13
BT04	10-Apr-12	FW2-NT	5.81
BT04	19-Apr-12	FW2-NT	5.42
BT04	25-Apr-12	FW2-NT	3.88
BT04	08-May-12	FW2-NT	4.0
BT04	17-May-12	FW2-NT	4.05
BT04	23-May-12	FW2-NT	4.15
BT04	29-May-12	FW2-NT	4.47
BT04	05-Jun-12	FW2-NT	4.75
BT04	14-Jun-12	FW2-NT	4.38
BT04	20-Jun-12	FW2-NT	6.06
BT04	25-Jun-12	FW2-NT	4.3
BT04	05-Jul-12	FW2-NT	5.82
BT04	09-Jul-12	FW2-NT	4.67
BT04	16-Jul-12	FW2-NT	5.5
BT04	23-Jul-12	FW2-NT	5.36
BT04	26-Jul-12	FW2-NT	5.25
BT04	06-Aug-12	FW2-NT	5.22
BT04	13-Aug-12	FW2-NT	4.6
BT04	16-Aug-12	FW2-NT	4.7
BT04	28-Aug-12	FW2-NT	5.24

BT04	12-Sep-12	FW2-NT	4.73
BT04	17-Sep-12	FW2-NT	4.89
BT04	25-Sep-12	FW2-NT	4.46
BT04	11-Oct-12	FW2-NT	5.55
BT04	22-Oct-12	FW2-NT	5.1
BT04	08-Nov-12	FW2-NT	5.2
BT04	19-Nov-12	FW2-NT	4.7
BT04	06-Dec-12	FW2-NT	4.56
BT04	17-Dec-12	FW2-NT	4.36
BT04a	06-Jun-11	FW2-NT	5.5



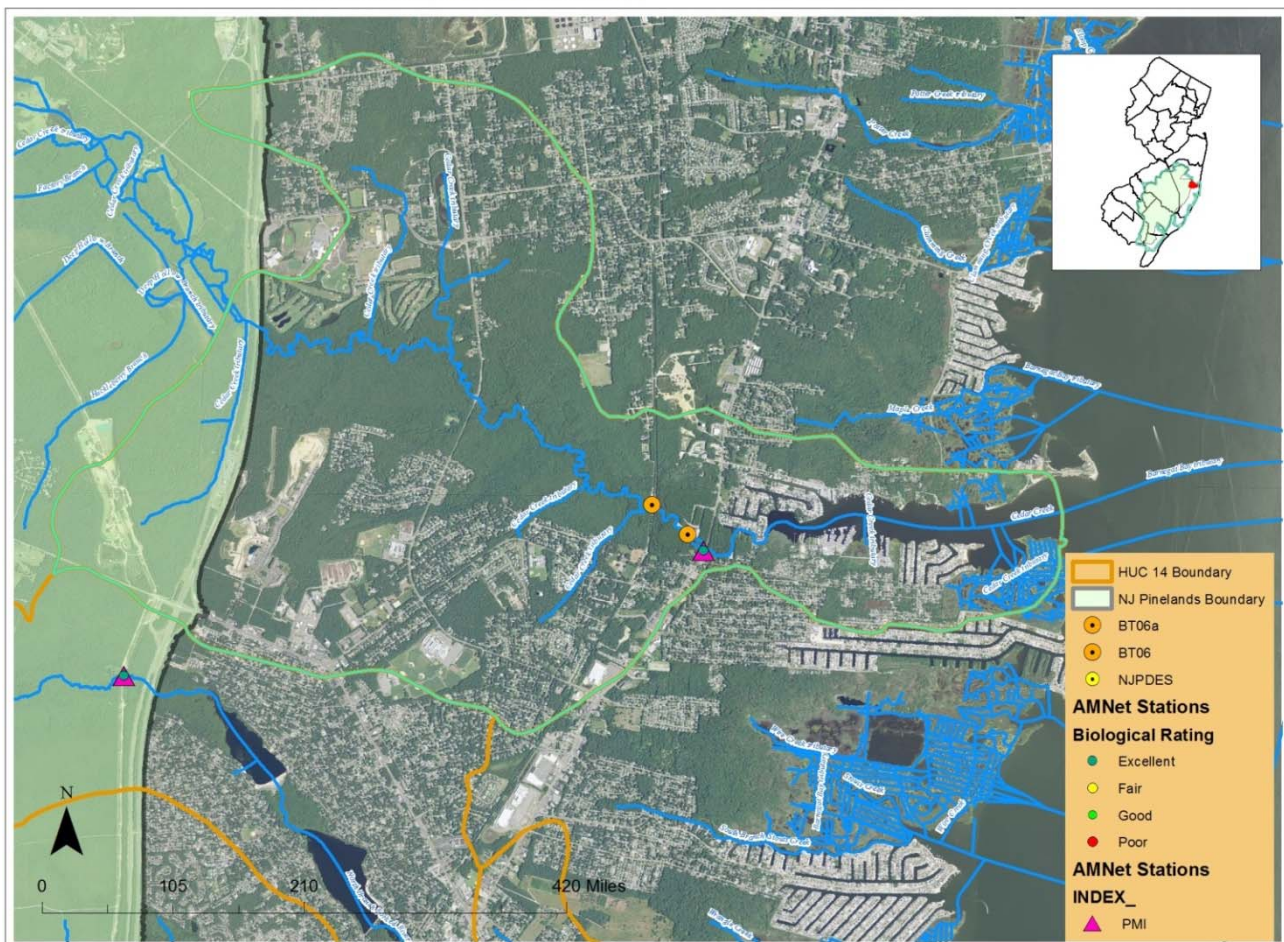
### 3. Cedar Creek (below GS Parkway)

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301090060-01	Cedar Creek (below GS Parkway)	13	BT06	Cedar Creek at Lanoka Harbor
02040301090060-01	Cedar Creek (below GS Parkway)	13	BT06a	Cedar Creek at Lanoka Harbor
02040301090060-01	Cedar Creek (below GS Parkway)	13	AN0549	Cedar Ck

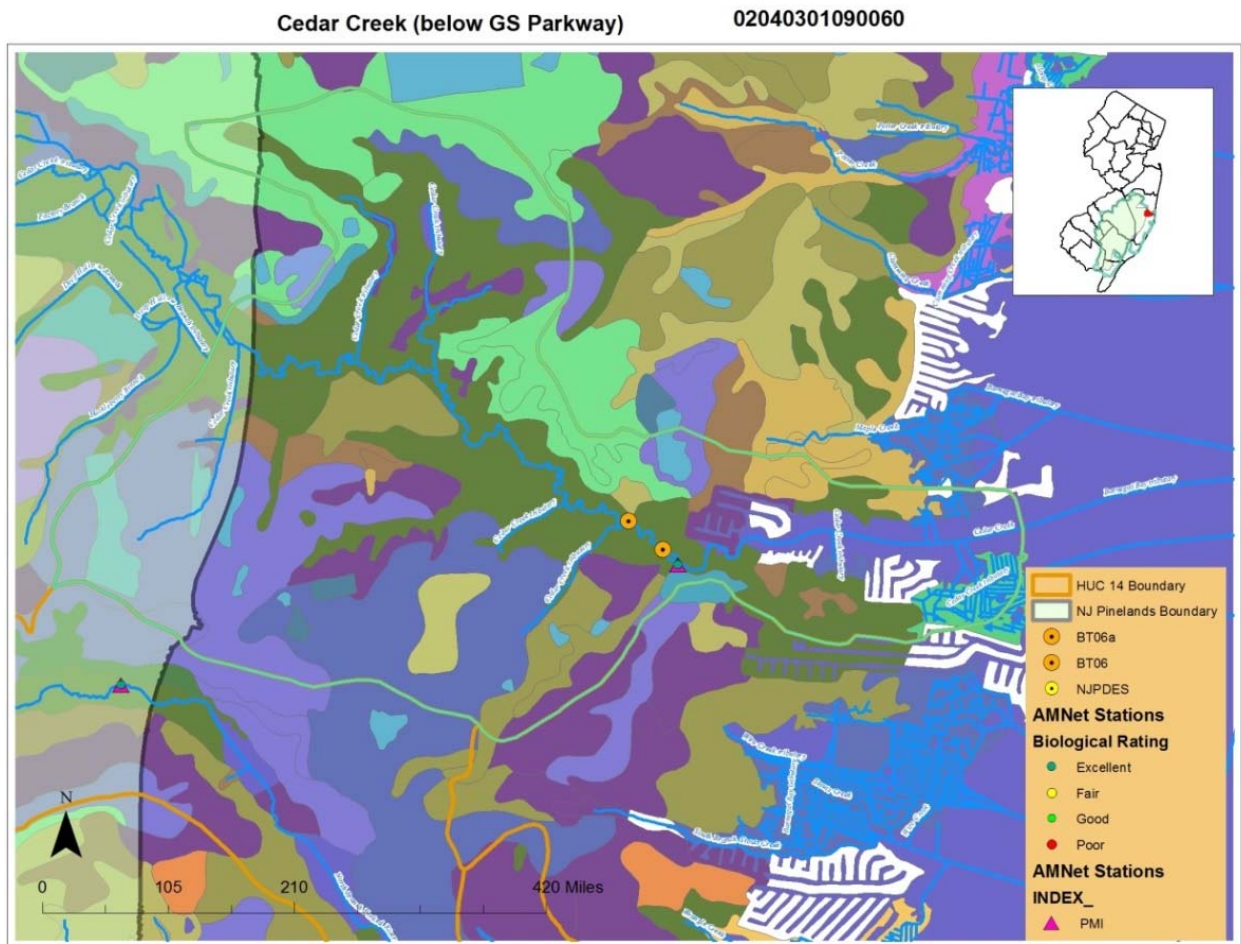
**Geographic Information:** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. AMNET Station AN0549 is located within the AU. PMI has been identified as the appropriate index at the AMNET site and data show no biological impairment.

Cedar Creek (below GS Parkway) 02040301090060



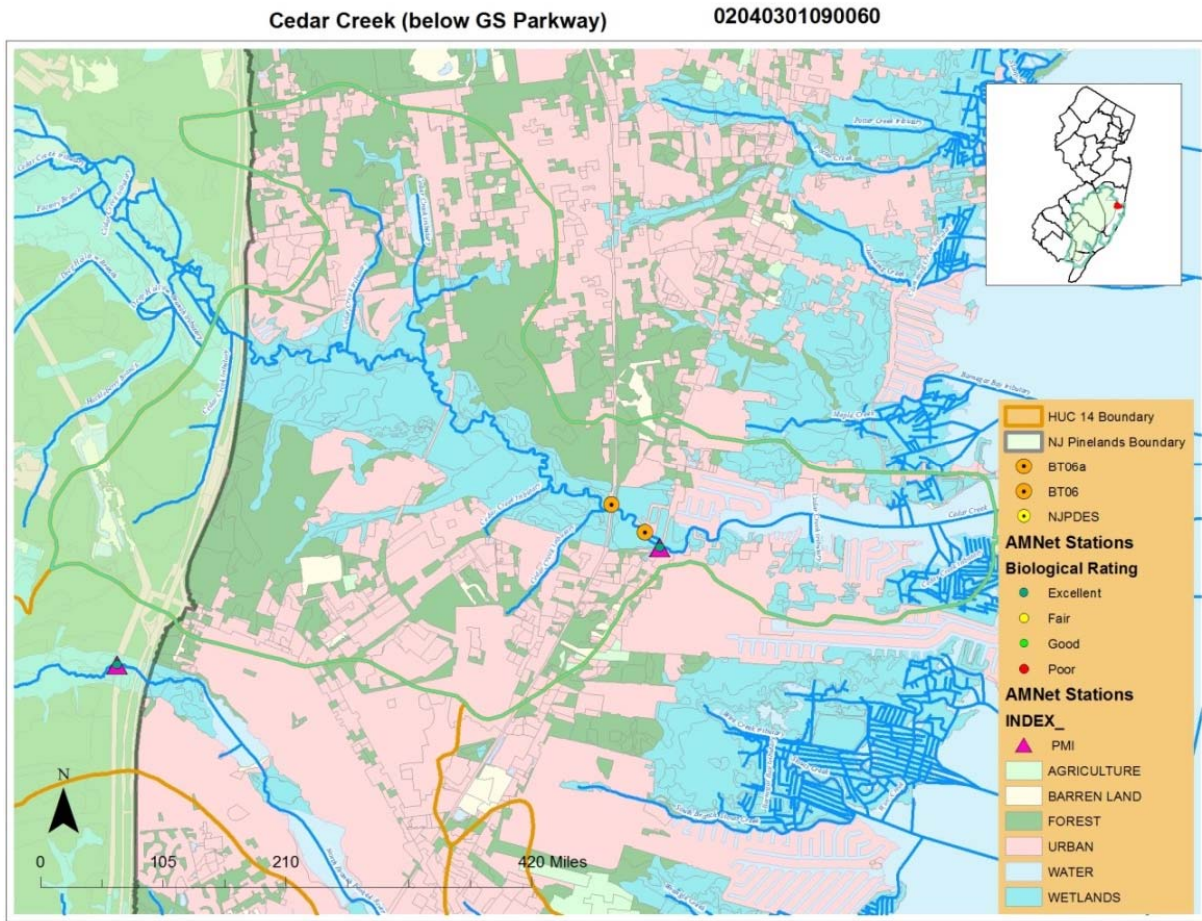
**Point Sources:** There are no NJPDES point source discharges within the AU.

**Soils:** The soil type found at the station locations is Manahawkin Muck (MakAt), which is found throughout the Pinelands region.





**Land Uses:**



**Station Data:** All data at Stations BT06 and BT06a fall within the Pinelands criteria range for pH.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
BT06	06-Jun-11	FW2-NT	5.09
BT06	23-Jun-11	FW2-NT	4.91
BT06	05-Jul-11	FW2-NT	4.51
BT06	21-Jul-11	FW2-NT	4.9
BT06	08-Aug-11	FW2-NT	6.82
BT06	25-Aug-11	FW2-NT	4.57
BT06	15-Sep-11	FW2-NT	4.41
BT06	26-Sep-11	FW2-NT	4.37
BT06	13-Oct-11	FW2-NT	4.55
BT06	24-Oct-11	FW2-NT	4.69
BT06	12-Dec-11	FW2-NT	4.8
BT06	10-Jan-12	FW2-NT	4.83
BT06	26-Jan-12	FW2-NT	4.67
BT06	07-Feb-12	FW2-NT	4.81
BT06	23-Feb-12	FW2-NT	4.79
BT06	06-Mar-12	FW2-NT	6.95
BT06	22-Mar-12	FW2-NT	5.11
BT06	03-Apr-12	FW2-NT	4.75
BT06	10-Apr-12	FW2-NT	4.81
BT06a	19-Apr-12	FW2-NT	4.84
BT06a	08-May-12	FW2-NT	4.6
BT06a	17-May-12	FW2-NT	4.46
BT06a	23-May-12	FW2-NT	4.35
BT06a	29-May-12	FW2-NT	4.58
BT06a	05-Jun-12	FW2-NT	4.31
BT06a	14-Jun-12	FW2-NT	4.3
BT06a	20-Jun-12	FW2-NT	4.58
BT06a	25-Jun-12	FW2-NT	4.73
BT06a	05-Jul-12	FW2-NT	4.79
BT06a	09-Jul-12	FW2-NT	4.63
BT06a	16-Jul-12	FW2-NT	4.69
BT06a	23-Jul-12	FW2-NT	4.94
BT06a	26-Jul-12	FW2-NT	4.88
BT06a	06-Aug-12	FW2-NT	4.5
BT06a	13-Aug-12	FW2-NT	4.23

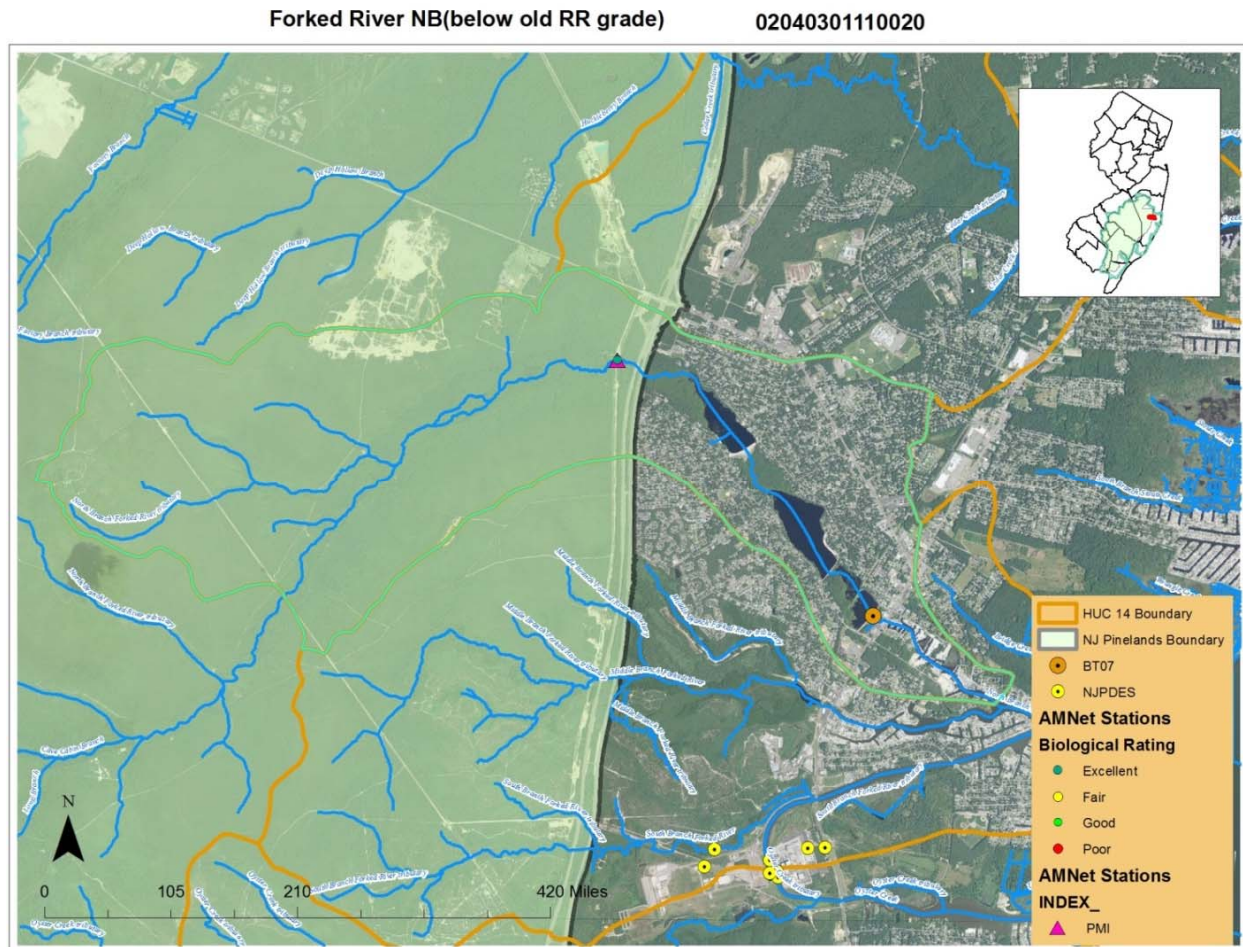
BT06a	16-Aug-12	FW2-NT	4.38
BT06a	28-Aug-12	FW2-NT	4.64
BT06a	06-Sep-12	FW2-NT	4.64
BT06a	12-Sep-12	FW2-NT	4.08
BT06a	17-Sep-12	FW2-NT	4.2
BT06a	25-Sep-12	FW2-NT	4.1
BT06a	11-Oct-12	FW2-NT	4.11
BT06a	22-Oct-12	FW2-NT	4.31
BT06a	08-Nov-12	FW2-NT	4.11
BT06a	19-Nov-12	FW2-NT	4.06
BT06a	06-Dec-12	FW2-NT	4.51
BT06a	17-Dec-12	FW2-NT	4.32
BT06a	07-Jan-13	FW2-NT	4.16
BT06a	29-Jan-13	FW2-NT	4.33
BT06a	05-Feb-13	FW2-NT	4.3
BT06a	26-Feb-13	FW2-NT	4.33
BT06a	05-Mar-13	FW2-NT	4.33
BT06a	21-Mar-13	FW2-NT	3.98
BT06a	27-Mar-13	FW2-NT	4.22
BT06a	01-Apr-13	FW2-NT	4.33
BT06a	09-Apr-13	FW2-NT	4.46
BT06a	18-Apr-13	FW2-NT	4.38
BT06a	24-Apr-13	FW2-NT	4.47
BT06a	06-May-13	FW2-NT	4.55
BT06a	14-May-13	FW2-NT	5.1
BT06a	23-May-13	FW2-NT	4.94
BT06a	29-May-13	FW2-NT	4.72
BT06a	03-Jun-13	FW2-NT	4.76
BT06a	10-Jun-13	FW2-NT	4.2
BT06a	12-Jun-13	FW2-NT	4.23
BT06a	20-Jun-13	FW2-NT	4.18
BT06a	26-Jun-13	FW2-NT	4.35

**4. Forked River NB (below old RR grade)**

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301110020-01	Forked River NB (below old RR grade)	13	BT07	Forked River NB at Forked River
02040301110020-01	Forked River NB (below old RR grade)	13	AN0551	Forked R N Br at powerlines in Lacey

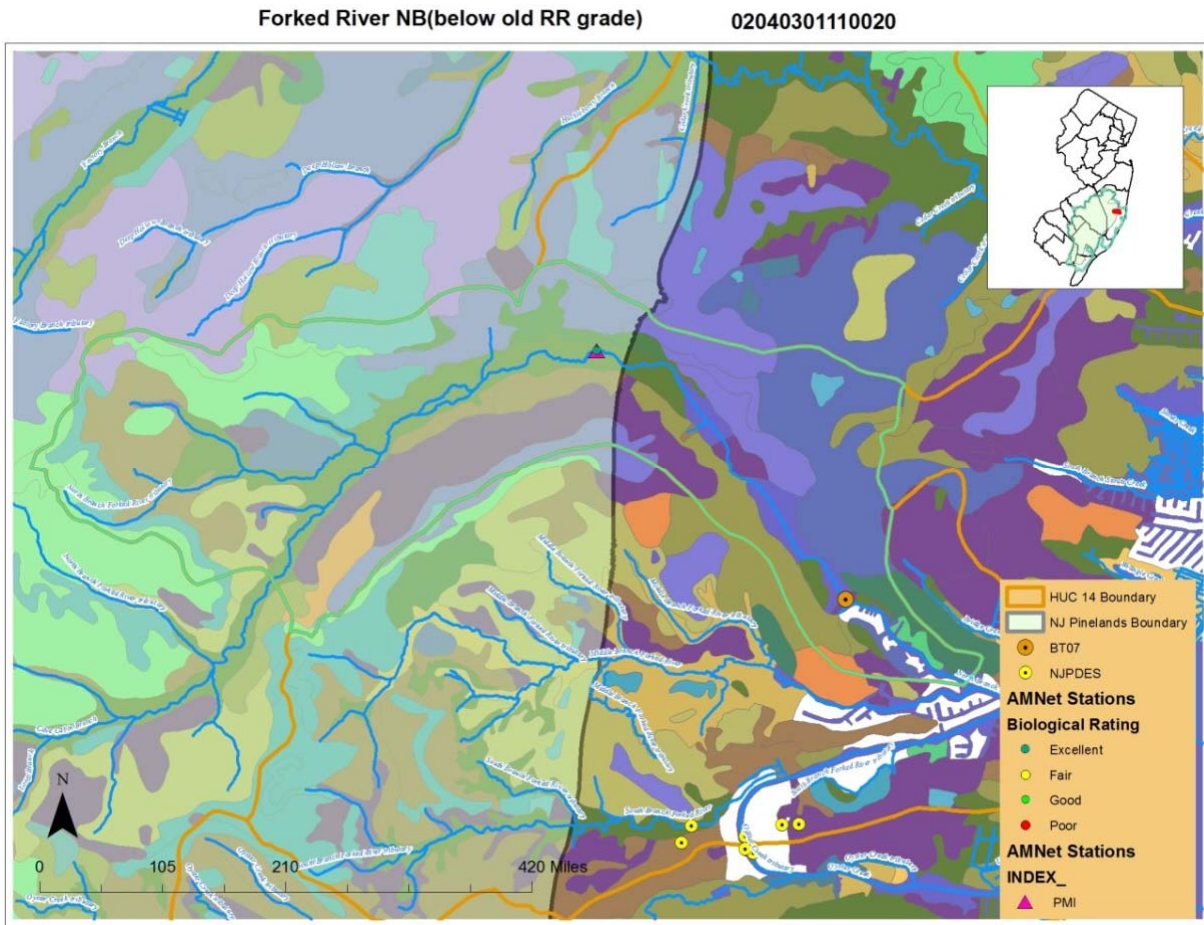
**Geographic Information:** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. AMNET Station AN0551 is located within the AU. PMI has been identified as the appropriate index at the AMNET site and data show no biological impairment.



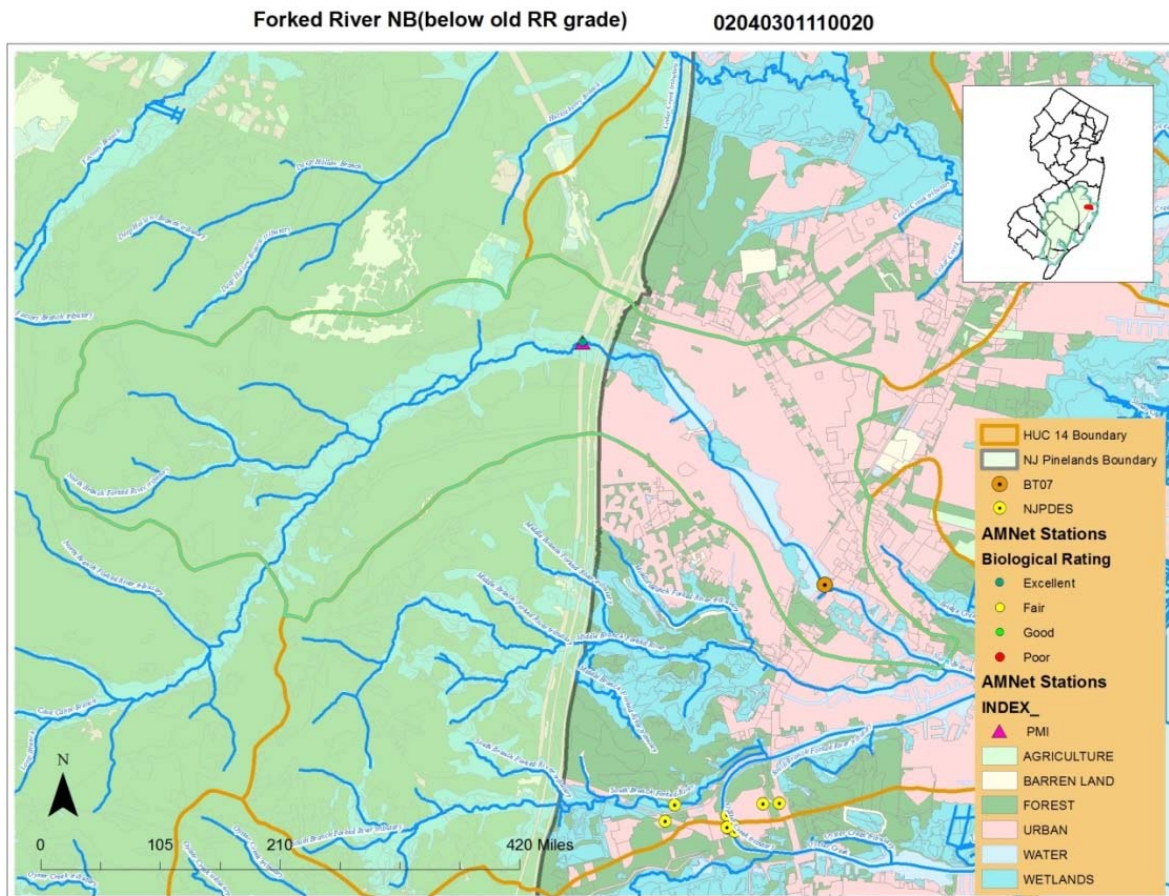
**Point Sources:** There are no NJPDES point source discharges within the AU.



**Soils:** Soil types found at station locations are Manahawkin Muck (MakAt) and Evesboro Sands (EveB), which are found throughout out the Pinelands region.



**Land Uses:**



**Station Data:** All data at Station BT07, except for the 3 samples highlighted in yellow in the table, fall within the Pinelands criteria range for pH.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
BT07	06-Jun-11	FW2-NT	5.09
BT07	23-Jun-11	FW2-NT	4.74
BT07	05-Jul-11	FW2-NT	5.06
BT07	21-Jul-11	FW2-NT	4.93
BT07	08-Aug-11	FW2-NT	4.97
BT07	25-Aug-11	FW2-NT	5
BT07	25-Aug-11	FW2-NT	5.0
BT07	15-Sep-11	FW2-NT	4.05
BT07	26-Sep-11	FW2-NT	5.03
BT07	13-Oct-11	FW2-NT	2.9
BT07	24-Oct-11	FW2-NT	4.36
BT07	14-Nov-11	FW2-NT	4.91
BT07	12-Dec-11	FW2-NT	4.41
BT07	10-Jan-12	FW2-NT	4.2
BT07	26-Jan-12	FW2-NT	4.47
BT07	07-Feb-12	FW2-NT	4.5
BT07	23-Feb-12	FW2-NT	4.59
BT07	06-Mar-12	FW2-NT	4.36
BT07	22-Mar-12	FW2-NT	4.77
BT07	03-Apr-12	FW2-NT	4.59
BT07	10-Apr-12	FW2-NT	4.87
BT07	19-Apr-12	FW2-NT	4.49
BT07	25-Apr-12	FW2-NT	4.74
BT07	08-May-12	FW2-NT	4.71
BT07	17-May-12	FW2-NT	4.63
BT07	23-May-12	FW2-NT	4.5
BT07	29-May-12	FW2-NT	4.62
BT07	05-Jun-12	FW2-NT	4.91
BT07	14-Jun-12	FW2-NT	4.54
BT07	20-Jun-12	FW2-NT	4.41
BT07	25-Jun-12	FW2-NT	4.64
BT07	05-Jul-12	FW2-NT	4.57
BT07	16-Jul-12	FW2-NT	4.49
BT07	23-Jul-12	FW2-NT	4.38

BT07	26-Jul-12	FW2-NT	4.36
BT07	06-Aug-12	FW2-NT	4.33
BT07	13-Aug-12	FW2-NT	4.76
BT07	16-Aug-12	FW2-NT	4.38
BT07	28-Aug-12	FW2-NT	4.6
BT07	06-Sep-12	FW2-NT	4.6
BT07	12-Sep-12	FW2-NT	4.24
BT07	17-Sep-12	FW2-NT	4.67
BT07	25-Sep-12	FW2-NT	4.1
BT07	11-Oct-12	FW2-NT	4.92
BT07	22-Oct-12	FW2-NT	3.98
BT07	08-Nov-12	FW2-NT	4.0
BT07	19-Nov-12	FW2-NT	3.8
BT07	06-Dec-12	FW2-NT	3.98
BT07	17-Dec-12	FW2-NT	3.8
BT07	07-Jan-13	FW2-NT	4.3
BT07	29-Jan-13	FW2-NT	3.78
BT07	05-Feb-13	FW2-NT	3.88
BT07	26-Feb-13	FW2-NT	3.7
BT07	05-Mar-13	FW2-NT	3.78
BT07	12-Mar-13	FW2-NT	6.35
BT07	21-Mar-13	FW2-NT	3.6
BT07	27-Mar-13	FW2-NT	6.16
BT07	01-Apr-13	FW2-NT	4.6
BT07	09-Apr-13	FW2-NT	4.95
BT07	18-Apr-13	FW2-NT	4.6
BT07	24-Apr-13	FW2-NT	4.87
BT07	06-May-13	FW2-NT	4.53
BT07	14-May-13	FW2-NT	4.6
BT07	23-May-13	FW2-NT	4.51
BT07	29-May-13	FW2-NT	4.75
BT07	03-Jun-13	FW2-NT	4.7
BT07	20-Jun-13	FW2-NT	4.56
BT07	26-Jun-13	FW2-NT	4.59

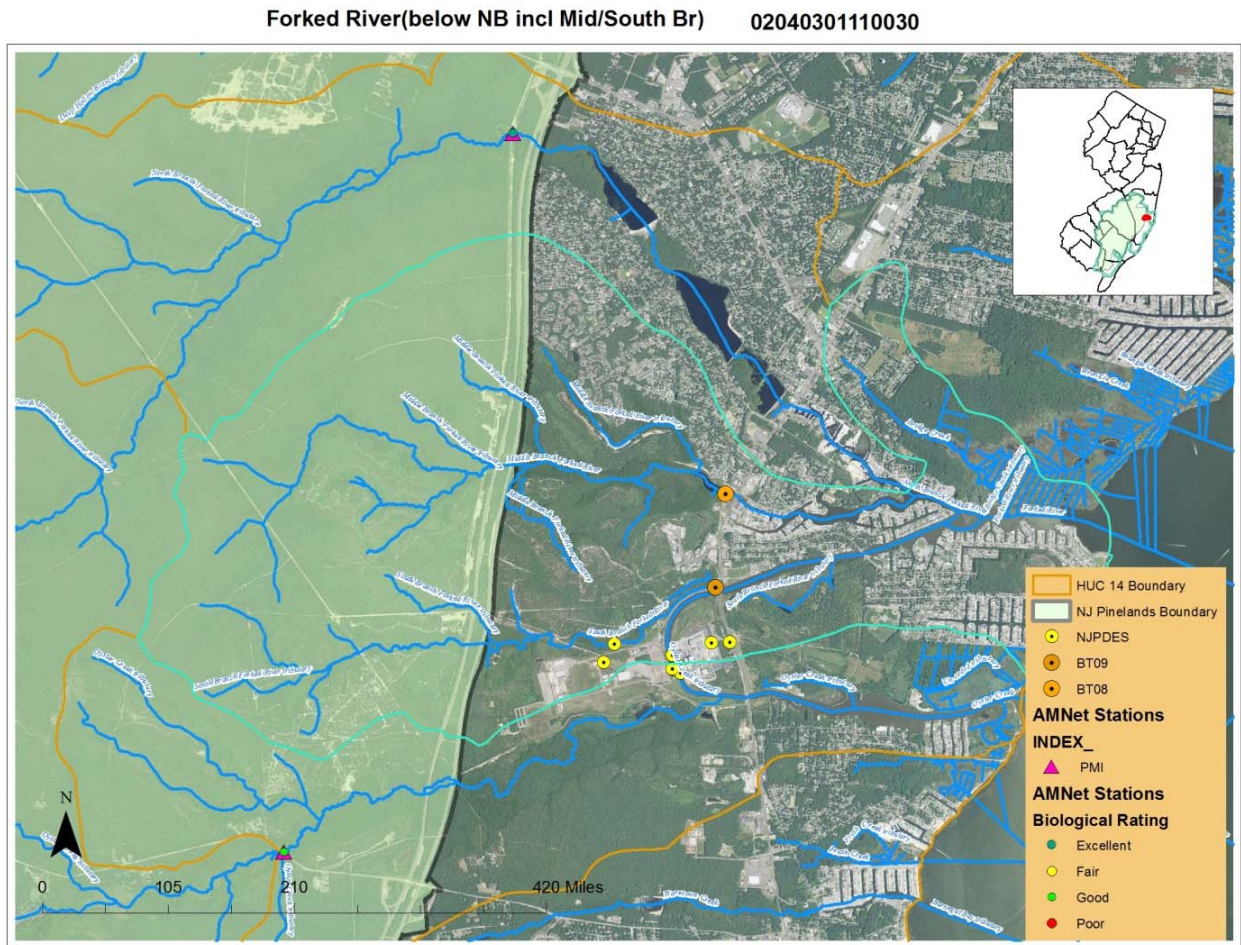


**5. Forked River (below NB incl Mid/South Br)**

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301110030-01	Forked River (below NB incl Mid/South Br)	13	BT09	Forked River SB
02040301110030-01	Forked River (below NB incl Mid/South Br)	13	BT08	Middle Branch Forked River

**Geographic Information:** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. Macroinvertebrate data was collected at Stations BT08 and BT09 during the Barnegat Bay water quality monitoring project on 8/25/2011 and show no biological impairment.



**Point Sources:** There are several NJPDES point source discharges within the assessment unit; they are all associated with GPU Nuclear Corp - Oyster Ck, NJ0005550. These discharges occur on a tributary to the Oyster Creek. BT08 is located on a tributary of the Forked River and is not influenced by the discharges.

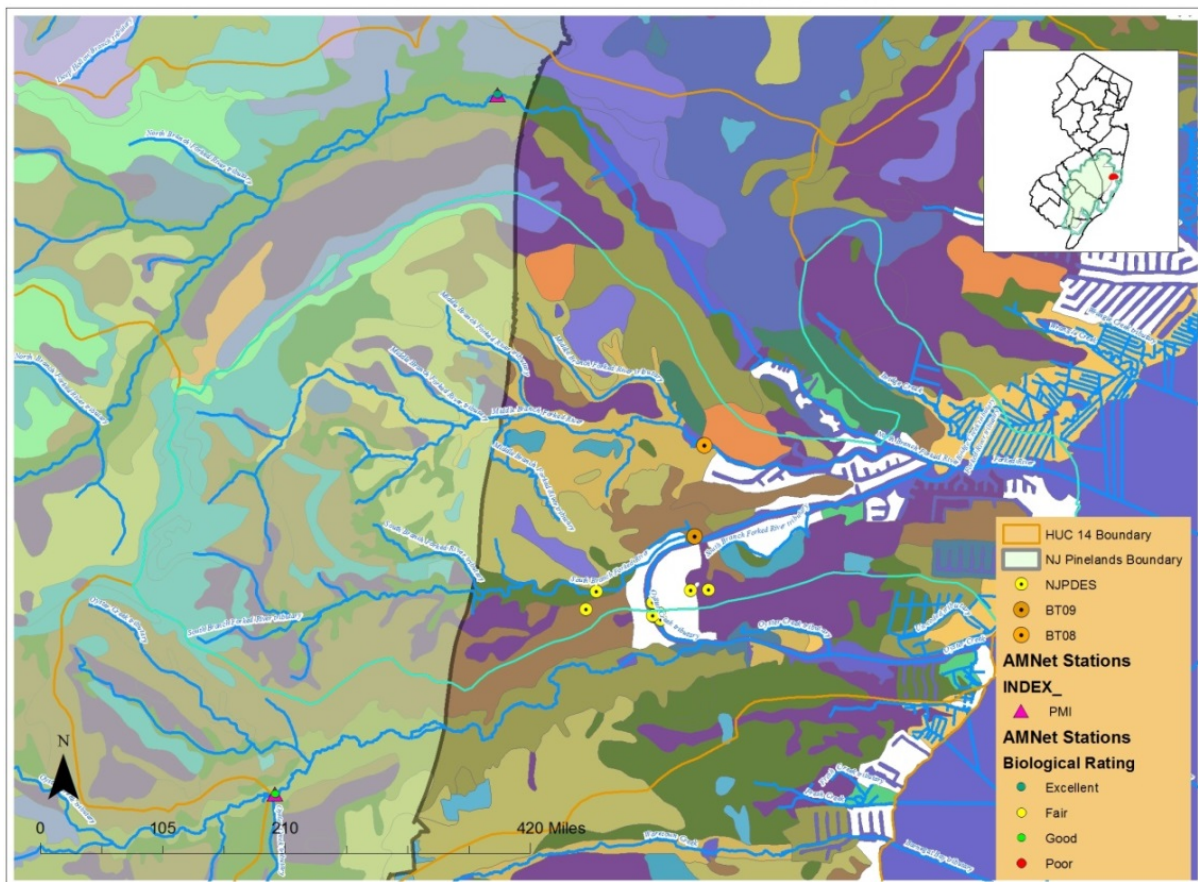
BT09 is located downstream of several of the discharges. Review of the DMR data shows that the discharge is at a neutral pH and would not cause a decrease in pH levels in-stream.

NJPDES Permit Number	Monitored Location	Mon. Period Start Date	Mon. Period End Date	Parameter Description	Sample Point	Concentration Units	Reported Value Concentration Min	Reported Value Concentration Max	Reported Sample Type
NJ0005550	001A	6/1/2011	6/30/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.5	7.9	Grab
NJ0005550	001A	6/1/2011	6/30/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.7	7.9	Grab
NJ0005550	001A	7/1/2011	7/31/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.5	7.8	Grab
NJ0005550	001A	7/1/2011	7/31/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.4	7.9	Grab
NJ0005550	001A	8/1/2011	8/31/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.6	7.8	Grab
NJ0005550	001A	8/1/2011	8/31/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.6	7.8	Grab
NJ0005550	001A	9/1/2011	9/30/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.6	7.9	Grab
NJ0005550	001A	9/1/2011	9/30/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.5	7.9	Grab
NJ0005550	001A	10/1/2011	10/31/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.4	7.9	Grab
NJ0005550	001A	10/1/2011	10/31/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.6	8	Grab
NJ0005550	001A	11/1/2011	11/30/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.7	7.9	Grab
NJ0005550	001A	11/1/2011	11/30/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.6	8	Grab
NJ0005550	001A	12/1/2011	12/31/2011	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.7	7.9	Grab
NJ0005550	001A	12/1/2011	12/31/2011	pH	Intake	STANDARD UNITS (I.E. PH)	7.6	8	Grab
NJ0005550	001A	1/1/2012	1/31/2012	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.6	7.9	Grab
NJ0005550	001A	1/1/2012	1/31/2012	pH	Intake	STANDARD UNITS (I.E. PH)	7.8	8.1	Grab
NJ0005550	001A	2/1/2012	2/29/2012	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.9	8.1	Grab
NJ0005550	001A	2/1/2012	2/29/2012	pH	Intake	STANDARD UNITS (I.E. PH)	7.9	8.1	Grab
NJ0005550	001A	3/1/2012	3/31/2012	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.7	8	Grab
NJ0005550	001A	3/1/2012	3/31/2012	pH	Intake	STANDARD UNITS (I.E. PH)	7.8	8	Grab
NJ0005550	001A	4/1/2012	4/30/2012	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.7	8.1	Grab
NJ0005550	001A	4/1/2012	4/30/2012	pH	Intake From Stream	STANDARD UNITS (I.E. PH)	7.6	8.2	Grab

NJ0005550	001A	5/1/2012	5/31/2012	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.6	7.9	Grab
NJ0005550	001A	5/1/2012	5/31/2012	pH	Intake From Stream	STANDARD UNITS (I.E. PH)	7.6	8.3	Grab
NJ0005550	001A	6/1/2012	6/30/2012	pH	Effluent Gross Value	STANDARD UNITS (I.E. PH)	7.5	7.8	Grab
NJ0005550	001A	6/1/2012	6/30/2012	pH	Intake From Stream	STANDARD UNITS (I.E. PH)	7.6	7.8	Grab

**Soils:** Soil types found at the station locations are Manahawkin Muck (MakAt) and Lakehurst Sands (LAKB) which are found throughout the pinelands region.

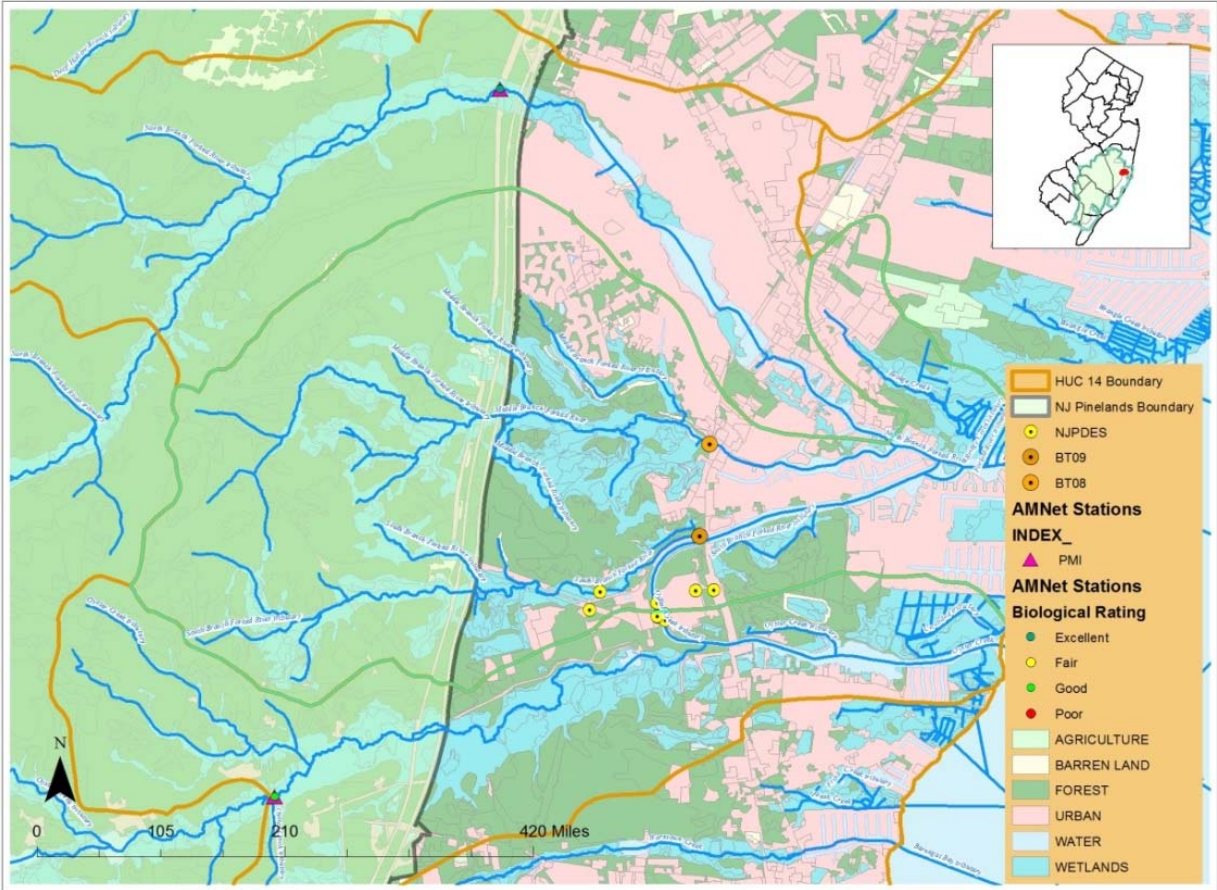
**Forked River(below NB incl Mid/South Br)      02040301110030**





**Land Uses:**

Forked River(below NB incl Mid/South Br) 02040301110030



**Station Data:** All data at Stations BT08 and BT09 fall within the Pinelands criteria range for pH, except for one sample at BT08 and three samples at BT09 highlighted in yellow in the table.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
BT08	06-Jun-11	FW2-NT	4.52
BT08	23-Jun-11	FW2-NT	4.3
BT08	05-Jul-11	FW2-NT	4.27
BT08	21-Jul-11	FW2-NT	4.36
BT08	08-Aug-11	FW2-NT	4.31
BT08	25-Aug-11	FW2-NT	4.33
BT08	15-Sep-11	FW2-NT	4.03
BT08	26-Sep-11	FW2-NT	4.24
BT08	13-Oct-11	FW2-NT	2.49
BT08	13-Oct-11	FW2-NT	5.23
BT08	24-Oct-11	FW2-NT	4.54
BT08	14-Nov-11	FW2-NT	4.11
BT08	12-Dec-11	FW2-NT	4.2
BT08	10-Jan-12	FW2-NT	4.0
BT08	26-Jan-12	FW2-NT	4.02
BT08	07-Feb-12	FW2-NT	4.08
BT08	23-Feb-12	FW2-NT	4.23
BT08	06-Mar-12	FW2-NT	4.0
BT08	22-Mar-12	FW2-NT	4.03
BT08	03-Apr-12	FW2-NT	4.19
BT08	10-Apr-12	FW2-NT	4.42
BT08	19-Apr-12	FW2-NT	3.93
BT08	25-Apr-12	FW2-NT	4.01
BT08	08-May-12	FW2-NT	4.0
BT08	17-May-12	FW2-NT	3.99
BT08	23-May-12	FW2-NT	3.98
BT08	29-May-12	FW2-NT	3.92
BT08	05-Jun-12	FW2-NT	4.25
BT08	20-Jun-12	FW2-NT	3.9
BT08	25-Jun-12	FW2-NT	3.71
BT08	05-Jul-12	FW2-NT	3.75
BT08	23-Jul-12	FW2-NT	3.41
BT08	06-Aug-12	FW2-NT	4.41
BT08	28-Aug-12	FW2-NT	4.4

BT08	12-Sep-12	FW2-NT	4.23
BT08	17-Sep-12	FW2-NT	4.49
BT08	11-Oct-12	FW2-NT	4.29
BT08	08-Nov-12	FW2-NT	3.7
BT08	19-Nov-12	FW2-NT	3.7
BT08	06-Dec-12	FW2-NT	3.6
BT08	17-Dec-12	FW2-NT	3.5
BT09	06-Jun-11	FW2-NT	4.48
BT09	23-Jun-11	FW2-NT	4.64
BT09	05-Jul-11	FW2-NT	4.5
BT09	21-Jul-11	FW2-NT	4.57
BT09	08-Aug-11	FW2-NT	4.67
BT09	25-Aug-11	FW2-NT	4.4
BT09	15-Sep-11	FW2-NT	4.74
BT09	26-Sep-11	FW2-NT	4.25
BT09	13-Oct-11	FW2-NT	4.52
BT09	24-Oct-11	FW2-NT	4.39
BT09	14-Nov-11	FW2-NT	4.1
BT09	12-Dec-11	FW2-NT	4.42
BT09	10-Jan-12	FW2-NT	4.62
BT09	26-Jan-12	FW2-NT	4.63
BT09	07-Feb-12	FW2-NT	4.38
BT09	23-Feb-12	FW2-NT	4.48
BT09	06-Mar-12	FW2-NT	4.41
BT09	22-Mar-12	FW2-NT	4.38
BT09	03-Apr-12	FW2-NT	4.36
BT09	10-Apr-12	FW2-NT	4.32
BT09	19-Apr-12	FW2-NT	4.5
BT09	25-Apr-12	FW2-NT	4.48
BT09	08-May-12	FW2-NT	4.52
BT09	17-May-12	FW2-NT	4.43
BT09	23-May-12	FW2-NT	4.39
BT09	29-May-12	FW2-NT	4.4
BT09	05-Jun-12	FW2-NT	4.92
BT09	14-Jun-12	FW2-NT	4.5
BT09	20-Jun-12	FW2-NT	4.5
BT09	25-Jun-12	FW2-NT	4.57
BT09	05-Jul-12	FW2-NT	4.66
BT09	09-Jul-12	FW2-NT	4.85
BT09	16-Jul-12	FW2-NT	4.77
BT09	23-Jul-12	FW2-NT	5.18
BT09	26-Jul-12	FW2-NT	6.64

BT09	06-Aug-12	FW2-NT	4.91
BT09	13-Aug-12	FW2-NT	4.65
BT09	16-Aug-12	FW2-NT	4.76
BT09	28-Aug-12	FW2-NT	4.5
BT09	06-Sep-12	FW2-NT	4.57
BT09	12-Sep-12	FW2-NT	4.73
BT09	17-Sep-12	FW2-NT	4.79
BT09	25-Sep-12	FW2-NT	4.82
BT09	11-Oct-12	FW2-NT	4.52
BT09	22-Oct-12	FW2-NT	4.82
BT09	08-Nov-12	FW2-NT	5.06
BT09	19-Nov-12	FW2-NT	4.52
BT09	06-Dec-12	FW2-NT	5.7
BT09	17-Dec-12	FW2-NT	5.53

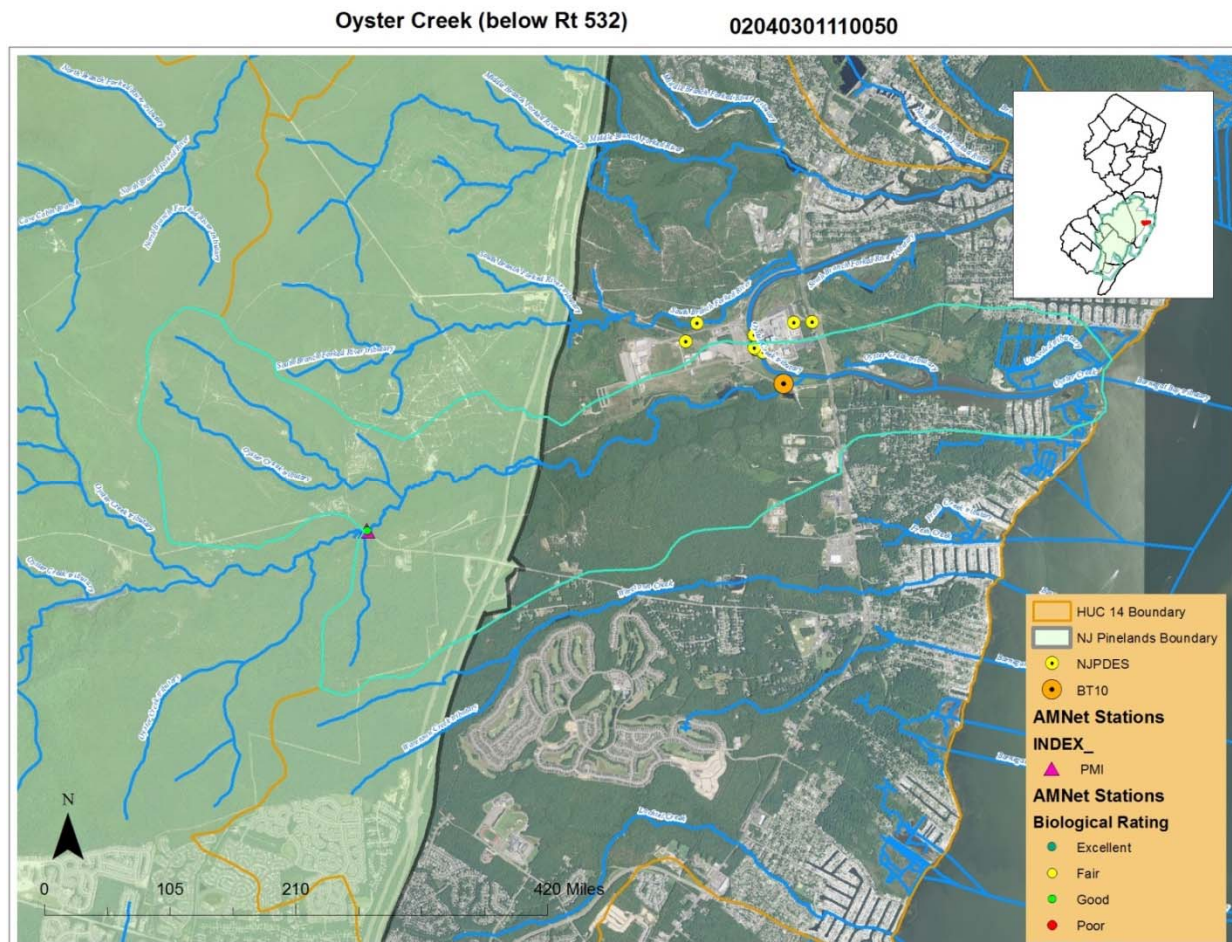


**6. Oyster Creek (below Rt 532)**

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301110050-01	Oyster Creek (below Rt 532)	13	BT10	Oyster Creek
02040301110050-01	Oyster Creek (below Rt 532)	13	AN0552	Oyster Ck

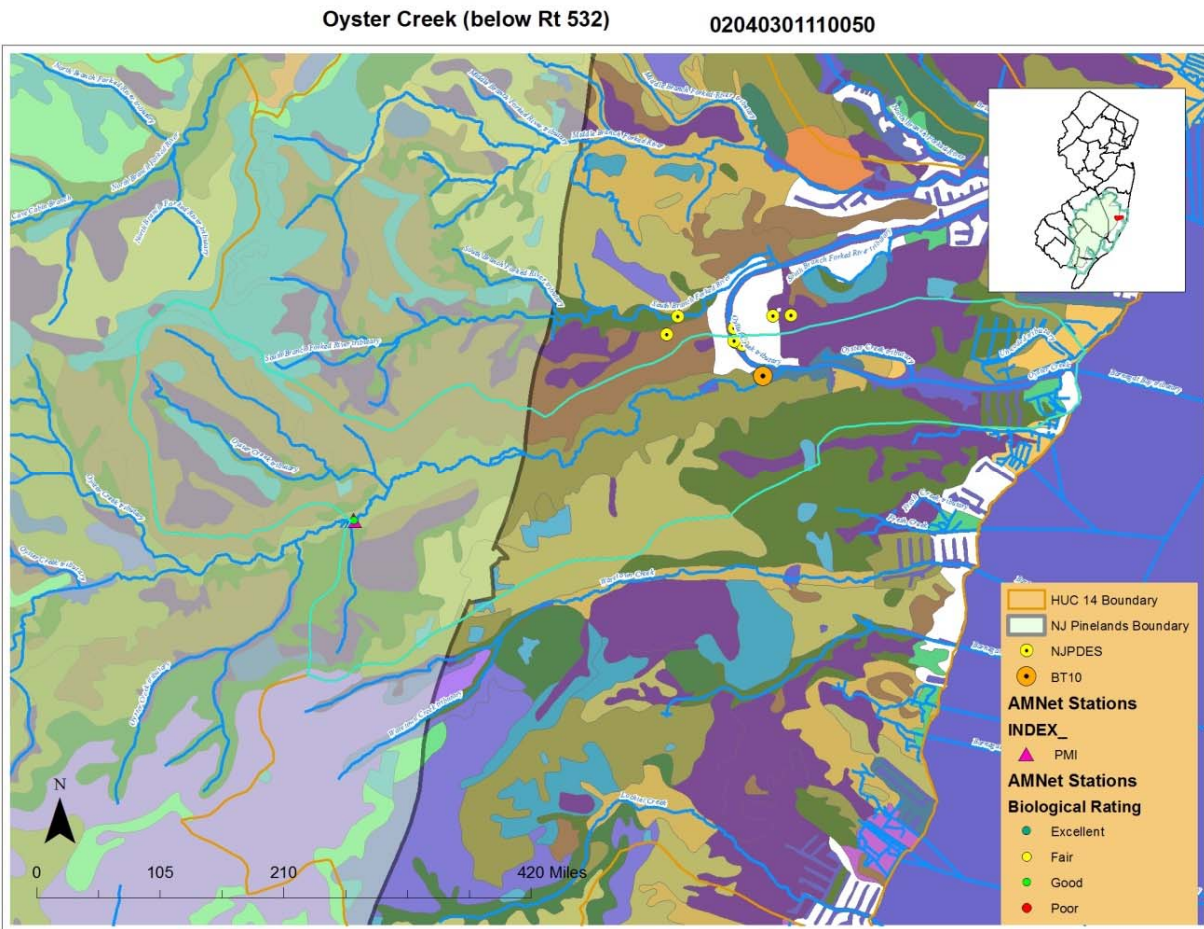
**Geographic Information** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. AMNET Station AN0552 is located within the AU. PMI has been identified as the appropriate index at the AMNET site and data show no biological impairment. Additional macroinvertebrate data were collected at BT10 during the Barnegat Bay water quality monitoring project on 8/25/2011 and that data also show no biological impairment.



**Point Sources:** There are several NJPDES point source discharges within the AU; they are all associated with GPU Nuclear Corp - Oyster Ck, NJ0005550. These discharges occur on a tributary to the Oyster Creek. The station of concern is located on the mainstem of Oyster Creek, above the confluence with the tributary; therefore, it could not be impacted by these discharges.

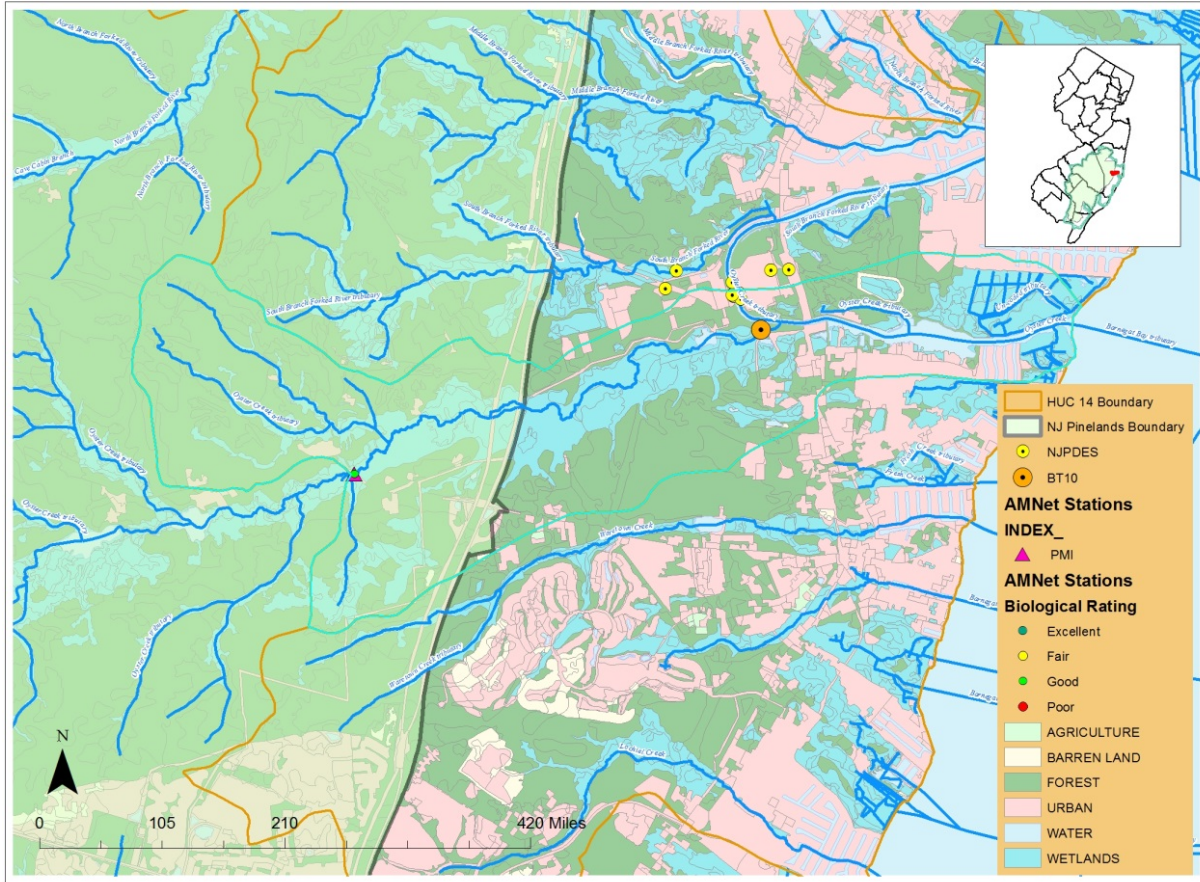


**Soils:** The soil type found at these station locations is Manahawkin Muck (MakAt), which is found throughout the Pinelands region.



**Land Uses:**

Oyster Creek (below Rt 532) 02040301110050



**Station Data:** All data at Station BT10 fall within the Pinelands criteria range for pH.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
BT10	06-Jun-11	FW2-NT	4.55
BT10	23-Jun-11	FW2-NT	4.7
BT10	05-Jul-11	FW2-NT	4.4
BT10	21-Jul-11	FW2-NT	4.7
BT10	08-Aug-11	FW2-NT	4.68
BT10	25-Aug-11	FW2-NT	4.63
BT10	15-Sep-11	FW2-NT	4.42
BT10	26-Sep-11	FW2-NT	4.16
BT10	13-Oct-11	FW2-NT	4.6
BT10	24-Oct-11	FW2-NT	4.55
BT10	14-Nov-11	FW2-NT	4.46
BT10	12-Dec-11	FW2-NT	4.42
BT10	10-Jan-12	FW2-NT	4.62
BT10	26-Jan-12	FW2-NT	4.57
BT10	07-Feb-12	FW2-NT	4.45
BT10	23-Feb-12	FW2-NT	4.51
BT10	06-Mar-12	FW2-NT	4.06
BT10	22-Mar-12	FW2-NT	4.49
BT10	03-Apr-12	FW2-NT	4.46
BT10	10-Apr-12	FW2-NT	4.78
BT10	19-Apr-12	FW2-NT	4.77
BT10	25-Apr-12	FW2-NT	4.42
BT10	08-May-12	FW2-NT	4.48
BT10	17-May-12	FW2-NT	4.32
BT10	23-May-12	FW2-NT	4.41
BT10	29-May-12	FW2-NT	4.51
BT10	05-Jun-12	FW2-NT	4.6
BT10	14-Jun-12	FW2-NT	4.47
BT10	20-Jun-12	FW2-NT	4.73
BT10	25-Jun-12	FW2-NT	4.57
BT10	05-Jul-12	FW2-NT	4.78
BT10	09-Jul-12	FW2-NT	4.64
BT10	16-Jul-12	FW2-NT	4.61
BT10	23-Jul-12	FW2-NT	4.72

BT10	26-Jul-12	FW2-NT	4.87
BT10	06-Aug-12	FW2-NT	4.76
BT10	13-Aug-12	FW2-NT	4.61
BT10	16-Aug-12	FW2-NT	4.77
BT10	28-Aug-12	FW2-NT	4.32
BT10	06-Sep-12	FW2-NT	4.26
BT10	12-Sep-12	FW2-NT	4.65
BT10	17-Sep-12	FW2-NT	4.8
BT10	25-Sep-12	FW2-NT	4.88
BT10	11-Oct-12	FW2-NT	4.09
BT10	22-Oct-12	FW2-NT	4.74
BT10	08-Nov-12	FW2-NT	4.93
BT10	19-Nov-12	FW2-NT	4.56
BT10	06-Dec-12	FW2-NT	5.47
BT10	17-Dec-12	FW2-NT	5.01

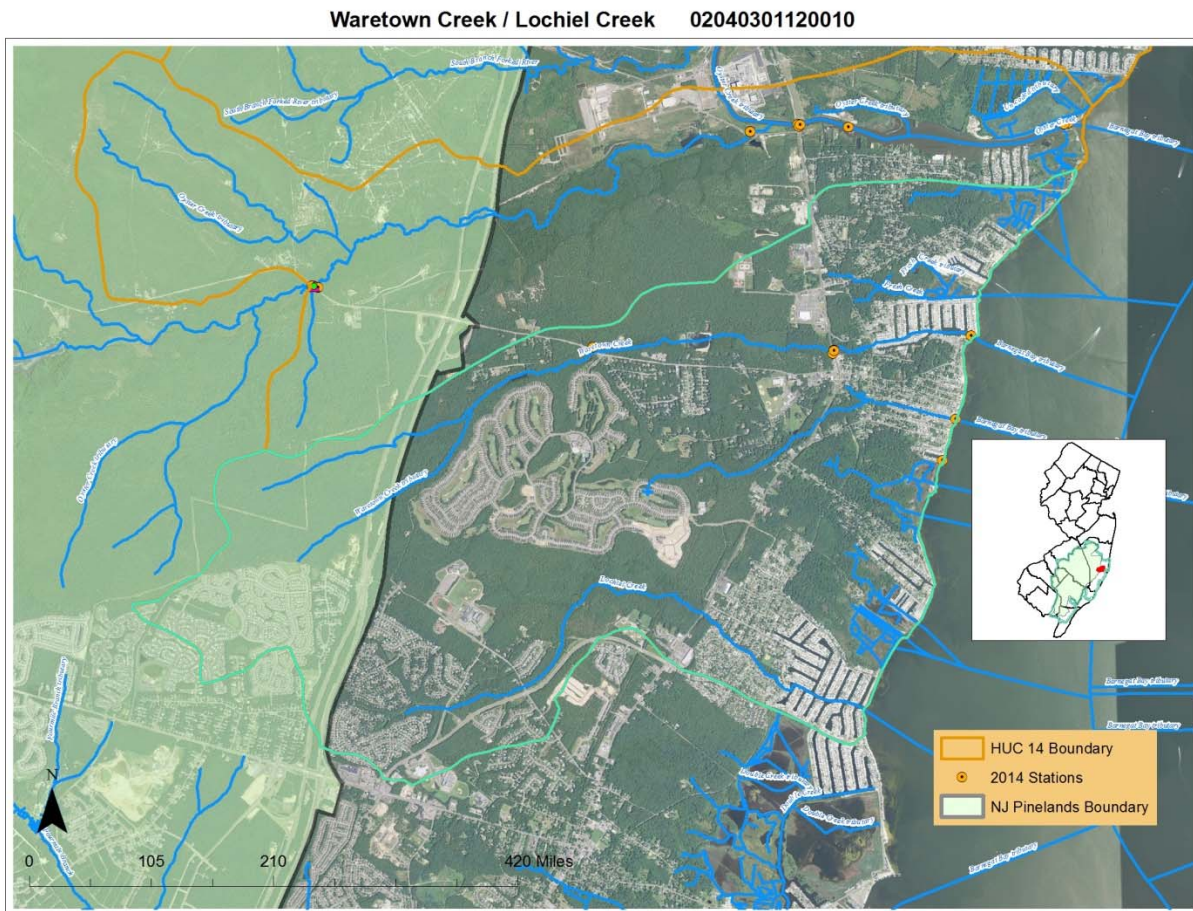


**7. Waretown Ck on Rt 9 in Waretown**

**Assessment Unit Information:**

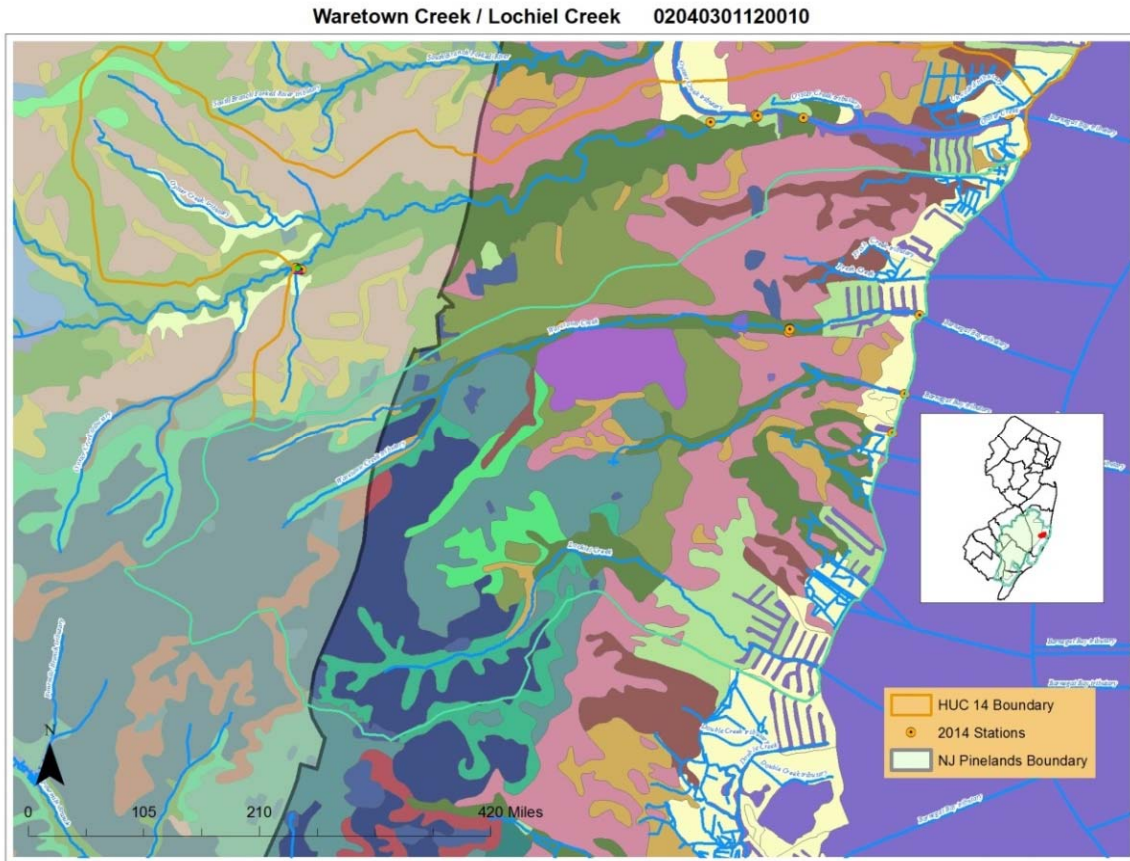
AU Number	AU Name	WMA	Station	Station Name
02040301120010-01	Waretown Creek / Lochiel Creek	13	01409108	Waretown Ck on Rt 9 in Waretown

**Geographic Information:** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary.



**Point Sources:** There are no NJPDES point source discharges within the assessment unit.

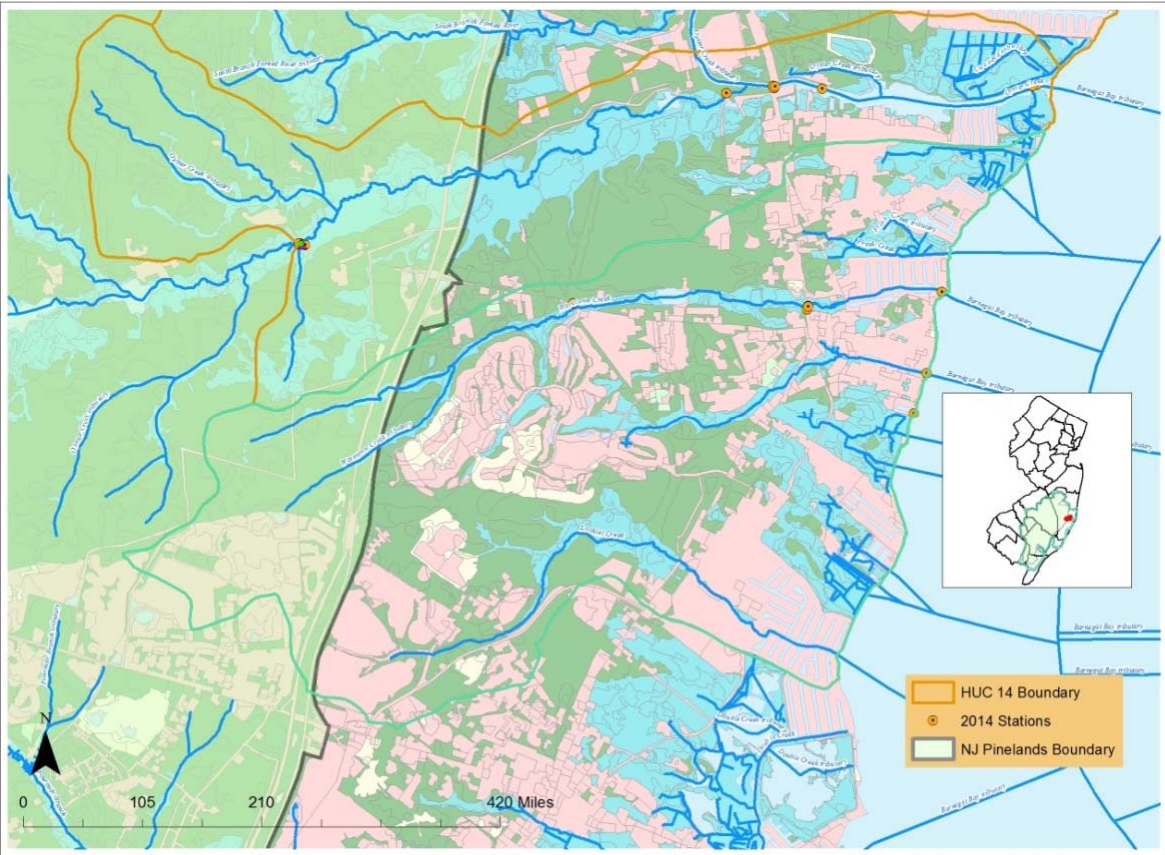
**Soils:** The soil type found at the station location is Manahawkin Muck( MakAt); which is found throughout the Pinelands region.





**Land Uses:**

Waretown Creek / Lochiel Creek 02040301120010



**Station Data:** . All data at Station 01409108 since 2005 meet the South Jersey pH criteria. pH values show an increase since 2004 reflected by development in the assessment unit.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
01409108	18-Nov-02	FW2-NT	4.6
01409108	26-Feb-03	FW2-NT	4.4
01409108	19-May-03	FW2-NT	4.5
01409108	05-Aug-03	FW2-NT	4.85
01409108	12-Nov-03	FW2-NT	4.6
01409108	09-Feb-04	FW2-NT	4.38
01409108	29-Apr-04	FW2-NT	4.66
01409108	02-Aug-04	FW2-NT	5.16
01409108	14-Jun-05	FW2-NT	4.9
01409108	06-Sep-05	FW2-NT	5.7
01409108	01-Dec-05	FW2-NT	4.7
01409108	06-Mar-06	FW2-NT	5.0
01409108	30-May-06	FW2-NT	5.0
01409108	29-Aug-06	FW2-NT	4.9
01409108	30-Nov-06	FW2-NT	4.9
01409108	22-Feb-07	FW2-NT	5.4
01409108	21-May-07	FW2-NT	5.5
01409108	30-Aug-07	FW2-NT	5.2
01409108	27-Nov-07	FW2-NT	5.7
01409108	26-Feb-08	FW2-NT	5.2
01409108	20-May-08	FW2-NT	5.1
01409108	28-Aug-08	FW2-NT	5.3
01409108	17-Dec-08	FW2-NT	4.6
01409108	02-Feb-09	FW2-NT	5.1
01409108	04-May-09	FW2-NT	5.1
01409108	18-Aug-09	FW2-NT	5.3
01409108	08-Dec-09	FW2-NT	4.9
01409108	09-Mar-10	FW2-NT	5.1
01409108	24-Jun-10	FW2-NT	5.4
01409108	16-Sep-10	FW2-NT	5.3
01409108	14-Dec-10	FW2-NT	5.2
01409108	06-Apr-11	FW2-NT	5.32
01409108	27-Jun-11	FW2-NT	5.1
01409108	23-Aug-11	FW2-NT	5.8



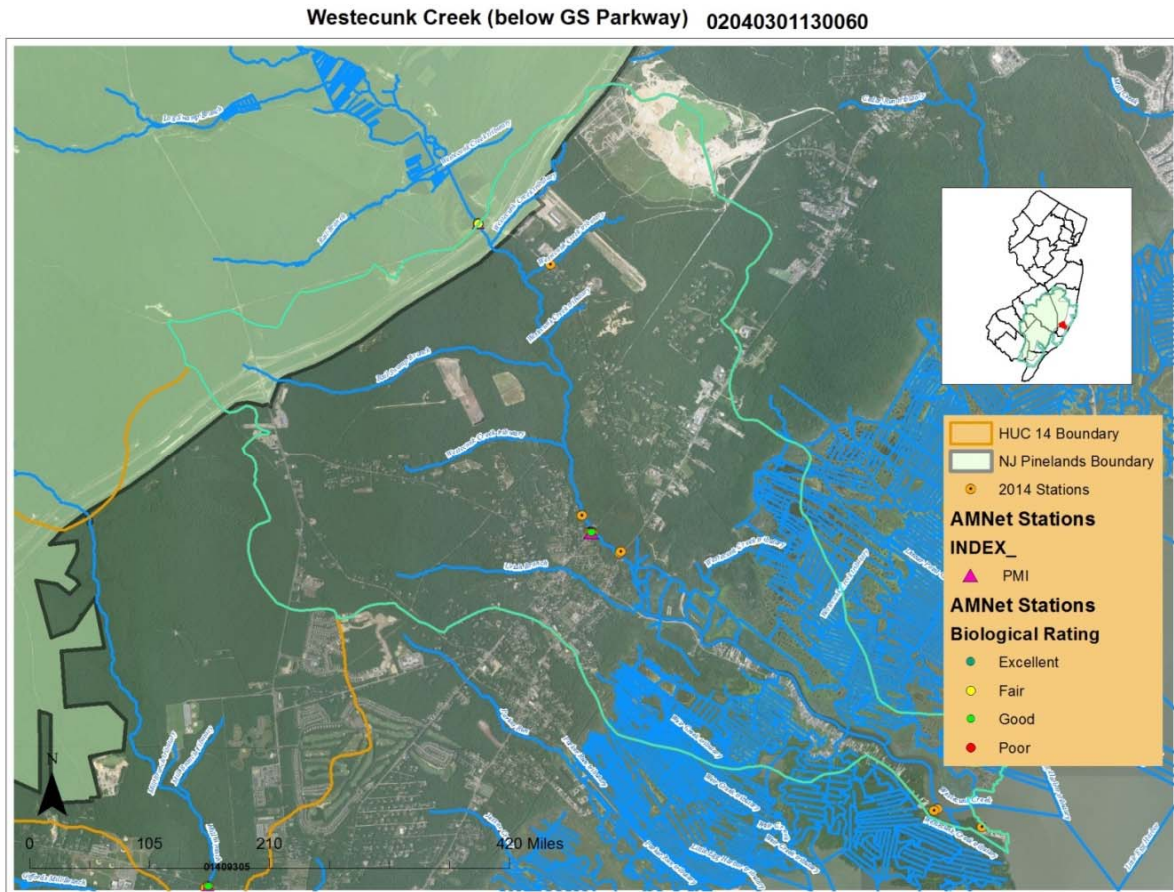
01409108	06-Dec-11	FW2-NT	5.1
01409108	16-Feb-12	FW2-NT	5.4
01409108	27-Apr-12	FW2-NT	5.2
01409108	10-Oct-12	FW2-NT	5.4
01409108	03-Jan-13	FW2-NT	5.6
01409108	08-Apr-13	FW2-NT	5.5

**8. Westecunk Creek (below GS Parkway)**

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301130060-01	Westecunk Creek (below GS Parkway)	13	BT12	Westecunk Ck at Railroad Avenue at West Creek
02040301130060-01	Westecunk Creek (below GS Parkway)	13	AN0558	Westecunk Ck at RR Ave in Eagleswood

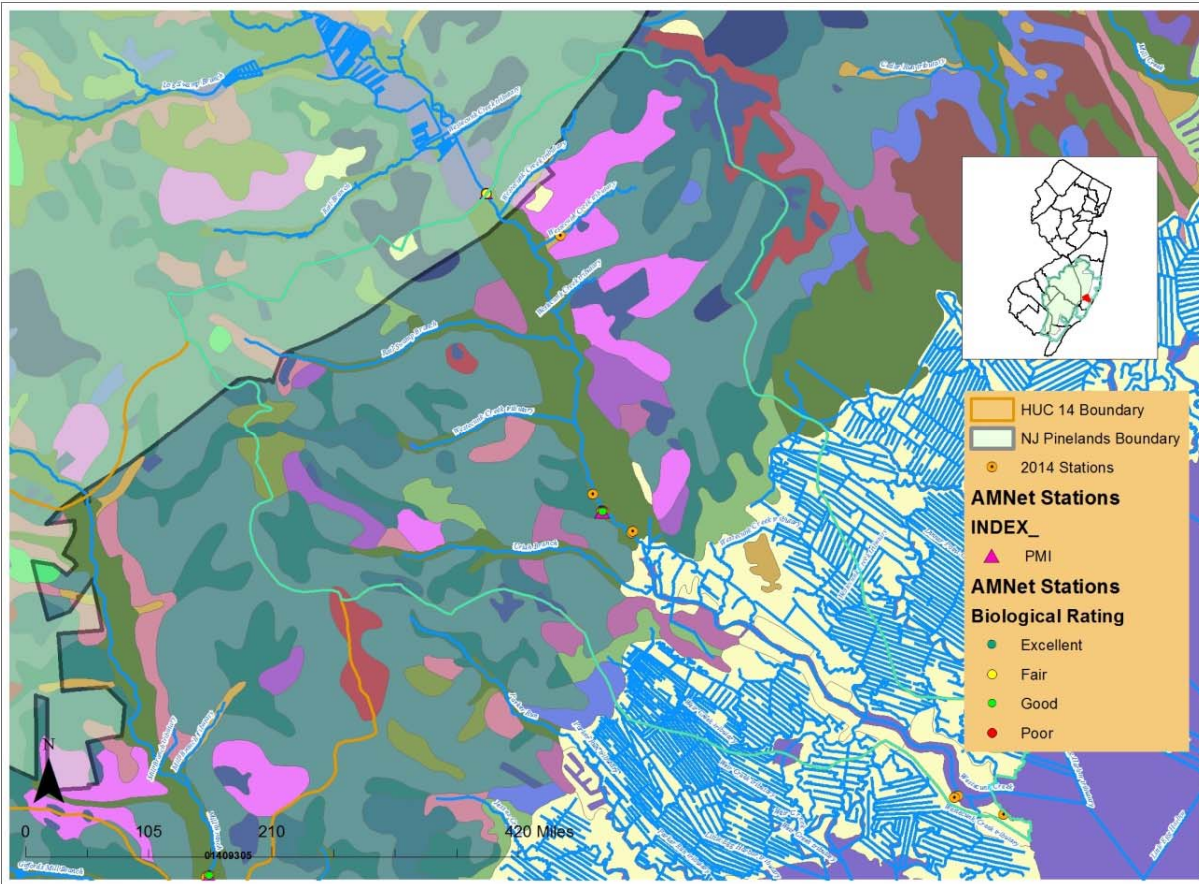
**Geographic Information:** A portion of the AU is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. AMNET Station AN0558 is located within the AU in the upper watershed. The PMI index has been identified as the appropriate index at the AMNET site and the data show no biological impairment. AN0557, located downstream, is below a lake outlet and was not used since the metric is not valid for locations influenced by lakes, therefore is assessed as “insufficient data”.



**Point Sources:** There are no NJPDES point source discharges in this AU.

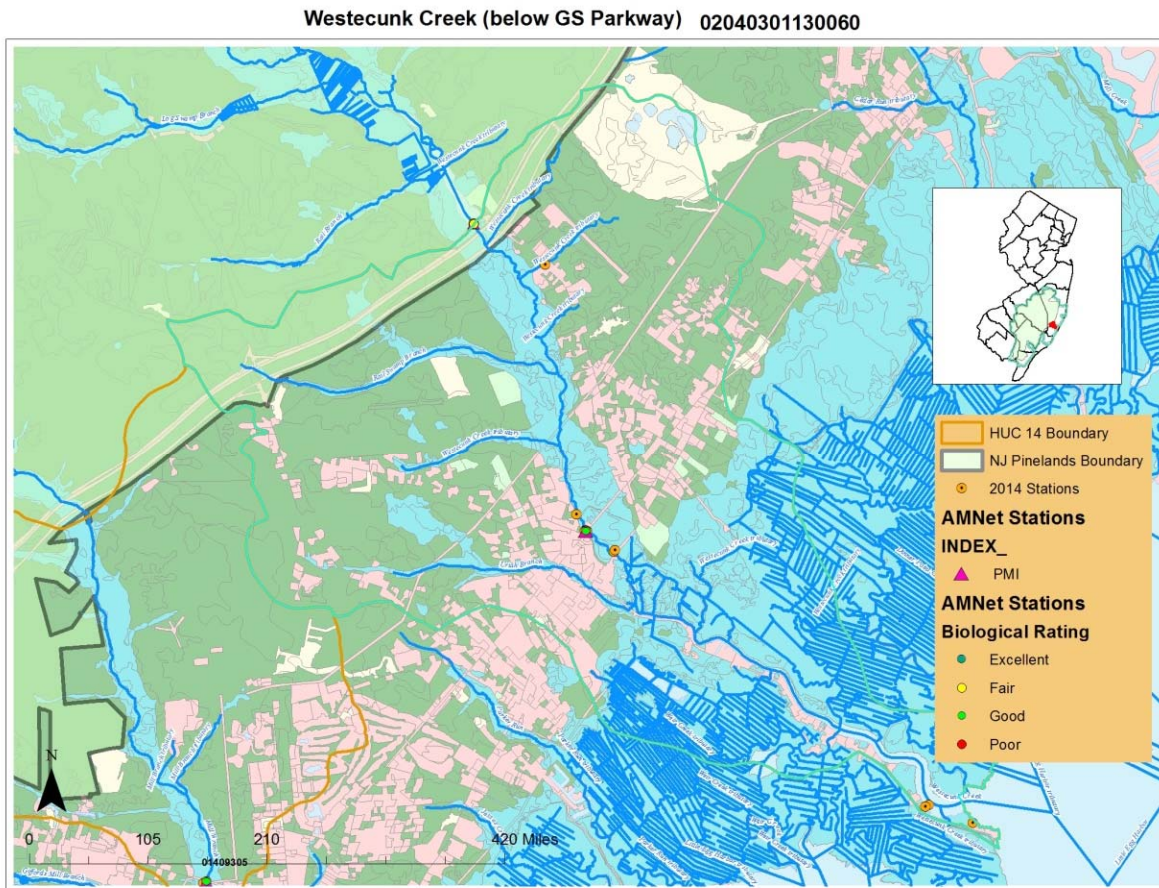
**Soils:** Soil types found at the station locations are Manahawkin Muck( MakAt) and Hammonton Loamy Sand; which are found thorough out the Pinelands region.

Westecunk Creek (below GS Parkway) 02040301130060





**Land Uses:**



**Station Data:** Four out of 70 samples collected at Station BT12 are above the Pinelands criteria threshold for pH but are within the range for the South Jersey pH criteria. Two excursions are within the accuracy of the pH meter.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
BT12	06-Jun-11	FW2-NT	5.55
BT12	23-Jun-11	FW2-NT	5.39
BT12	05-Jul-11	FW2-NT	5.28
BT12	21-Jul-11	FW2-NT	5.44
BT12	08-Aug-11	FW2-NT	5.54
BT12	25-Aug-11	FW2-NT	6.31

BT12	15-Sep-11	FW2-NT	4.86
BT12	26-Sep-11	FW2-NT	5.04
BT12	13-Oct-11	FW2-NT	5.41
BT12	24-Oct-11	FW2-NT	5.26
BT12	14-Nov-11	FW2-NT	5.48
BT12	12-Dec-11	FW2-NT	4.64
BT12	10-Jan-12	FW2-NT	5.73
BT12	26-Jan-12	FW2-NT	5.12
BT12	07-Feb-12	FW2-NT	4.15
BT12	23-Feb-12	FW2-NT	5.31
BT12	06-Mar-12	FW2-NT	5.1
BT12	22-Mar-12	FW2-NT	5.35
BT12	03-Apr-12	FW2-NT	5.64
BT12	10-Apr-12	FW2-NT	5.29
BT12	19-Apr-12	FW2-NT	5.43
BT12	25-Apr-12	FW2-NT	4.44
BT12	08-May-12	FW2-NT	5.35
BT12	17-May-12	FW2-NT	4.54
BT12	23-May-12	FW2-NT	4.46
BT12	29-May-12	FW2-NT	5.12
BT12	05-Jun-12	FW2-NT	5.14
BT12	14-Jun-12	FW2-NT	4.48
BT12	20-Jun-12	FW2-NT	5.32
BT12	25-Jun-12	FW2-NT	4.4
BT12	05-Jul-12	FW2-NT	4.69
BT12	09-Jul-12	FW2-NT	5.16
BT12	16-Jul-12	FW2-NT	5.14
BT12	23-Jul-12	FW2-NT	4.73
BT12	26-Jul-12	FW2-NT	5.09
BT12	06-Aug-12	FW2-NT	4.4
BT12	13-Aug-12	FW2-NT	4.59
BT12	16-Aug-12	FW2-NT	4.42
BT12	28-Aug-12	FW2-NT	4.2
BT12	06-Sep-12	FW2-NT	4.14
BT12	12-Sep-12	FW2-NT	4.56
BT12	17-Sep-12	FW2-NT	4.74
BT12	25-Sep-12	FW2-NT	4.88
BT12	11-Oct-12	FW2-NT	4.45
BT12	22-Oct-12	FW2-NT	5.02
BT12	08-Nov-12	FW2-NT	4.29
BT12	19-Nov-12	FW2-NT	4.41
BT12	06-Dec-12	FW2-NT	4.64

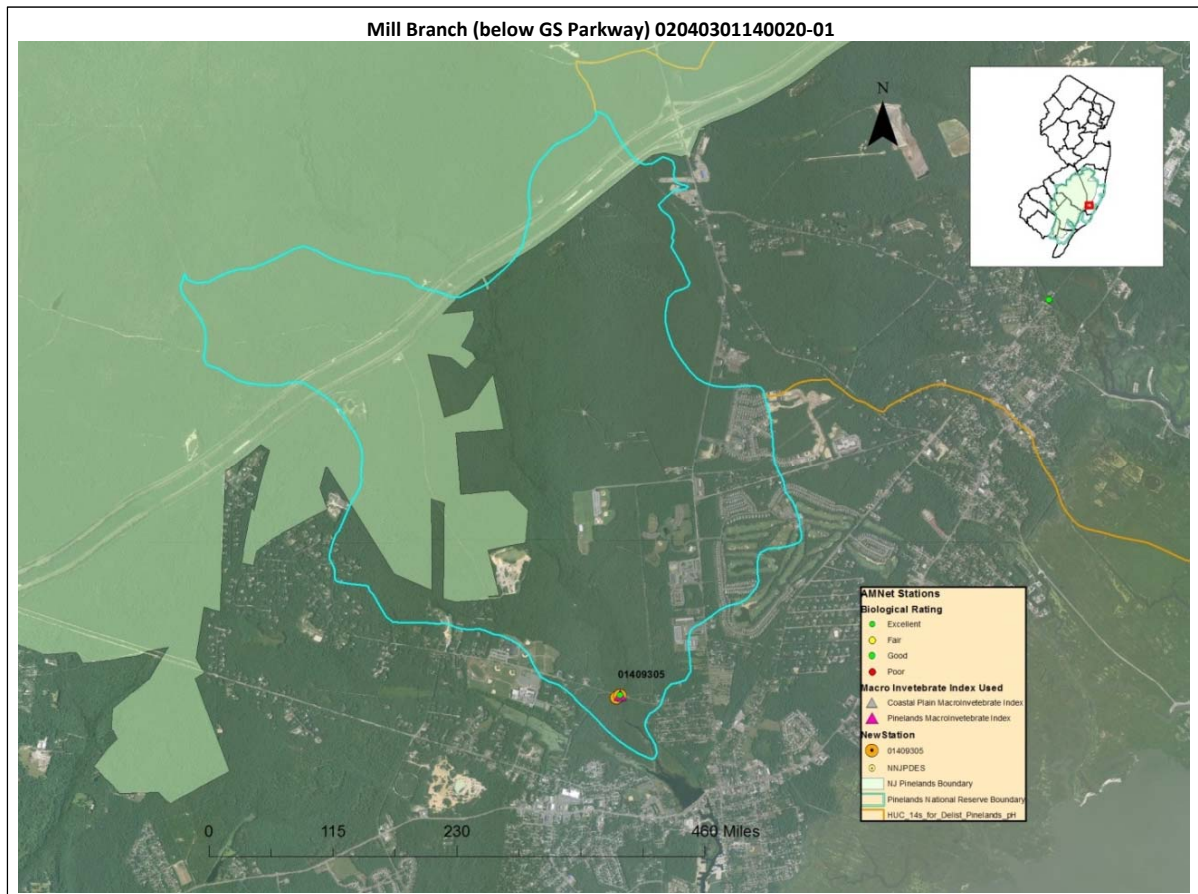
BT12	17-Dec-12	FW2-NT	4.03
BT12	07-Jan-13	FW2-NT	4.65
BT12	29-Jan-13	FW2-NT	4.77
BT12	05-Feb-13	FW2-NT	4.8
BT12	26-Feb-13	FW2-NT	4.84
BT12	05-Mar-13	FW2-NT	4.86
BT12	12-Mar-13	FW2-NT	4.59
BT12	21-Mar-13	FW2-NT	5.85
BT12	27-Mar-13	FW2-NT	4.66
BT12	01-Apr-13	FW2-NT	5.2
BT12	09-Apr-13	FW2-NT	4.64
BT12	18-Apr-13	FW2-NT	4.72
BT12	24-Apr-13	FW2-NT	4.77
BT12	06-May-13	FW2-NT	4.94
BT12	14-May-13	FW2-NT	4.62
BT12	23-May-13	FW2-NT	4.75
BT12	29-May-13	FW2-NT	4.42
BT12	03-Jun-13	FW2-NT	5.11
BT12	10-Jun-13	FW2-NT	4.15
BT12	12-Jun-13	FW2-NT	4.53
BT12	20-Jun-13	FW2-NT	4.35
BT12	26-Jun-13	FW2-NT	4.22

**9. Mill Branch (below GS Parkway)**

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301140020-01	Mill Branch (below GS Parkway)	13	01409305	Mill Br on Nugentown Rd in Nugentown
02040301140020-01	Mill Branch (below GS Parkway)	13	AN0559	Mill Br of Tuckerton Ck
02040301140020-01	Mill Branch (below GS Parkway)	13	AN0559A	Mill Br

**Geographic Information:** A portion of the assessment unit is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. There are two AMNET Stations located in this AU, AN0559 and AN0599A. PMI has been identified as the appropriate index at both AMNET sites and the data show no biological impairment at either station.

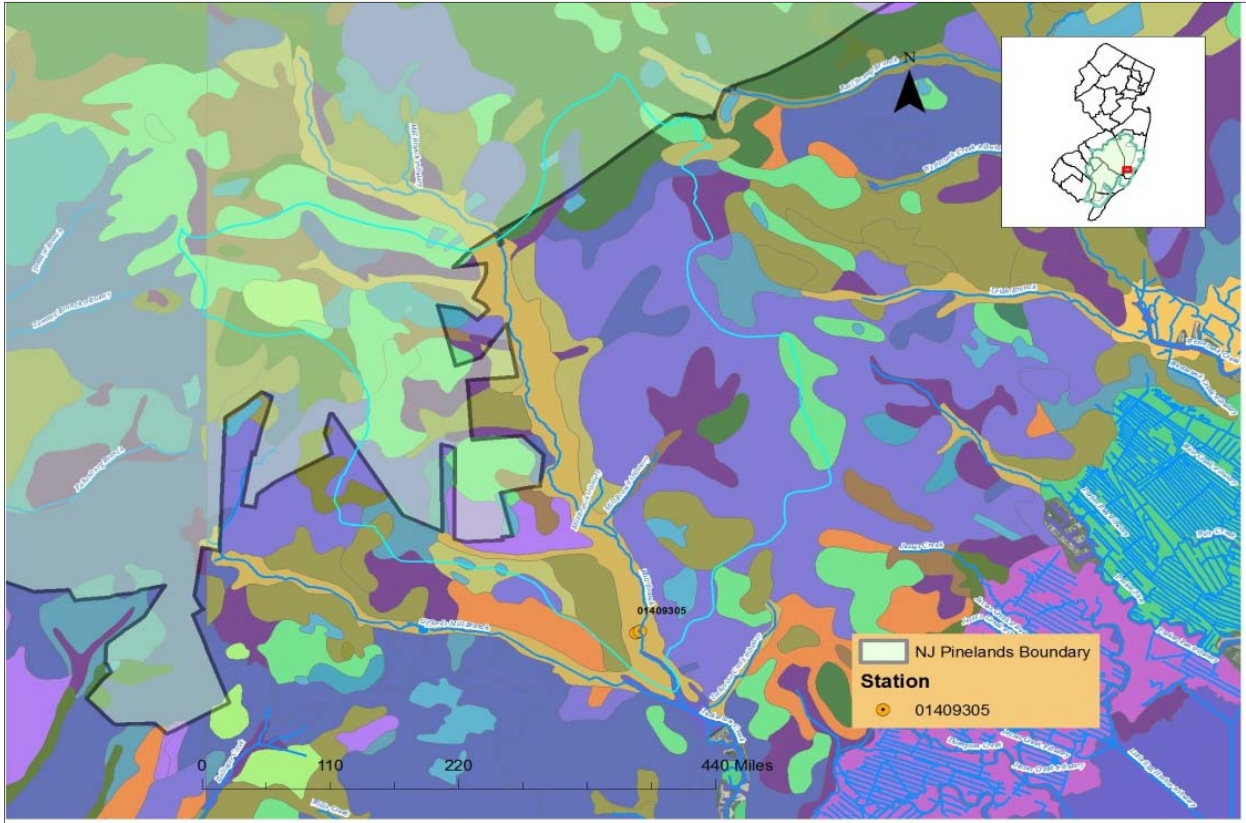


**Point Sources:** There are no NJPDES point source discharges in this AU.

**Soils:**



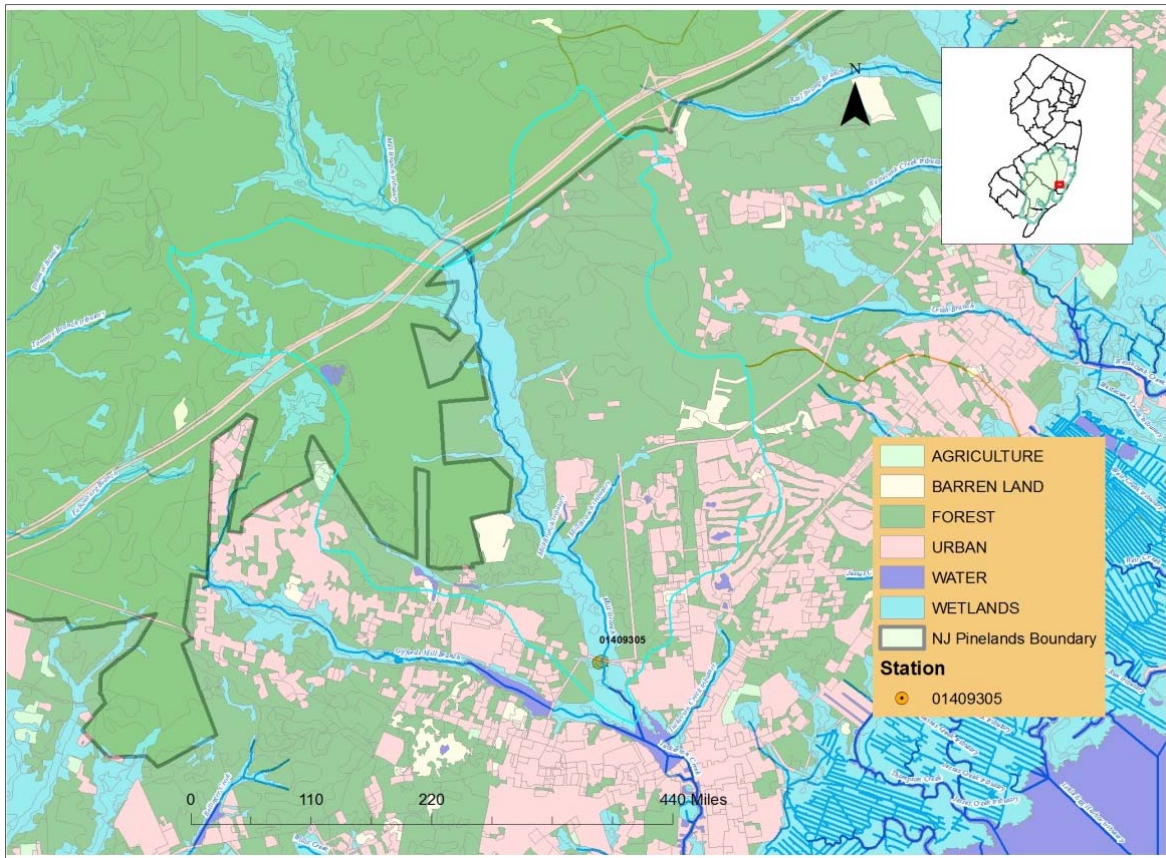
Mill Branch (below GS Parkway) 0102040301140020-01





**Land Uses:**

Mill Branch (below GS Parkway) 0102040301140020-01



**Station Data:** All data at Station 01409305 fall within the Pinelands criteria range for pH.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
01409305	07-Nov-02	FW2-NT	4.4
01409305	06-Feb-03	FW2-NT	4
01409305	13-May-03	FW2-NT	4.4
01409305	31-Jul-03	FW2-NT	4.4
01409305	27-Oct-03	FW2-NT	4.5
01409305	21-Jan-04	FW2-NT	4.6
01409305	19-Apr-04	FW2-NT	4.2
01409305	20-Jul-04	FW2-NT	4.7
01409305	30-Jun-05	FW2-NT	4.6
01409305	30-Aug-05	FW2-NT	5

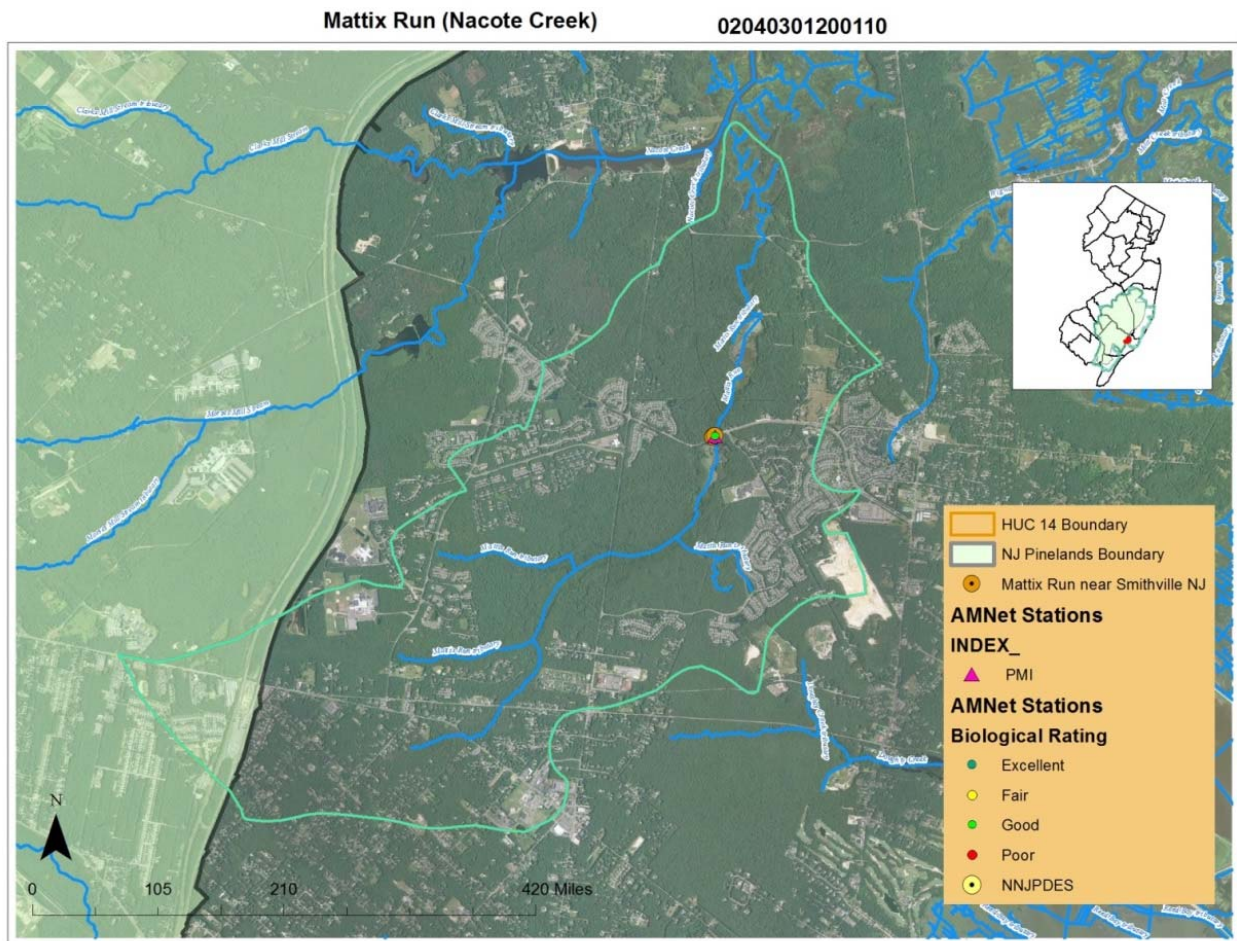
01409305	28-Nov-05	FW2-NT	4.5
01409305	27-Feb-06	FW2-NT	4.7
01409305	23-May-06	FW2-NT	4.46
01409305	22-Aug-06	FW2-NT	6
01409305	30-Oct-06	FW2-NT	4.8
01409305	30-Jan-07	FW2-NT	4.5
01409305	30-Apr-07	FW2-NT	4.35
01409305	12-Jul-07	FW2-NT	4.87
01409305	11-Oct-07	FW2-NT	5.05
01409305	22-Jan-08	FW2-NT	4.54
01409305	14-Apr-08	FW2-NT	4.38
01409305	22-Jul-08	FW2-NT	5.39
01409305	23-Oct-08	FW2-NT	5.15
01409305	15-Jan-09	FW2-NT	4.21
01409305	06-Apr-09	FW2-NT	4.51
01409305	13-Jul-09	FW2-NT	4.64
01409305	27-Oct-09	FW2-NT	4.23
01409305	12-Jan-10	FW2-NT	4.2
01409305	06-Apr-10	FW2-NT	4.2
01409305	21-Sep-10	FW2-NT	4.5
01409305	16-Dec-10	FW2-NT	5.4
01409305	22-Mar-11	FW2-NT	4.19
01409305	21-Jun-11	FW2-NT	4.6
01409305	23-Aug-11	FW2-NT	5.0
01409305	09-Nov-11	FW2-NT	4.98
01409305	15-Mar-12	FW2-NT	4.53
01409305	06-Jun-12	FW2-NT	4.94
01409305	09-Oct-12	FW2-NT	4.79
01409305	20-Mar-13	FW2-NT	4.26
01409305	02-May-13	FW2-NT	4.37

**10. Mattix Run (Nacote Creek)**

**Assessment Unit Information:**

AU Number	AU Name	WMA	Station	Station Name
02040301200110-01	Mattix Run (Nacote Creek)	14	01410230	Mattix Run on Old Port Republic Rd in Galloway Twp
02040301200110-01	Mattix Run (Nacote Creek)	14	AN0615	Mattix Run (Frenches Ditch)

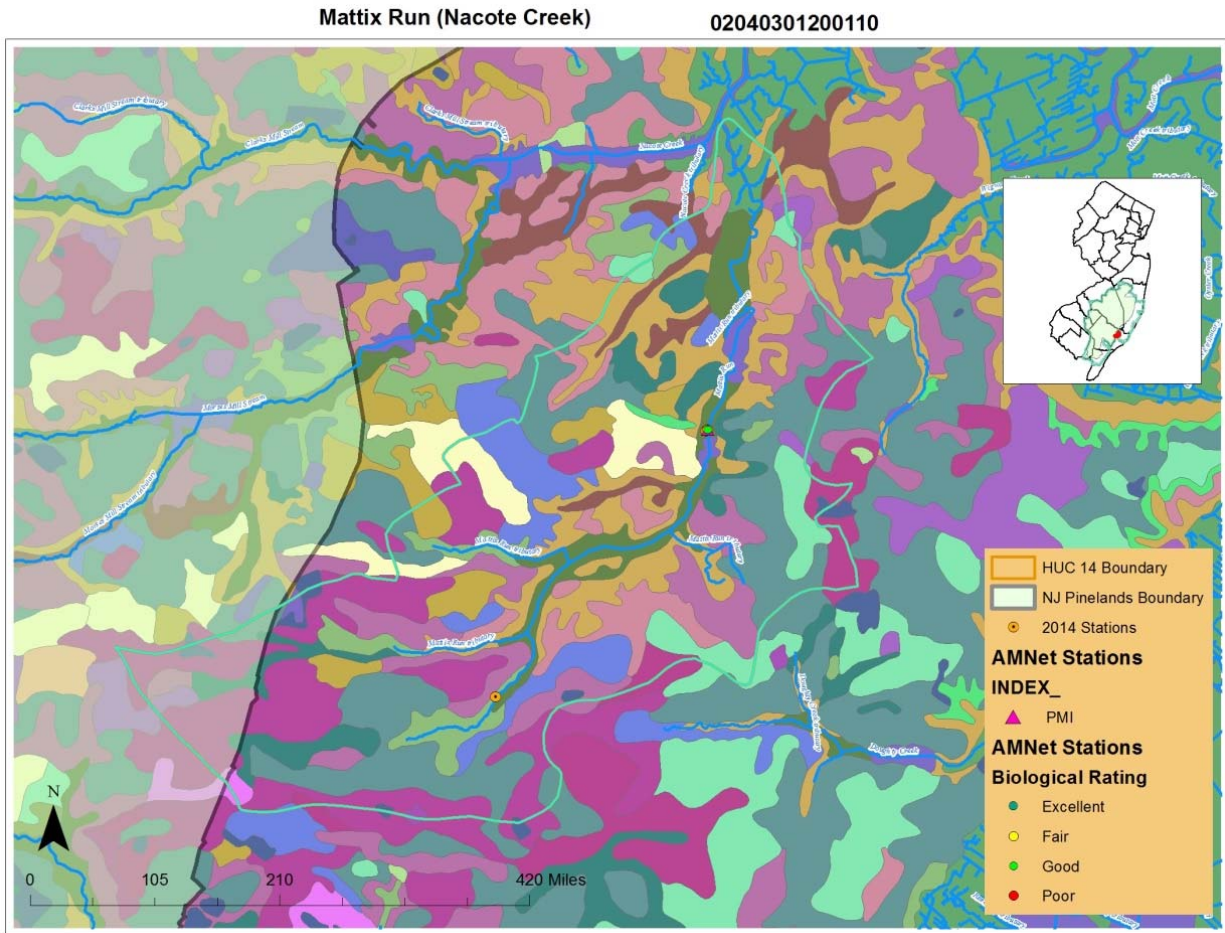
**Geographic Information:** A portion of the assessment unit is located inside the Pinelands boundary. The station of concern is located outside the Pinelands boundary. AMNET Station AN0615 is located in this AU. PMI has been identified as the appropriate index at this AMNET site and data show no biological impairment.



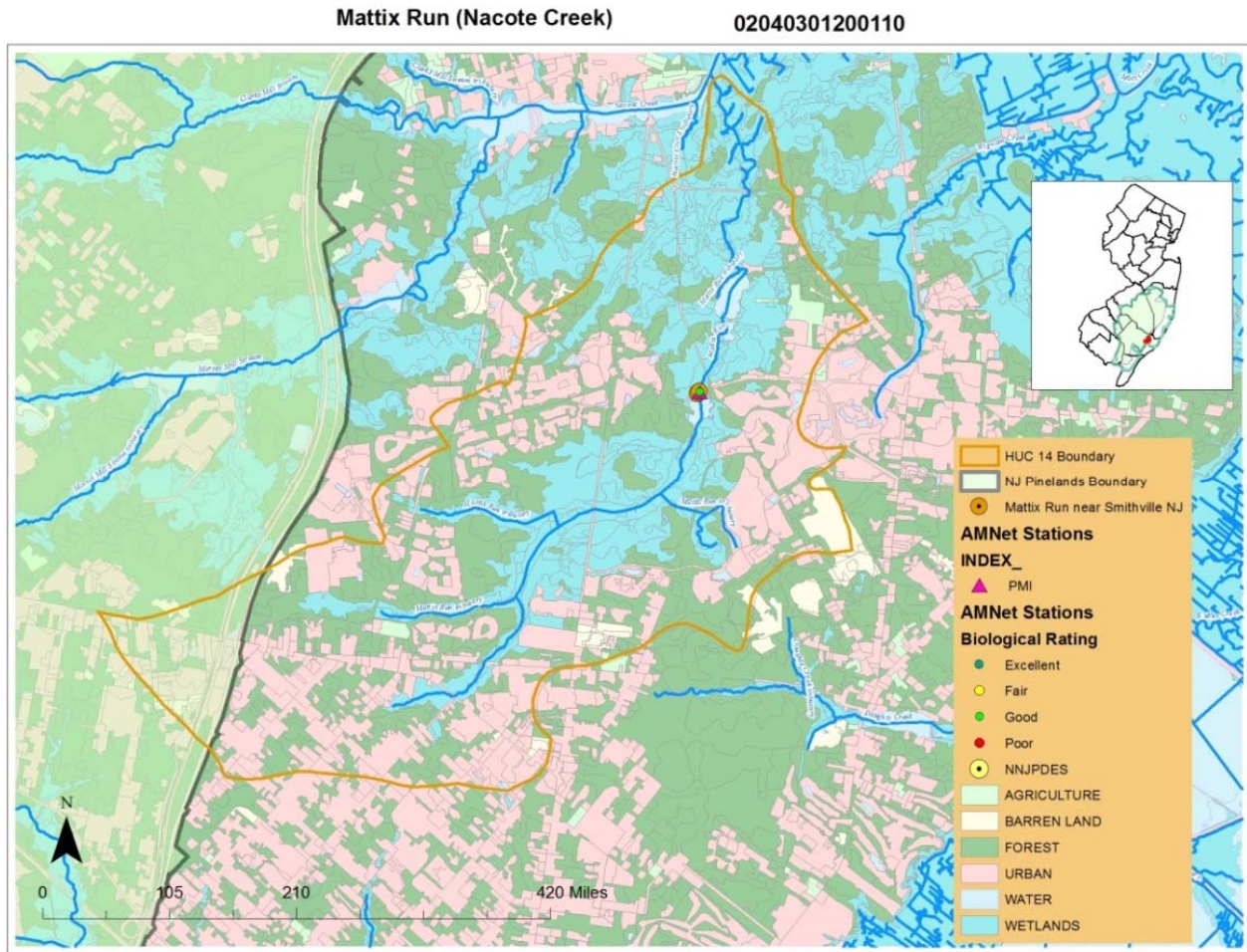
**Point Sources:** There are no NNJPDES discharge points within the watershed.



**Soils:** The soil type found at the station location is Manahawkin Muck( MakAt), which is found throughout the Pinelands region.



**Land Uses:**



**Station Data:** Three out of 34 samples at Station 01410230 fall above the Pinelands criteria threshold but are within the range of the South Jersey pH criteria.

pH Criteria Thresholds	Pinelands Criterion	South Jersey Criterion
pH high	5.5	7.5
pH low	3.5	4.5

Station	Sample Date	Stream Classification	pH Value
01410230	21-Nov-02	FW2-NT	3.97
01410230	10-Mar-03	FW2-NT	4.2
01410230	15-May-03	FW2-NT	4.2
01410230	12-Aug-03	FW2-NT	4.4
01410230	20-Nov-03	FW2-NT	4.3
01410230	19-Feb-04	FW2-NT	4.2
01410230	10-May-04	FW2-NT	4.4

01410230	10-Aug-04	FW2-NT	5
01410230	30-Jun-05	FW2-NT	5.03
01410230	30-Aug-05	FW2-NT	5.4
01410230	28-Nov-05	FW2-NT	4.35
01410230	27-Feb-06	FW2-NT	4.19
01410230	23-May-06	FW2-NT	4.15
01410230	22-Aug-06	FW2-NT	5.68
01410230	30-Oct-06	FW2-NT	4.23
01410230	30-Jan-07	FW2-NT	4.13
01410230	30-Apr-07	FW2-NT	4.1
01410230	12-Jul-07	FW2-NT	5.22
01410230	11-Oct-07	FW2-NT	5.96
01410230	22-Jan-08	FW2-NT	4.09
01410230	14-Apr-08	FW2-NT	4.09
01410230	22-Jul-08	FW2-NT	5.46
01410230	23-Oct-08	FW2-NT	5.67
01410230	15-Jan-09	FW2-NT	4.1
01410230	06-Apr-09	FW2-NT	4.26
01410230	13-Jul-09	FW2-NT	4.71
01410230	27-Oct-09	FW2-NT	4.61
01410230	12-Jan-10	FW2-NT	4.1
01410230	06-Apr-10	FW2-NT	4.58
01410230	21-Sep-10	FW2-NT	5.12
01410230	16-Dec-10	FW2-NT	4.41
01410230	22-Mar-11	FW2-NT	4.17
01410230	21-Jun-11	FW2-NT	4.68
01410230	23-Jun-11	FW2-NT	4.7

Organization	Organization Type	Data Used for 2014 List?	If not, why not?	Waterbody Name	Monitoring Dates	Parameters
AmeriCorps NJ Watershed Ambassadors Program	Volunteer Monitoring Organization	Yes	Benthic metric only used in Atlantic Coastal Region	Statewide	2009-2010	macroinvertebrates
AmeriCorps NJ Watershed Ambassadors Program	Volunteer Monitoring Organization	Yes	n/a	Statewide	2010-2012	Temperature
Brick Township Utilities Authority	Municipal Authority	Yes, except for Thallium data	Thallium data was invalid due to sampling, analysis and/or data entry errors	Metedeconk River Watershed	2008-2012	conventional chemical/physical, toxics, metals
Brick Township Utilities Authority	Municipal Authority	Yes	n/a	Metedeconk River Watershed	2008-2012	Pathogens
Delaware River Basin Commission (DRBC)	Interstate Agency	Yes	n/a	Delaware River Tidal Tributaries	2008-2009	Pathogens
Delaware River Basin Commission (DRBC)	Interstate Agency	Yes	n/a	Delaware River Main Stem and Tidal Tributaries	2008-2012	conventional chemical/physical, toxics, metals
Delaware River Basin Commission (DRBC)	Interstate Agency	Yes	n/a	Delaware River Non-Tidal Tributaries	2009	conventional chemical/physical
Great Swamp Watershed Association	Volunteer Monitoring Organization	Yes	n/a	Loantaka Brook; Great Brook; GS Natl Wildlife Refuge Tributaries	2008-2010	conventional chemical/physical
Interstate Environmental Commission (IEC)	Interstate Agency	Yes	n/a	Hudson River (Upper)	2008-2010	Conventional physical/chemical, pathogens
Monmouth County Health Department	County Government	Yes	n/a	Monmouth County Streams/Beaches in Atlantic Coast, Raritan, Lower Delaware and Northwest water regions	2008-2012	conventional chemical/physical, pathogens
Musconetcong Watershed Association	Volunteer Monitoring Organization	Yes	n/a	Upper Musconetcong River	2009-2010	conventional chemical/physical

Organization	Organization Type	Data Used for 2014 List?	If not, why not?	Waterbody Name	Monitoring Dates	Parameters
National Park Service	Federal Government	Yes	n/a	Passaic River Basin	2008-2009	conventional chemical/physical
New Jersey Harbor Dischargers Group	Municipal Authority	Yes	n/a	New York/New Jersey Harbor and Tidal Tributaries	2008-2011	Pathogens, conventional chemical/physical
NJDEP Bureau of Freshwater and Biological Monitoring	State Government	Yes	n/a	Statewide	2008-2012	metals/conventional chemical/physical/pathogens
NJDEP Bureau of Freshwater and Biological Monitoring	State Government	Yes	n/a	Statewide	2008-2012	diurnal DO, pH, and Temperature
NJDEP Bureau of Freshwater and Biological Monitoring	State Government	Yes	n/a	Statewide	2008-2012	macroinvertebrates
NJDEP Bureau of Freshwater and Biological Monitoring	State Government	Yes	n/a	Statewide	2008-2012	Fish
NJDEP Bureau of Marine Water Monitoring	State Government	Yes	n/a	NJ Ocean and Bay Bathing Beaches, Coastal Waters	2008-2012	pathogens
NJDEP Bureau of Marine Water Monitoring	State Government	Yes	n/a	Ocean Bathing Beaches	2008-2012	Beach Closing
NJDEP Bureau of Marine Water Monitoring	State Government	Yes	n/a	Coastal Waters	2008-2012	conventional chemical/physical
NJDEP Bureau of Marine Water Monitoring	State Government	Yes	n/a	Barnegat Bay/tributaries	2009-2013	diurnal DO and Temperature, Conventional chemical/physical
NJDEP Office of Science	State Government	Yes	n/a	Statewide	2009-2010	fish tissue
NJDEP Office of Science	State Government	Yes	n/a	Barnegat Bay/tributaries	2011-2012	Conventional chemical/physical
NJDEP Volunteer Monitoring Program	Volunteer Monitoring Organization	Yes	n/a	Musconetcong River Watershed	2008-2009	pH, Temperature, DO, Turbidity



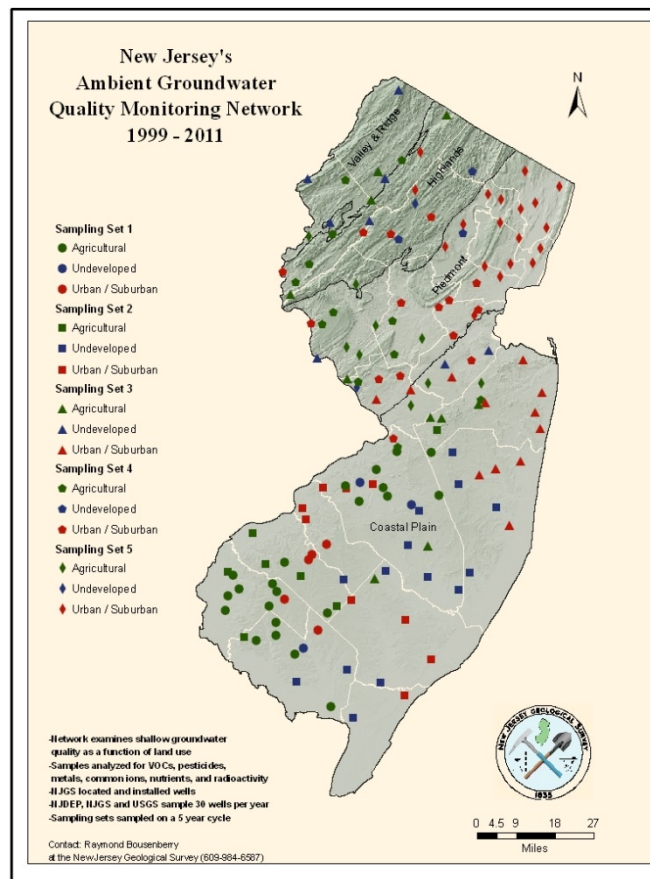
Organization	Organization Type	Data Used for 2014 List?	If not, why not?	Waterbody Name	Monitoring Dates	Parameters
Pequannock River Coalition	Volunteer Monitoring Organization	Yes	Except for stations ABPQ, BKBCH, BMBK, VSLKTB, WBLWWB - no station coordinates provided	Pequannock River and others	2009-2012	diurnal temperature
Pequannock River Coalition	Volunteer Monitoring Organization	No	Not submitted in useful format (all time stamps were zero)	Pequannock River and others	2009-2012	Diurnal dissolved oxygen
Pinelands Commission	Regional Agency	Yes	n/a	Pinelands Waters	2008-2010	pH, Temperature, Specific Conductance
Rutgers Cooperative Extension Water Resource Program	Academic Organization	Yes	n/a	Upper Salem River	2008-2009	conventional chemical/physical
Rutgers Cooperative Extension Water Resource Program	Academic Organization	Yes	n/a	Musconetcong River	2010	Phosphorus
Rutgers Cooperative Extension Water Resource Program	Academic Organization	Yes	n/a	Nichomus Run and Salem River	2008-2009	Pathogens
Rutgers Cooperative Extension Water Resource Program	Academic Organization	Yes	n/a	Nichomus Run and Salem River	2008-2009	Pathogens
Rutgers Cooperative Extension Water Resource Program	Academic Organization	No	Diurnal data submitted to STORET had no time information and data directly submitted did not have station association with hobo units.	Musconetcong and Passaic Rivers	2010	Diurnal Temperature
South Branch Watershed Association	Volunteer Monitoring Organization	Yes	n/a	South Branch Raritan River	2008-2010	macroinvertebrates

Organization	Organization Type	Data Used for 2014 List?	If not, why not?	Waterbody Name	Monitoring Dates	Parameters
Stony Brook-Millstone Watershed Association	Volunteer Monitoring Organization	No	no approved QAPP for this data set	Stony Bk, Millstone R watershed: Duck Pond Run and Heathcote Brook	2008-2012	conventional chemical/physical
Upper Raritan Watershed Association	Volunteer Monitoring Organization	Yes	n/a	Peapack Brook, North Branch Raritan, Rockaway Creek, and respective watersheds	2008-2010	macroinvertebrates
US Environmental Protection Agency (USEPA)	federal government	Yes	n/a	NY Bight	2008-2009	conventional chemical/physical
US Geological Survey (USGS)	federal government	Yes	n/a	Statewide	2008-2012	conventional chemical/physical/diurnal/toxics/metals

## Appendix F: New Jersey's Ambient Ground Water Quality Monitoring Network (1999-2008)

As a companion to its surface water monitoring program, New Jersey has developed and now maintains a cooperative ambient ground-water quality monitoring network with the United States Geological Survey (USGS), consisting of 150 wells screened at the water table. Thirty wells (sampling sets 1 – 5) are sampled annually creating a five-year monitoring cycle. To date two full sampling cycles have been completed (and will be referred to as sampling cycle 1 and sampling cycle 2 in this report). Samples completing the third sampling cycle have been collected, however analyses is pending. The primary goals of the ambient ground water quality monitoring network (AGWQMN) is to characterize shallow ground-water quality as a function of land use and to assess shallow ground-water quality trends.

**Figure 1: Location and Land Uses Associated With Ambient Network Wells**



The water table is the first and most significantly impacted part of the ground-water system. Network wells are screened or open just below the water table and therefore samples from them are generally expected to represent relatively young groundwater. This is the groundwater that interacts with and impacts surface water quality. Wells sites were located using a stratified-random site selection process as outlined by Scott (1990). The final distribution of wells as a

function of land use is 60 in agricultural areas, 60 in urban/suburban areas, and 30 in undeveloped land use areas (see Figure 1).

Land use designations were determined using 1986 and 1995 land use coverage's, 1995 aerial photographs and site visits. Well sites were selected using land use designations and estimations of ground-water flow directions based on the local geologic framework and site-specific topographic relationships. The 1986 and updated 1995 digital land use data categories were interpreted from 1986 and 1995 color infrared aerial photography. Parameters measured include conventional pollutants (pH, turbidity, temperature, DO), nutrients, metals, minerals, VOCs, radioactivity, and pesticides.

### **Geology:**

The state of New Jersey can be separated in 4 geologically unique regions or Physiographic Provinces each with unique rock types, landforms and hydrogeological settings (see Figure 1). These geological variables affect natural ground water quality.

From north to south the regions are:

- 1) The Valley and Ridge: mostly of a thick sequence of Paleozoic sedimentary rocks ranging in age from approximately 390 to 540 million years. Sedimentary rock types include dolomite, limestone, sandstone, shale (often metamorphosed to slate) and siltstone.
- 2) The New England Province (Highlands): ridges of more resistant Middle Proterozoic (~ 940 to 1600 Ma) metamorphosed igneous and sedimentary rocks. These rocks are in fault and unconformable contact with lenses and elongate belts of generally less resistant Paleozoic sedimentary rocks (like 1 above) comprise the valley floors.
- 3) The Piedmont: intersects and it mostly underlain by the Newark Basin, which is mainly comprised of lower Mesozoic aged (~230 to 190 Ma) red, gray and black (organic rich) shale and sandstone that are inter-layered with basic igneous intrusions.
- 4) The Coastal Plain (Southern New Jersey): a southeasterly dipping and thickening wedge of stratified unconsolidated sand, silt, clay and gravel sediments that vary in age from Cretaceous ~ 144-66 million years ago (Ma) to Tertiary (~ 1.6 Ma). Three glaciations have occurred within the last 2 million years. North of the maximum extent of the last glaciation (~ 20,000 years ago), the landscape is draped by unstratified and stratified unconsolidated glacial materials of various thicknesses.

### **Ground Water Quality:**

Ground water is mainly recharged by precipitation that percolates downward through the unsaturated zone into the zone of saturation. Ground-water quality is a reflection of: 1) the starting composition of precipitation; 2) the solubility and composition of the materials that the precipitation comes in contact with on the land surface, in the unsaturated zone and in the saturated zone; and 3) the duration of that contact. Natural geologic materials impart a geochemical character to the water contacting it that is unique to those materials. Anthropogenic

contaminants or pollutants in the form of dissolved gases, chemical constituents and possibly colloids and other particles can impact ground-water quality.

Sources of groundwater pollution can be separated into two general types: 1) point source pollution and 2) nonpoint source pollution. Point sources of pollution can be tracked back to a single identifiable source, such as a chemical spill, leaking underground storage tank or an infiltration lagoon. In the AGWQMN, efforts were made to select wells that are not impacted by pollutants from known point sources.

Nonpoint source pollution is from diffuse sources that do not have a single identifiable point of origin. This type of pollution can adversely affect the quality of water in the hydrologic cycle over large areas. For example, the release of emissions to the atmosphere from the burning of fossil fuels, such as sulfur that produces acid rain, can alter the quality of precipitation that can in turn have a regional impact on surface and ground water quality. In addition, once precipitation contacts the land surface it can be further altered by dissolving nonpoint source pollutants associated with agricultural and urban land use activities; thereby impacting water quality on a regional scale.

Data summaries of samples collected and analyzed from the 150 AGWQMN wells between 1999 and 2008 are presented and discussed below. Samples from these wells were collected by the Department of Environmental Protection's (Department's) Bureau of Fresh Water and Biological Monitoring, New Jersey Geological and Water Survey (NJGWS) and USGS' New Jersey Water Science Center, and analyzed at the USGS National Water Quality Laboratories in Denver, Colorado. VOCs and pesticides were analyzed using USGS methods O-3127-94 (Rose and Schroeder, 1995) and O-4127-96 (Zaugg and others, 1995), respectively. Data for water years 1999 to 2008 are reported in their respective USGS Water Resources Data Reports for New Jersey (DeLuca and others, 2000 – 2009) and can be obtained through NJGWS.

AGWQMN wells in undeveloped areas yield groundwater with a more natural quality than those in agricultural and urban areas and therefore provide a reference for water quality that is little affected by man's activities. Shallow ground-water chemistry in undeveloped areas in the Coastal Plain (southern New Jersey) is different from that in the northern portion of NJ that is underlain by bedrock (northern New Jersey). For example, the median pH and total dissolved concentration (TDS) is lower in southern than northern New Jersey (see Table 1). Minerals comprising the northern aquifers are generally more reactive than those in the south because they are more soluble. For example, many of the northern aquifers contain the soluble mineral calcite ( $\text{CaCO}_3$ ) that imparts alkalinity to groundwater upon dissolution. That reaction yields circum-neutral pH waters with Ca and bicarbonate as major ions. The quartz rich less-reactive sands in southern New Jersey are generally devoid of highly soluble minerals yielding little if any alkalinity and groundwater is more dilute and acidic, similar to the rainwater that recharged it. Because the natural shallow ground-water quality is clearly different in the Coastal Plain in southern New Jersey than in the Physiographic Provinces to the north, the data in this report are separated into northern and southern.

### Water Quality Parameters:

The water quality parameters or constituents such as temperature, dissolved oxygen, pH, and total dissolved solid (TDS) concentration values yield information about the general character of shallow groundwater as a function of geology and land use (Table 1). Lower pH and TDS values in the south reflect the difference in geologic makeup. In addition, it is generally cooler in northern New Jersey, which is reflected in the cooler shallow ground-water temperatures relative to the south. The lower dissolved oxygen concentration in urban areas in both the north and south, may result from the large percentage of heat absorbing impervious surface area and resulting poorer exchange with atmospheric oxygen, and the higher surface temperature effects the density of air.

Increased total dissolved solids concentrations in agricultural and urban areas are due to the road salt and agrochemical applications. Many wells in agricultural land use areas are also near roads and therefore their water quality can also be impacted by road salt.

**Table 1: Ground-water Characteristics and Constituents**

Characteristic or Constituent	Agricultural			Urban			Undeveloped		
	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.
			<b>Northern</b>	<b>New</b>	<b>Jersey</b>	<b>Cycle</b>	<b>One</b>		
Temp. °C	10.3	13.3	23	6.8	12.8	18.3	10	12	13.9
DO mg/L	0.2	4.3	11	0.2	2.9	6.9	0.6	4.2	6.7
pH	6.5	7.4	8.1	5.2	6.95	8.4	5.8	7	8.1
TDS mg/L	22	119	387	208	550	2200	167	269	938
			<b>Northern</b>	<b>New</b>	<b>Jersey</b>	<b>Cycle</b>	<b>Two</b>		
Temp. °C	9.9	13	15.9	9.1	13.9	23.4	9.2	11.7	14.2
DO mg/L	0.2	3.6	10.7	0	2.9	6.7	0.9	6.2	8
pH	6.1	7.3	7.9	5.2	6.9	7.7	5	7.05	8.5
TDS mg/L	129	242	1270	149	480	3530	23	106	549
			<b>Southern</b>	<b>New</b>	<b>Jersey</b>	<b>Cycle</b>	<b>One</b>		
Temp. °C	12	15.5	22.5	15.5	17.3	29	12	14.5	18
DO mg/L	<0.3	5.4	10.5	<0.2	2.1	8.8	<0.2	4.6	9.3
pH	4	5	7.91	3.8	4.6	6.7	3.7	4.6	5.9
TDS mg/L	59	214	690	57	136.5	455	15	25.5	82
			<b>Southern</b>	<b>New</b>	<b>Jersey</b>	<b>Cycle</b>	<b>Two</b>		
Temp. °C	11.1	14.8	19.9	12.2	14.9	21.8	8.5	12.7	15.3
DO mg/L	0.2	3.5	11.2	0.2	3.1	9.1	0.4	5.1	9.1
pH	3.8	4.8	7.9	3.6	4.9	8.1	4.1	4.5	5.8
TDS mg/L	45	208	2040	40	221	2310	16	27	147

### Trace elements

The trace elements (metals) shown consists of those that have at least one concentration that exceeded the New Jersey Ground Water Standard. Arsenic detection and concentrations in

northern NJ are mostly natural in origin with the number of detections that exceed the NJ Ground Water Standard dropping between sampling cycles. The one well that exceeded the arsenic standard in undeveloped land use during the second sampling cycle had concentration of 3.4  $\mu\text{g/L}$ , which is just above the NJ Ground Water Standard of 3  $\mu\text{g/L}$ . Iron and manganese detections and concentrations have a strong urban association and possibly a weak agricultural association. The reducing conditions found in the agricultural and urban land use areas, indicated by the lower dissolved oxygen concentrations found in these land use areas, are conducive to iron and manganese mobility. The decrease in the frequency of detection of manganese exceeding the ground-water standard in the undeveloped land use in northern New Jersey can be attributed to the increase in dissolved oxygen concentrations observed in the undeveloped land use areas. In urban and agricultural land use the pH levels remained fairly consistent between sampling cycles, and cannot be used to explain the decrease in manganese concentrations. A decrease in the use of agrochemicals and/or lawn fertilizers could possibly explain the decrease in manganese concentrations that exceed the ground-water standard. Iron concentrations remained consistent between sampling cycles.

In the coastal plain of New Jersey (southern NJ), iron and aluminum are most likely natural in origin. As observed in northern NJ manganese has an urban and agricultural land use association. Acidic and reducing ground-water conditions will mobilize the iron, aluminum and manganese. The decrease in the number of wells with concentrations of iron and aluminum in urban land use area that exceeded the ground-water standard could be attributed to the increase in dissolved oxygen concentrations observed in those wells. The decrease in iron and manganese concentrations between sampling cycles that exceed the standard in undeveloped and agricultural land use areas cannot be attributed to a change in pH values which have remained consistent. The decrease could be attributed to natural fluctuation of concentrations, especially in those wells where the concentrations have been observed in sampling cycle 1 to be just below or above the standard. The increase in aluminum detections above the standard in agricultural land use in the second sampling cycle could be attributed to a drop in dissolved oxygen concentrations observed in these areas. The increase of manganese detections in urban land use could possibly be explained by an increase in lawn chemicals that could mobilize the manganese. One undeveloped well in the second round of sampling had an arsenic concentration that exceeded the ground water standard of 3 $\mu\text{g/L}$ . Its concentration was 3.3  $\mu\text{g/L}$ , which is just above the standard, and may be attributed to a high degree of iron-oxide dissolution. During the second sampling cycle the same two urban wells from the first sampling cycle were observed to have arsenic concentrations that exceeded the ground-water standard. However, their concentrations decreased from 112 $\mu\text{g/L}$  and 42 $\mu\text{g/L}$  to 108  $\mu\text{g/L}$  and 21.9 $\mu\text{g/L}$  respectively. The ultimate source of this arsenic is unknown. Fertilizers, agrochemicals, and lawn care products could be the source or mobilization agent for the beryllium, cadmium, lead, and nickel observed in the coastal plain.

### Nutrients

Nutrient concentrations are dominated by nitrate and the frequency and concentration by land use in both northern and southern New Jersey are: agricultural > urban > undeveloped (Figure 2). The use of nitrogen-based fertilizers in agricultural and urban areas and possibly septic system and sewer system leakage in urban areas are considered the major sources. Median concentrations remained the same in undeveloped land use areas, while urban land use showed a



slight increase State wide between sampling cycles. In southern NJ agricultural land use median concentration showed an increase, while in northern NJ a decrease was observed in the median concentration. The number of wells that exceed the NJ Ground Water Standard for nitrite plus nitrate decreased between sampling cycles. During the first sampling cycle no sample had an orthophosphate concentration greater than 0.2 mg/L, in the second sampling cycle the maximum orthophosphate concentration observed was 0.791 mg/L in an urban well located in northern NJ.

#### VOCs (35 compounds analyzed)

The data collected and analyzed for in sampling cycle 2 confirms the observations from sampling cycle 1, that the frequency of VOC detection is a function of land use in northern NJ. The greatest number of wells with VOC detections was in urban and agricultural land use areas (Figure 3). Between sampling cycles 1 and 2 in northern NJ, the frequency of detection decreased in urban and undeveloped land use areas, while agricultural land use remained constant at 3 wells. In southern NJ, agricultural and undeveloped land use showed a decrease in frequency of detection. It should be noted that 11 out of 19 undeveloped wells in southern NJ had detections for chloroform (trichloromethane). If you remove the chloroform data, the frequency of detection in undeveloped land use areas drops dramatically. The presence of chloroform in the undeveloped wells can be attributed to atmospheric deposition, septic systems, leaking sewers and chlorinated drinking water being used to water lawns, gardens and to fill up swimming pools. In agricultural land use in southern NJ, the number of wells with VOC detections remained the same at 17 wells between sampling cycles. The variety of VOC compounds detected decreased between sampling cycles. Northern NJ had a decrease from 20 individual compounds in sampling cycle 1 to 10 compounds in sampling cycle 2. While in southern NJ, 16 individual compounds were detected in sampling cycle 2 as compared to 28 compounds in sampling cycle 1.

Methyl tertiary-butyl ether (MTBE), an additive in gasoline, showed a steep decline in the frequency of detection, especially in northern NJ (Figure 4). During the first round of sampling 50% of the urban wells, 14% of agricultural wells, and 9% of the wells in undeveloped land use had detections for MTBE. In sampling cycle 2 there were no detections for MTBE in urban and undeveloped land use. While in agricultural land use the frequency of detection dropped from 3 wells to 1 well. In southern NJ, urban and undeveloped land use both showed a decrease in the frequency of MTBE, while agricultural land use wells during sampling cycle 1 had a frequency of detection of 13% that increased to 15% in sampling cycle 2. This was an increase from 5 to 6 wells with MTBE detection. In the undeveloped wells the frequency decreased from 6% to 0% and in urban land use the frequency dropped from 43% to 30%. The decrease in detections of MTBE can be attributed to a ban on using MTBE in the State of New Jersey. Southern NJ has more detections of MTBE than northern NJ most likely due to atmospheric deposition, since the predominant wind patterns are from the north-west.

#### Pesticides

The frequency of pesticide detection State wide during the second sampling cycle was agricultural (71%) > urban (47%) > undeveloped (10% (5% when normalized to 60 wells)) (Figure 5). In southern NJ a decrease in the frequency of detection was observed while in northern NJ an increase was observed in all land uses between sampling cycles. The increase in northern NJ can be attributed to the changing of the pesticide compound list. The new parameter



list contains more metabolite compounds that were previously analyzed for. The concentration of pesticides is low in all land use categories in both sampling cycles and in all land uses. Atrazine, Deethylatrazine, Metolachlor, Prometon and Simazine were the most frequently detected compounds in both sampling cycles. They are all herbicides used to control grasses and broadleaf plants, except for Deethylatrazine which is the major metabolite of Atrazine. The variety of pesticides decreased in southern NJ between sampling cycles, but increased in northern NJ. This increase again can be attributed to the new pesticide parameter schedule.

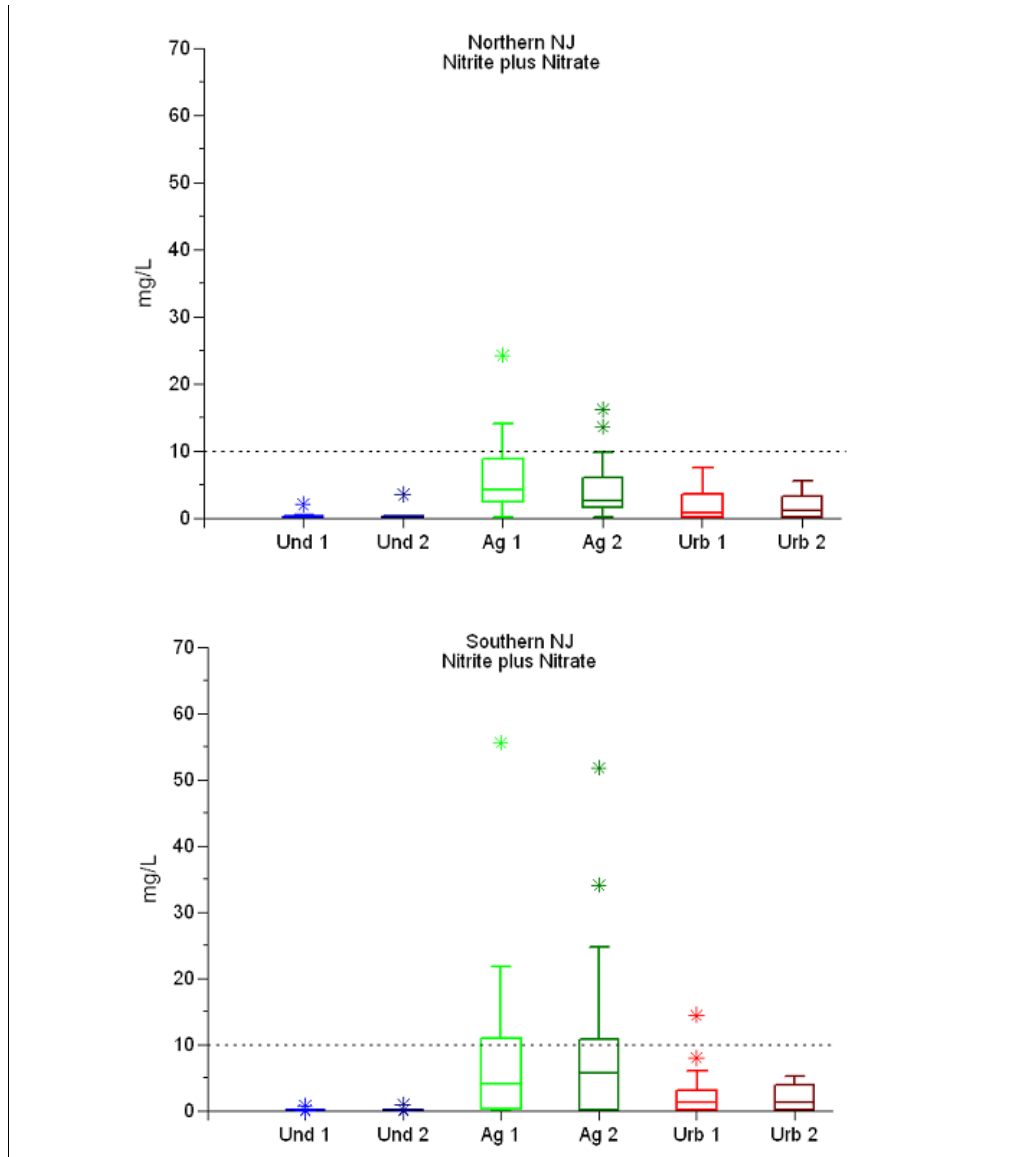
#### Radionuclides

Gross alpha particle activity was analyzed within 48 hours after sample collection. This ensures that the radioactive decay of short-lived radium-224 (half-life of 3.64 days) is measured along with the other alpha emitters. The Federal and New Jersey drinking water standard of 15 pCi/L gross alpha particle activity still applies even though the shorter holding time results in increased activity if significant radium-224 is present. Generally, higher activity is found in southern versus northern New Jersey in all land use settings in sampling cycle 1 and cycle 2 (Figure 6). This is most likely due to the greater abundance of radium-224 in southern New Jersey and the low pH of the ground water, which would increase its mobility. In both the north and the south, and in both sampling cycles, the highest activity is associated with agricultural and urban land use areas. The application of agricultural and lawn chemical products can compete with naturally occurring radium for adsorption sites thereby mobilizing more of it than normal into the ground-water system.

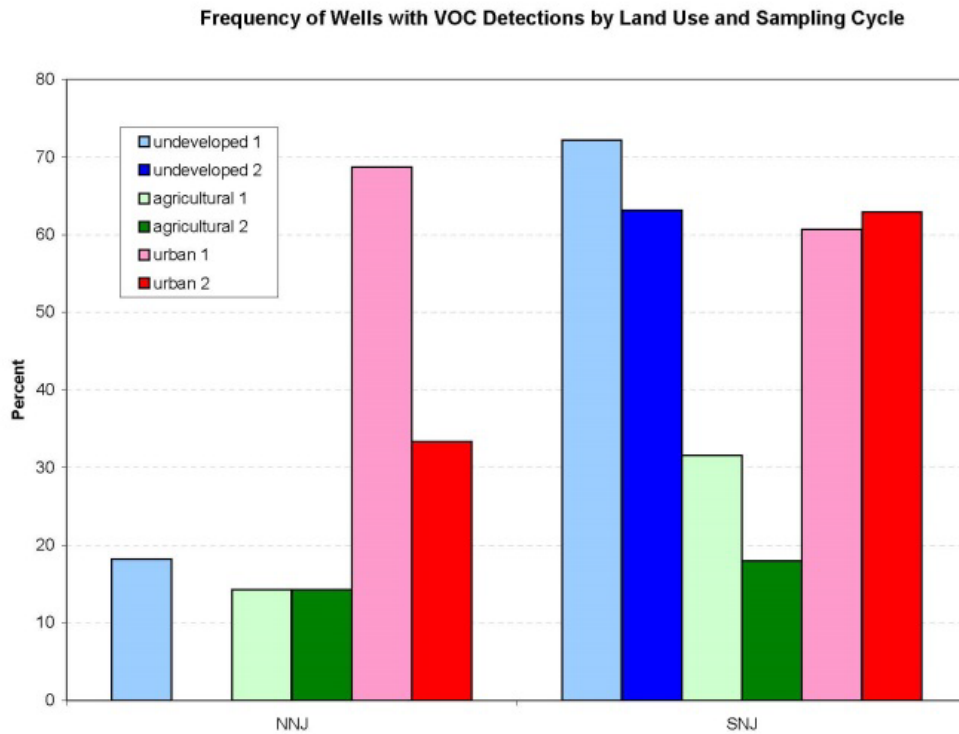
#### **Conclusion**

In both sampling cycles, in agricultural and urban land uses, total dissolved solids concentrations, as well as the concentration, frequency, and variety of major ions, trace elements, nutrients, volatile organic compounds, and pesticides are found at higher levels than in wells located in undeveloped areas. While nitrite plus nitrate median concentrations fluctuated slightly in urban and agricultural land uses between sampling cycles, the concentrations were still higher than those in undeveloped land use with the highest concentration and frequency of detection being in agricultural land use. The frequency of wells that exceed the nitrite plus nitrate NJ Ground Water Standard decreased between sampling cycles State wide. A decrease in the variety and frequency of pesticides was detected in southern NJ, while in northern NJ an increase in the variety and frequency of pesticides detected was observed. The increase in pesticide variety and frequency in northern NJ can be attributed to a switch in the pesticide schedule which includes more compounds and metabolites. Pesticide concentrations were relatively the same between sampling cycles. Atrazine, deethylatrazine, metolachlor, prometon, and simazine were the most frequently detected pesticides in both northern and southern NJ in both sampling cycles. The variety and frequency of VOCs detected in southern and northern NJ decreased between sampling periods, while the concentrations remained fairly consistent. MTBE (methyl tertiary-butyl ether) showed the steepest decline in the frequency of detection state wide. The increase in radioactivity in southern NJ agricultural and urban land uses, and agricultural land use in northern NJ between sampling cycles is most likely due to the use of agrochemicals and lawn chemicals. While there seems to be some positive trends between sampling cycles, in both northern and southern NJ, two sampling points is not enough to state these observations are in fact trends.

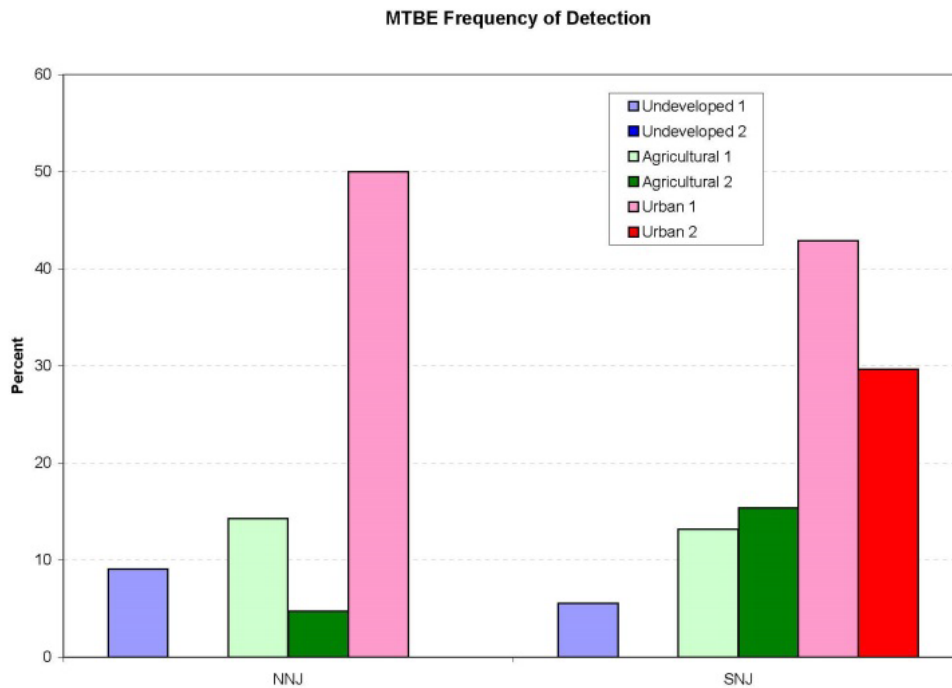
Figure 2: Nitrite plus Nitrate Concentrations



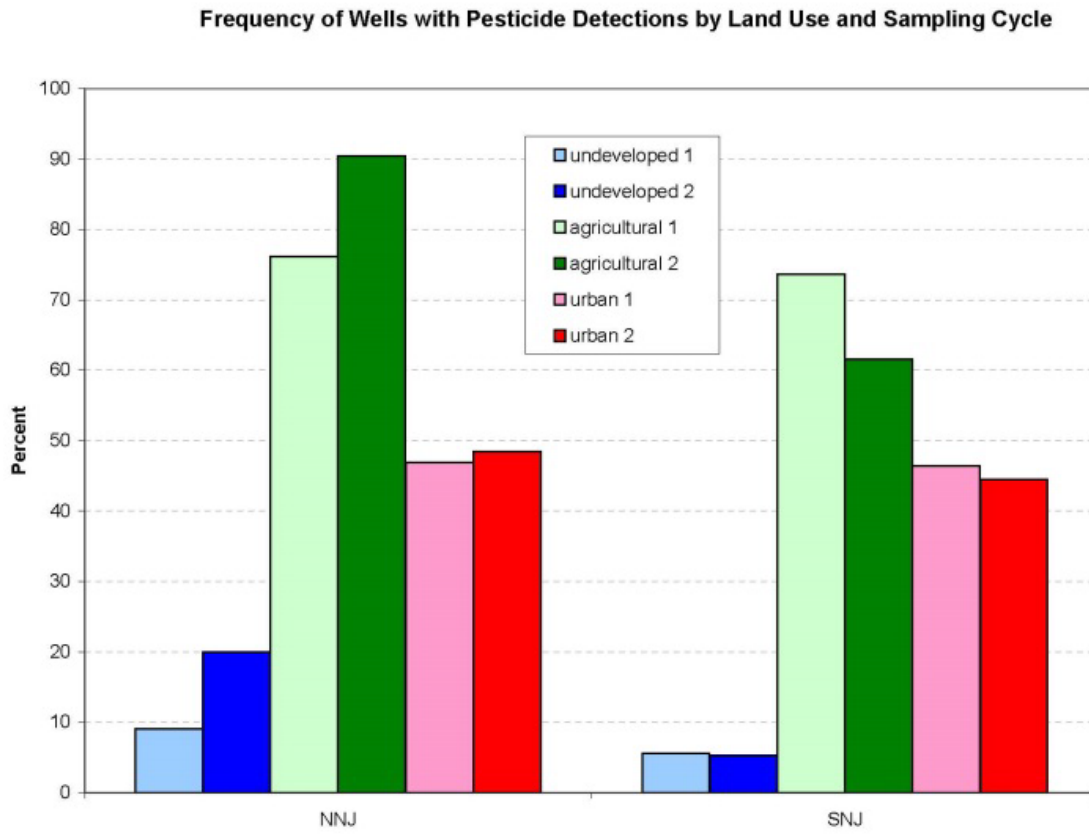
**Figure 3: Frequency of VOC Detections**



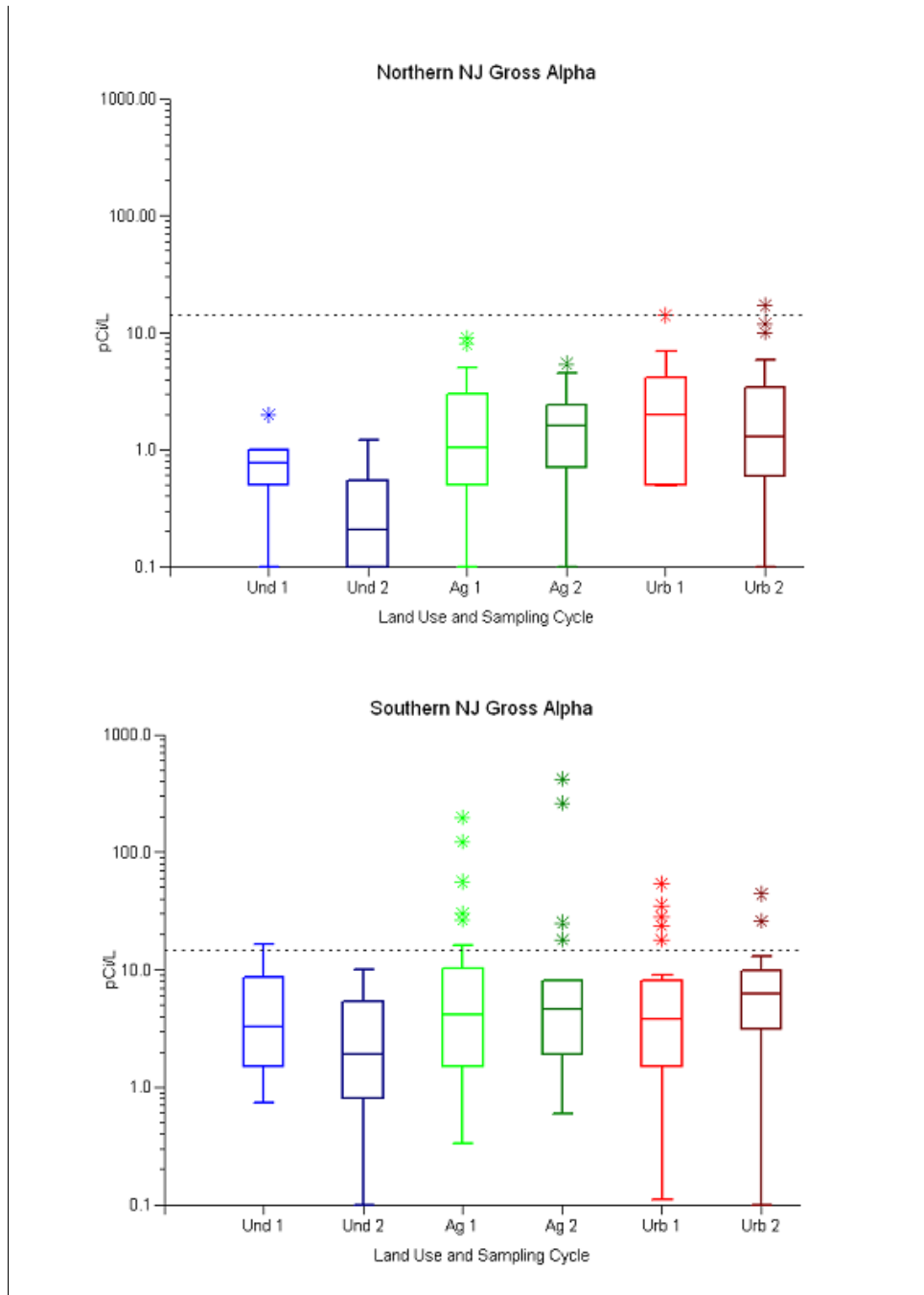
**Figure 4: Frequency of MTBE Detection**



**Figure 5: Frequency of Pesticide Detections**



**Figure 6: Radionuclide Concentrations**



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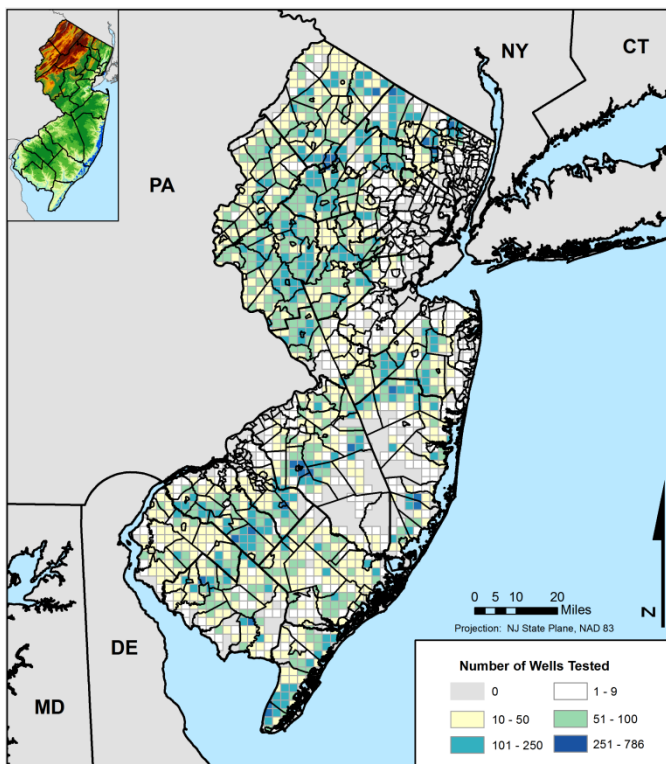
## Appendix F: Private Well Testing Act Results

Approximately 400,000 private wells (about 13 percent of New Jersey residents) are used for drinking water in New Jersey. There are no federal regulations regarding the quality of private wells and, before the Private Well Testing Act (PWTA) was passed in 2001, state regulations focused on well construction. Since September 2002, testing of private wells for a list of contaminants has been required when the property is sold or leased. All samples are raw water samples taken before any treatment. Statewide, wells are required to be tested for bacteria (total coliform), nitrates, 26 volatile organic compounds, and lead, along with three secondary parameters; pH, iron, and manganese. Other parameters, including mercury, arsenic, and radium (gross alpha) are only required in certain counties.

The following is a summary of the Department's assessment of private well data compared with the federal and state drinking water standards for potable supplies. This analysis shows that naturally-occurring contaminants (i.e., arsenic, gross alpha particle counts, manganese, and iron) most frequently exceeded drinking water primary/secondary standards in private wells, followed by contaminants (i.e., nitrates) entering ground water via nonpoint sources of pollution. Contaminants associated with point sources of pollution (i.e., VOCs and mercury) were the least frequently found in concentrations above drinking water maximum contaminant levels (MCLs). A maximum contaminant level (MCL) is the maximum concentration of a contaminant that is allowed in drinking water. The distribution of wells tested statewide is displayed in Figure F.1.

**Fecal Indicator Bacteria:** Over 106,000 wells have been tested or retested for the presence of a group of bacteria called total coliform (TC). When TC is detected in a private well it is further tested for fecal coliform (FC) or *E. coli* (EC) bacteria. The presence of either FC or EC bacteria is strong evidence that a well has been contaminated with fecal wastes, which can come from a variety of human (septic tanks, leaking sewer lines) or animal (surface water infiltration) sources. FC or EC were detected in 2.1 percent (2,203) of the sampled or resampled wells. Table 3.2 shows the breakdown of the number and percent of wells in which either FC or EC were detected, by physiographic provinces. The Coastal Plain had the lowest percentage of wells in which FC or EC was detected. This may be because the sand and clay layers of the Coastal Plain

Figure F.1: Private Wells Tested Statewide





protect wells from fecal contamination better than the sedimentary, igneous, or metamorphic rocks that comprise the three bedrock provinces in the north.

**Table 3.2: Number and Percentage of Total Coliform-Positive Wells With Fecal Coliform or *E. coli* Detected**

Province	No. of Wells	No. FC- or EC-positive	Percent
Valley and Ridge	7,625	333	4.4
Highlands	23,821	638	2.7
Piedmont	20,912	757	3.6
Coastal Plain	53,894	475	0.9
Totals	106,252	2,203	2.1

**Nitrate:** Nitrate and its reduced form, nitrite, are found in ground water due to natural deposition, runoff from fertilizer use or manure, leaching from septic tanks, and leakage from sewer lines. The drinking water maximum contaminant level (MCL) for nitrate is 10 milligrams per liter (mg/l). Table 3.3 shows a breakdown of the number and percent of 86,767 unique wells sampled that exhibited levels of the nitrate above the MCL, by physiographic province. Of the private wells sampled, 2.7 percent (2,375 wells) contained nitrate levels above the drinking water MCL. The Coastal Plain had the highest percentage (3.9 percent) of wells containing nitrate levels above the drinking water MCL.

**Table 3.3: Number and Percentage of Wells with Nitrate Above the 10 mg/L MCL**

Province	No. of Wells	No. of Wells Above 10 mg/L	Percent
Valley and Ridge	6,346	60	0.9
Highlands	19,192	486	2.5
Piedmont	17,068	103	0.6
Coastal Plain	44,161	1,726	3.9
Total	86,767	2,375	2.7

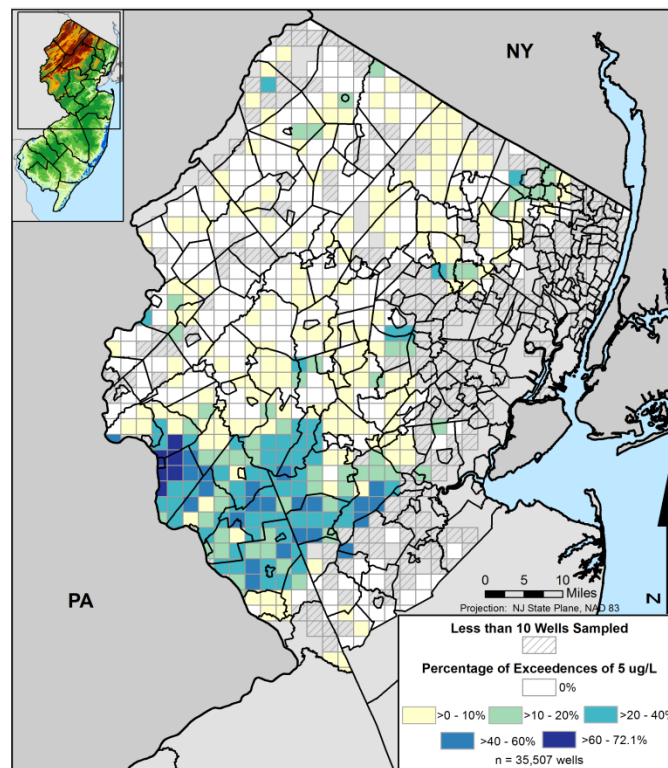
**Arsenic:** Arsenic in New Jersey ground water has mainly geologic origins; however, in some areas it may be related to land use practices. The Department found that high arsenic concentrations occur when the dissolved oxygen concentration is low and pH values are greater than 7.5<sup>1</sup>. All of the northern twelve New Jersey counties are required by the PWTA to monitor for arsenic. Table 3.4 shows the breakdown of wells sampled in those counties that contained arsenic levels above the New Jersey drinking water MCL of 5 micrograms per liter (*ug/l*), by physiographic province. Of the 35,507 private wells sampled in those counties, 8.9 percent (3,144) contained levels of arsenic above the New Jersey MCL. The Piedmont region had the highest percentage of wells (17.1 percent) with arsenic levels above the MCL (see Figure 3.16).

<sup>1</sup> New Jersey Geological Survey. New Jersey Department of Environmental Protection. *Arsenic in New Jersey Ground Water*. 2004. Information circular available at <http://www.state.nj.us/dep/njgs/enviroed/infocirc/arsenic.pdf>.

**Table 3.4: Number and Percentage of Wells with Arsenic Above the 5 ug/LMCL**

Province	No. Wells	No. Wells Above 5 ug/l	Percent
Valley and Ridge	2,575	52	2.0
Highlands	15,149	168	1.1
Piedmont	17,064	2,917	17.1
Coastal Plain	719	7	1.0
Totals	35,507	3,144	8.9

**Figure 3.16: Percentage of Wells with Arsenic Concentrations above the 5 ug/L MCL**



**Mercury:** Mercury concentrations were measured in 43,439 wells in southern New Jersey’s nine counties, which are all located within the Coastal Plain. Less than one percent of the wells contained mercury levels above the drinking water MCL for mercury (2 ug/l). The source of mercury in these private wells is not clear.

**Radium (Gross Alpha):** Gross alpha particle activity measured as picoCuries per liter (pCi/l) is used as a surrogate measurement for radium due to the high cost of radium isotope testing. It is a measurement of all alpha activity present, regardless of the specific radionuclide source. The federal MCL for gross alpha is 15 pCi/l minus the contribution of uranium. All of the southern nine counties and three northern counties (Hunterdon, Mercer, and Middlesex) are required by the PWTA to monitor for gross Alpha. In the Coastal Plain, where the only radionuclide present is radium, this screening test works quite well; however, in northern New Jersey outside of the

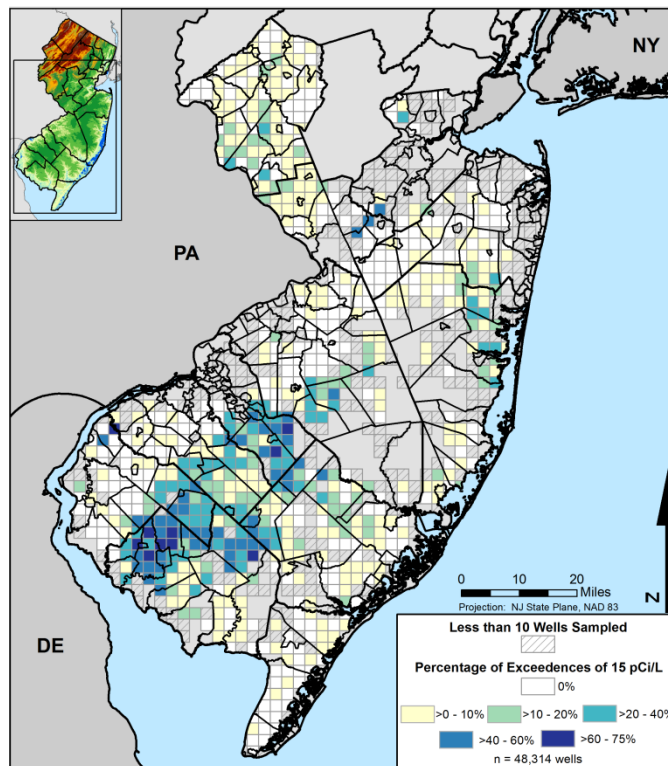
coastal plain, where samples may contain uranium, radium, or a combination of both, gross alpha measurements do not provide sufficient information to evaluate whether a particular sample exceeds the drinking water MCL. Table 3.5 shows the breakdown of private wells sampled that contained levels of gross alpha above the federal MCL, by physiographic province. Of the 48,314 private wells sampled, 10.1 percent (4,874) contained gross alpha levels above the federal MCL; however, only the results for the Coastal Plain are considered accurate due to the likely presence of other radionuclides in the other provinces. Approximately eleven percent (4,505) of private wells tested in the Coastal Plain contained levels of gross alpha above the federal MCL (see Figure 3.17).

**Table 3.5: Number and Percentage of Wells with Gross Alpha Above the MCL (15 pCi/l)**

Province	No. Wells	No. Well Above 15 pCi/l	Percent
Coastal Plain	39,271	4,505	11.5
Piedmont*	7,222	317	4.4
Highlands*	1,821	52	2.9
Totals	48,314	4,874	10.1

\* Piedmont and Highlands samples may contain Radium and/or Uranium.

**Figure 3.17: Percentage of Wells with Gross Alpha above the 15 pCi/L MCL**



**Manganese:** Manganese is commonly found in ground water. High concentrations of manganese may cause the water to become brown or black, resulting in staining and a bitter metallic taste. USEPA has set a secondary MCL for manganese of 0.05 mg/l. USEPA has also set a lifetime health advisory of 0.30 mg/l based on the occurrence of neurological effects. Table 3.6 shows the breakdown of private wells sampled that contained manganese levels above the federal secondary MCL of 0.05 mg/l and the lifetime health advisory for manganese, by physiographic province. Overall, 19.7 percent of the private wells tested contained manganese levels above the secondary standard; 3.2 percent contained levels above the lifetime health advisory. Manganese levels above the federal lifetime health advisory were present most frequently in private wells in the Highlands and Ridge and Valley physiographic provinces.

**Table 3.6: Number and Percentage of Wells with Manganese above the Secondary MCL (0.05 mg/l) and the Lifetime Health Advisory (0.300 mg/l)**

Province	No. of Wells	No. Wells Above 0.05 mg/l	% above 0.05 mg/l	No. Wells Above 0.300 mg/l	% above 0.300 mg/l
Valley and Ridge	6,346	1,729	27.2	355	5.6
Highlands	19,192	3,648	19.0	1,294	6.7
Piedmont	17,068	1,536	9.0	303	1.8
Coastal Plain	44,161	10,141	23.0	784	1.8
<b>Totals</b>	<b>86,767</b>	<b>17,054</b>	<b>19.7</b>	<b>2,736</b>	<b>3.2</b>

**Iron:** Iron is a common problem in private wells. Iron-bearing ground water is often noticeably orange in color, causing discoloration of laundry, and has an unpleasant taste. Iron dissolved in ground water is in the reduced iron II form. This form is soluble and normally does not cause any problems by itself. Iron II is oxidized to iron III upon contact with oxygen in the air or by the action of iron-related bacteria. Iron III forms insoluble hydroxides in water. These are rusty-red and cause staining and blockage of screens, pumps, pipes, reticulation systems, etc. USEPA has set a secondary standard for iron of 0.300 mg/l. Table 3.7 shows the breakdown of private wells tested that contained iron concentrations above the secondary standard, by physiographic province. Of the 86,767 private wells sampled, 29.5 percent (25,585) contained iron concentrations above the federal secondary standard. The acidic Coastal Plain exhibited the highest percentage of wells (39.1%) with iron concentrations above the secondary standard.

**Table 3.7: Number and Percentage of Wells with Iron above the Secondary Standard (0.3 mg/l)**

Physiographic Province	No. Wells	No. Wells Above 0.300 mg/l	Percent
Valley and Ridge	6,346	1,409	22.2
Highlands	19,192	4,901	25.5
Piedmont	17,068	2,029	11.9
Coastal Plain	44,161	17,246	39.1
<b>Totals</b>	<b>86,767</b>	<b>25,585</b>	<b>29.5</b>

**Volatile Organic Compounds:** Volatile organic compounds (VOCs) are often found in ground water. All wells in New Jersey are required to be tested for the 26 VOCs that have state or

federal MCLs. Table 3.8 shows the number and percentage of wells in which each of the 26 VOCs was detected at concentrations greater than 0.5 parts per billion (ppb); the federal minimum detection limit for VOCs. The highest percentage of VOCs detected over 0.5 ppb were MTBE (7.10%), toluene (4.25%), and total xylenes (2.78%), which are components of gasoline; and the solvents trichloroethylene (0.74%) and tetrachloroethylene (0.63%). This table also shows the corresponding MCL for each VOC and the number and percentage of private wells sampled that contained concentrations of each VOC above its MCL. Of the private wells tested statewide, 1.2 percent (1,049) contained at least one VOC in concentrations above the corresponding drinking water MCL.

**Table 3.8: Volatile Organic Compounds Detected in NJ Private Drinking Water Wells**

VOC	Number of Wells with Detections (over 0.5 ppb <sup>1</sup> )	Percentage of Wells with Detections	Applicable MCL (ppb)	Number of Wells Above MCL	Percentage of Wells Above MCL	Range (ppb)
Benzene	280	0.32	1	82	0.09	ND <sup>2</sup> – 57.0
Carbon Tetrachloride	312	0.36	2	106	0.12	ND – 157.0
Chlorobenzene	49	0.06	50	0	0.00	ND – 15.8
1,2-Dichlorobenzene	37	0.04	600	0	0.00	ND – 5.2
1,3-Dichlorobenzene	35	0.04	600	0	0.00	ND – 18.6
1,4-Dichlorobenzene	84	0.10	75	0	0.00	ND – 6.5
1,1-Dichloroethane	236	0.27	50	2	0.00	ND – 82.0
1,2-Dichloroethane	119	0.14	2	36	0.04	ND – 73.6
1,1-Dichloroethylene	184	0.21	2	51	0.06	ND – 45.0
<i>cis</i> -1,2-Dichloroethylene	184	0.21	70	2	0.00	ND – 362
<i>trans</i> -1,2-Dichloroethylene	18	0.02	100	0	0.00	ND – 18.9
1,2-Dichloropropane	135	0.16	5	26	0.03	ND – 240
Ethylbenzene	131	0.15	700	0	0.00	ND – 21.3
Methylene Chloride	447	0.52	3	63	0.07	ND – 106
MTBE	6,160	7.10	70	38	0.04	ND – 1,550
Naphthalene	291	0.34	300	0	0.00	ND – 22.9
Styrene	102	0.12	100	1	0.00	ND – 149
1,1,2,2-Tetrachloroethane	28	0.03	1	12	0.01	ND – 25.1
Tetrachloroethylene	550	0.63	1	352	0.41	ND – 1,615
Toluene	3687	4.25	1000	0	0.00	ND – 464
1,2,4-Trichlorobenzene	30	0.03	9	1	0.00	ND – 36.0
1,1,1-Trichloroethane	264	0.30	30	1	0.00	ND – 50.5
1,1,2-Trichloroethane	23	0.03	3	2	0.00	ND – 7.6
Trichloroethylene	638	0.74	1	372	0.43	ND – 550
Vinyl Chloride	63	0.07	2	15	0.02	ND – 5.1
Xylenes (Total)	2412	2.78	1000	0	0.00	ND – 78.0

<sup>1</sup>ppb = micrograms/l (ug/L)  
<sup>2</sup>ND = not detected



New Jersey Department of Environmental Protection



## New Jersey's Vision Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program

May 2017

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## Table of Contents

New Jersey’s Vision Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program .....	1
Purpose.....	1
Introduction.....	1
New Jersey’s Vision Approach for Assessment, Restoration and Protection of Water Resources – Prioritization and Engagement .....	4
Conclusion .....	19
Appendix 1: New Jersey’s Initial WQ-27 Measure Candidates (based on 2012 Integrated Report) .....	21
Appendix 2: Long Term Monitoring and Assessment Strategy.....	24



# **New Jersey’s Vision Approach for Assessment, Restoration and Protection of Water Resources under the Clean Water Act Section 303(d) Program**

## **Purpose**

This document explains New Jersey’s “vision approach” or strategy for managing the Clean Water Act (CWA) Section 303(d) Program in accordance with guidance issued by the U.S. Environmental Protection Agency (USEPA) in December 2013 entitled: “A Long-term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program” (Vision Document).<sup>1</sup> This is a “living document” that initially focuses on the engagement and prioritization goals articulated in the USEPA Vision Document that must be completed prior to the 2016 Integrated Reporting Cycle but will be expanded and refined through an iterative process as part of the biennial integrated water quality assessment and prioritization, to include new and updated information, public engagement, priorities, strategies and measures necessary to address subsequent USEPA program goals.

## **Introduction**

The New Jersey Department of Environmental Protection (Department) is charged with formulating comprehensive policies for the conservation of the natural resources of the State, the promotion of environmental protection and the prevention of pollution of the environment. Water quality standards, monitoring, and assessment provide the scientific foundation for the protection of New Jersey’s water resources and are implemented through the federal Clean Water Act (CWA), the New Jersey Water Quality Planning Act (WQPA) and the New Jersey Water Pollution Control Act (WPCA) through New Jersey’s Continuing Planning Process for water quality management planning and implementation. The goal of this regulatory framework is to protect, restore and maintain the chemical, physical and biological integrity of New Jersey’s waters.

Water quality standards, monitoring, and assessment programs provide the scientific foundation for restoration and protection of New Jersey’s water resources and serve to direct and support the Department’s water quality programs and activities designed to protect, maintain and enhance water quality for all waters of the State in accordance with federal and state statutes and regulations. These efforts include regulatory (e.g., permits), non-regulatory (e.g., environmental education, local stewardship), and funding activities. The Department has integrated these programs into a comprehensive monitoring, assessment, and restoration program implemented on through a rotating basin approach that will produce a comprehensive assessment of the entire State every ten years. This approach will support public engagement and prioritization of waters for the development of measures to restore, maintain, and enhance water quality and maximize effectiveness and efficiency in achieving positive environmental outcomes that are tailored to the needs of each water region. Communication and partnership with the public in all facets of these programs is critical to ensuring

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<sup>1</sup> USEPA. *A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program*. December 2013. [https://www.epa.gov/sites/production/files/2015-07/documents/vision\\_303d\\_program\\_dec\\_2013.pdf](https://www.epa.gov/sites/production/files/2015-07/documents/vision_303d_program_dec_2013.pdf).



that New Jersey's waters are safe for swimming and recreation, fish and shellfish harvested from our waters are safe for eating, water supply sources are safe for drinking, and aquatic life is healthy and sustainable.

Section 303(d) of the federal Clean Water Act or "CWA" (33 USC § 1251 et seq.) requires each state to identify those waters for which effluent limitations are not stringent enough to attain applicable water quality standards; establish a priority ranking for such waters based on extent of water quality impairment and designated use non-support; establish a total maximum daily load (TMDL) for each pollutant causing water quality impairment, based on their priority ranking, at a level necessary to attain applicable water quality standards; and submit a list to USEPA of all impaired waters and their pollutant causes (i.e., the 303(d) List), along with a schedule of TMDLs to be established within the next two years. USEPA allows states to combine their 303(d) List with the biennial water quality assessment reports submitted under CWA Section 305(b) and submit one "integrated" report that assesses water quality and designated uses support for all waters of the State along with the 303(d) List and Two-Year TMDL Schedule that is submitted to USEPA by April 1<sup>st</sup> of every even-numbered year. Thus, USEPA combined the functions of water quality assessment, 303(d) List development, and TMDL development under one national "303(d) Program".

USEPA's Vision Document establishes a new vision and national goals for administering the 303(d) Program. The Vision Document was prepared to provide relief to states struggling to restore impaired waters under USEPA's emphasis on TMDLs as the sole means to attain designated uses and water quality standards. The Vision Document provides additional flexibility under the 303(d) Program for states to identify and prioritize waterbodies for restoration and protection through whatever means are appropriate under existing programs regulatory frameworks, and achieve water quality objectives in accordance with the state's priorities, so long as national water quality goals are also met. USEPA's new approach is intended to improve collaboration between USEPA and states, efficiency in administering the 303(d) Program, and success in achieving water quality protection and restoration.

The new USEPA Vision Document articulates a set of six goals, re-arranged below to reflect the sequential deadlines set by USEPA, to be implemented in collaboration with state CWA Section 303(d) Program managers and the public and evaluated in 2022:

1. "Engagement" By 2014, USEPA and the states should actively engage the public and other stakeholders to improve and protect water quality, as demonstrated by documented, inclusive, transparent, and consistent communication; requesting and sharing feedback on proposed approaches; and enhanced understanding of program objectives.
2. "Prioritization": For the 2016 Integrated Reporting Cycle and beyond, states should review, systematically prioritize, and report priority watersheds or waters for restoration and protection in their biennial Integrated Reports to facilitate state strategic planning for achieving water quality goals.
3. "Protection": For the 2016 Integrated Reporting Cycle and beyond, in addition to the traditional TMDL development priorities and schedules for waters in need of restoration, states should identify protection planning priorities and approaches along with schedules to help prevent impairments in healthy waters, in a manner consistent with each state's systematic prioritization.

4. “Integration”: By 2016, USEPA and states should identify and coordinate implementation of key point source and nonpoint source control actions that foster effective integration across CWA programs, other statutory programs (e.g., CERCLA, RCRA, SDWA, CAA), and the water quality efforts of other federal departments and agencies (e.g., Agriculture, Interior, Commerce) to achieve the water quality goals of each state.
5. “Alternatives”: By 2018, states should use alternative approaches, in addition to TMDLs, that incorporate adaptive management and are tailored to specific circumstances where such approaches are better suited to implement priority watershed or water actions that achieve the water quality goals of each state, including identifying and reducing nonpoint sources of pollution.
6. “Assessment”: By 2020, States should identify the extent of healthy and impaired waters in each state’s priority watersheds or waters through site-specific assessments.

Under this new approach, USEPA has directed states to expand their statutory responsibilities, as established under CWA Section 303(d) to also include the following:

- Prioritize waters or watersheds for restoration and protection;
- Assess the quality of all priority waters or watersheds;
- Identify protection planning priorities and approaches;
- Use alternative approaches, in addition to TMDLs, to achieve water quality;
- Engage stakeholders and the public in water quality protection and restoration efforts;
- Foster integration across CWA programs, other programs, and other agencies; and
- Identify the TMDLs and alternative approaches, such as watershed based plans for water quality restoration (WBPs), that will be targeted for completion by 2022 and track progress under new USEPA water quality measure WQ-27 (see [https://www.epa.gov/sites/production/files/2015-10/documents/fy\\_2016\\_nwpg\\_measure\\_definitions\\_water\\_quality\\_-\\_copy.pdf](https://www.epa.gov/sites/production/files/2015-10/documents/fy_2016_nwpg_measure_definitions_water_quality_-_copy.pdf)).

USEPA has encouraged states to adopt the new CWA 303(d) Program Vision and implement it at two levels: 1) working directly with USEPA to measure collective progress in achieving the overall vision and goals articulated in the Vision Document; and 2) identifying and employing strategies to achieve the overall program vision through state-specific goals that are defined in collaboration with the public. USEPA allows states to develop their own vision strategy that “outlines a comprehensive, integrated, and iterative approach to achieving and communicating water quality improvements” by developing state-specific strategies to achieve the national vision and goals and ultimately attain state water quality standards.

The New Jersey Department of Environmental Protection (Department) has a long history of coordinating and integrating its numerous water resource management programs through a strategic planning and results-oriented approach to comprehensive water resources management that engages stakeholders in the development, prioritization and implementation of strategies to protect, restore and maintain New Jersey’s water resources on a local, regional and statewide basis. The Department’s current approach mirrors USEPA’s new Vision for meeting national water quality goals and state water quality standards under CWA Section 303(d); however, New Jersey’s “Vision Approach” also integrates programs implemented to satisfy other statutory mandates and regulatory requirements, including CWA Sections 104(a), 106(d), 201, 208, 303(d), 303(e), 305(b), 319(h) and 402(p); New Jersey Water Pollution Control Act (WPCA), N.J.S.A. 58:10A-1et seq.; New Jersey Water Quality Planning

Act (WQPA), N.J.S.A. 58:11A-1 et seq.; federal Water Quality Planning And Management regulations, 40 CFR 130; federal Water Quality Standards regulations, 40 CFR Part 131; New Jersey Surface Water Quality Standards rules, N.J.A.C. 7:9B; New Jersey Ground Water Quality Standards rules, N.J.A.C. 7:9C; New Jersey Water Quality Management Planning rules, N.J.A.C. 7:15; and New Jersey Pollutant Discharge Elimination System Regulations, N.J.A.C. 7:14A, among others.

New Jersey's Vision Approach is designed to accomplish both federal and State water quality goals through statewide ambient water quality monitoring (biological and chemical) of fresh and marine waters, developing water quality standards that protect and support designated uses of New Jersey's waters; assessment of water quality to determine support of designated uses and attainment of water quality standards; and development, implementation and funding of strategies to protect and restore water resources. This approach is consistent with USEPA's Vision Document and will continue to be refined and enhanced in subsequent assessment cycles to address federal, state and local water quality concerns and goals.

## New Jersey's Vision Approach for Assessment, Restoration and Protection of Water Resources – Prioritization and Engagement

The first deadlines established under the USEPA Vision Document are for implementation of the Engagement and Prioritization Goals:

*By 2014, USEPA and the states will actively engage the public and other stakeholders to improve and protect water quality, as demonstrated by documented, inclusive, transparent, and consistent communication; requesting and sharing feedback on proposed approaches; and enhanced understanding of program objectives*

*By 2016, states will review, systematically prioritize, and report priority watersheds of water for restoration and protection in their biennial integrated report to facilitate state strategic planning for achieving water quality goals.*

New Jersey has a long history of public and stakeholder engagement in developing and implementing its water quality protection and water resource management programs, and in prioritizing such efforts to meet federal and state water quality goals. Since its creation in 1970, the Department has engaged stakeholders and the general public in the identification and prioritization of watersheds and waterbodies for restoration or other management actions in response to various concerns that ranged from local public health (e.g., potential release or resuspension of toxic pollutants from breached dams) to regional and statewide legislative initiatives (e.g., water quality restoration and flood control for the Passaic River Basin, statewide fertilizer law) to inter- and intra- state efforts directed by federal agencies (proposed dredging in the Delaware River, New York/New Jersey Harbor Estuary TMDL).

As these examples indicate, public engagement in water quality improvement and protection efforts occurs on statewide, regional and local watershed levels. Public input on statewide water quality issues is sought through the public comment period provided for the draft Integrated Water Quality Monitoring and Assessment Methods Document (Methods Document) as well as the draft Integrated List of Waters (Integrated List) and the draft 303(d) List of Impaired Waters (303(d) List) published as components of the draft Integrated Water Quality Assessment Report (Integrated Report) every

two years in accordance with CWA Sections 303(d) and 305(b) as well as N.J.A.C. 7:15. Additional input is sought from the New Jersey Water Monitoring Council<sup>2</sup> which serves as a statewide body to promote and facilitate the coordination, collaboration and communication of scientifically sound, ambient water quality and quantity data to support effective environmental management. The Council is well represented by the diverse water quality interests across New Jersey from government to academic, to nonprofit to municipal utilities authority.

New Jersey first articulated a vision of a “comprehensive, integrated, and iterative approach to water quality protection” in the Statewide Water Quality Management Program Plan (December 1985)<sup>3</sup>, which was designed to serve as the “foundation for unifying” programs implemented under CWA Sections 201, 208, and 303(e) and to satisfy State requirements for water quality planning and the continuing planning process pursuant to the New Jersey Water Quality Planning Act (WQPA), N.J.S.A. 58:11A-1 et seq. This vision was subsequently refined and enhanced “to respond to the changing issues, needs and priorities of the State” by 1987 Continuing Planning Process (CPP).<sup>4, 5</sup>

**Statewide Water  
Quality  
Management  
Program Plan  
1985-2015**

In accordance with CWA Section 303(e), states are required to have a continuing planning process (CPP) for water quality planning, management, and implementation that serves to maintain, improve, and protect water quality. Under federal regulations at 40 CFR 130, states are required to not only establish and maintain a CPP but also implement the programs and processes required under the CWA as part of the CPP. The CPP is intended to ensure the necessary programmatic infrastructure is in place at the state level to identify critical water bodies where water quality is impaired or threatened, develop and implement plans and actions to restore and maintain water quality, and identify and specify additional data collection, planning or control measures.

**New Jersey  
Continuing Planning  
Process  
1987-present**

New Jersey’s CPP is intended to “integrate and unify water quality management planning processes, assess water quality, establish water quality goals and standards, and develop a statewide implementation strategy to achieve the water quality standards and maintain, improve, and protect water quality throughout the State”<sup>6</sup> and to satisfy the requirements of both federal and state statutes, including assessing water quality and identifying priority water quality problems. The

1985 Statewide Plan, as amended by the 1987 CPP, articulated the Department’s overall water quality strategy, objectives, priorities, policies and procedures<sup>7</sup>. The water quality priorities articulated in these

<sup>2</sup> See <http://www.nj.gov/dep/wms/wmcchome.html>.

<sup>3</sup> NJDEP. *New Jersey Statewide Water Quality Management Program Plan*. December 2015.

<sup>4</sup> NJDEP. *The New Jersey Continuing Planning Process for Water Quality Management-Descriptions of Selected Management Processes*. March 1987.

<sup>5</sup> New Jersey’s first Continuing Planning Process (CPP), submitted to USEPA on April 23, 1976, articulated the Department’s strategy for preventing and controlling water pollution through implementation of the various programs subsequently integrated under the 1985 Statewide Water Quality Management (WQM) Program Plan and the 1987 CPP.

<sup>6</sup> NJDEP. *New Jersey’s Continuing Planning Process*. December 18, 2015. Executive Summary. <http://www.nj.gov/dep/wrm/docs/cpp.pdf>.

<sup>7</sup> The Statewide WQM Program Plan and NJCPP were subsequently revised via amendments to the New Jersey Water Quality Management Planning (WQMP) rules, N.J.A.C. 7:15, which incorporated the Statewide WQM Program Plan, the NJCPP and the WQMP rules by reference. More recent amendments to the WQMP rules removed references to the

documents focused on implementation of wastewater management planning, effluent limitations, and point source permitting. Specifically, the Statewide Plan states: “The main emphasis of the Plan is on water quality, and wastewater treatment and conveyance facilities.”

**Whippany River  
Watershed Project  
1993-2004**

In response to USEPA’s “Watershed Approach” (1991)<sup>8</sup> and the Department’s desire to reform the WQMP program to a more comprehensive and effective water resources management program, the Department initiated the Whippany River Watershed Project in 1993 as a pilot project for developing a comprehensive watershed management process that could be replicated throughout the State. The 70-square mile Whippany River Watershed<sup>9</sup> served as the focal point for stakeholders with varied interests and backgrounds who came

together to develop a plan that would address the water resource issues and concerns of their watershed. Stakeholders included local and county government, watershed organizations, academics, business, industry, consultants, purveyors, dischargers, and interested citizens. By 1999, this watershed management pilot project succeeded in producing New Jersey’s first stakeholder-engaged, watershed-based TMDL<sup>10</sup> (TMDLs adopted prior to 1999 were prepared by USEPA or consisted only of wasteload allocations), followed by a short-term implementation strategy<sup>11</sup>, a nonpoint source pollution control guidance manual<sup>12</sup>, and a comprehensive Watershed Management Plan for the Whippany River Watershed. The Watershed Management Plan continues to be implemented by the stakeholder-led Whippany River Watershed Action Committee with a focused effort on stormwater management and stream restoration (see <http://www.wrwap.org/>).

**Whippany River  
Watershed TMDL  
Established 1999**

**Statewide Watershed  
Management  
Initiated 1997**

The success of this pilot project allowed the Department to expand its watershed management approach throughout the State, including a collaborative process for identifying priority waters and priority projects on both a statewide and regional basis. Under this statewide framework<sup>13</sup>, New Jersey partnered with USEPA and others in the

private and public sectors to promote a watershed management approach as a means to restore and maintain the physical, chemical and biological integrity of our waters. Using sustainable management principles, the Department moved towards a more holistic, rather than site-specific approach to effectively manage and protect water resources. New Jersey’s watershed management approach was based on three key components: 1) a geographic focus; 2) continuous improvement based on sound

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Statewide WQM Program Plan and the NJCPP; however, an updated NJCPP is published on the Department’s website at <http://www.nj.gov/dep/wqmp/guidance.html>.

<sup>8</sup> USEPA. *The Watershed Protection Approach – An Overview*. 1991. EPA 503/9-92-001. Office of Water. See also *Watershed Protection: A Statewide Approach*. August 1995. EPA 841-R-95-004/Office of Water (4503F) and *The Watershed Approach Framework*. June 1996. EPA 840-S-96-001/Office of Water (4501F). <https://www.epa.gov/sites/production/files/2015-06/documents/watershed-approach-framework.pdf>.

<sup>9</sup> Whippany River Watershed Action Committee website. <http://www.wrwap.org/About-Us.html>

<sup>10</sup> NJDEP. *Report on the Establishment of a Total Maximum Daily Load for Fecal Coliform and an Interim Total Phosphorus Reduction Plan for the Whippany River Watershed*. December 1999. [http://www.nj.gov/dep/wms/bears/docs/whippany\\_tmdl.pdf](http://www.nj.gov/dep/wms/bears/docs/whippany_tmdl.pdf).

<sup>11</sup> NJDEP. *Whippany River Watershed Action Now Strategy*. January 2000.

<sup>12</sup> NJDEP. *A Cleaner Whippany River Watershed – Nonpoint Source Pollution Control Guidance Manual for Municipal Officials, Engineers, and Departments of Public Works*. May 2000.

<sup>13</sup> NJDEP. *Draft Statewide Watershed Management Framework Document for the State of New Jersey*. January 1997.



science; and 3) partnerships and stakeholder involvement. Under this approach, water resources management was conducted on a watershed basis by dividing New Jersey into a set of nested, hydrologically connected units that resulted in 20 watershed management areas within five water regions for the implementation of watershed management activities on a targeted, cyclical basis, including water quality and watershed management planning, water quality monitoring and assessment, TMDL development, water quality restoration, and watershed-based permitting. This approach allowed the Department to prioritize waters for restoration and protection on the appropriate scale necessary to address the causes and sources of impairment, from statewide stormwater management minimum requirements to basin-wide TMDL development to localized nonpoint source pollution control projects.

**Statewide Nonpoint  
Source Management  
and 319(h) Grant  
Program  
1997 - present**

Around the same time as New Jersey's statewide watershed management program was emerging, USEPA was expanding its pollution control programs to include CWA Section 402(p) stormwater permitting requirements and CWA Section 319(h) nonpoint source (NPS) pollution assessment and management plan requirements and the establishment of a NPS pollution control grant program. The Department first received CWA Section 319(h)

NPS grant funds in the mid-1990s to address localized NPS pollution problems and to initiate local education and outreach initiatives. The Department initially convened a stakeholder group to identify grant fund priorities and to vet and rank grant applications. Once the statewide watershed management program was underway, funding priorities were identified in consultation with public advisory committees and technical advisory committees formed in each of New Jersey's 20 watershed management areas based on local, regional and state water quality issues. Priorities at that time included implementing NPS best management practices (BMPs) and other strategies identified in stormwater management plans or watershed management plans, implementing load allocations or NPS strategies identified in established TMDLs, and implementing agricultural best management practices throughout the State.

USEPA requires states to have an updated NPS Pollution Management Program in place to qualify for CWA Section 319(h) grant funds. New Jersey's NPS Program Plan is designed to satisfy these federal requirements and serves as a key component of New Jersey's CPP. Beginning in State Fiscal Year (SFY) 2006, the Department prioritized 319(h) grant funds for development of Watershed Restoration and Protection Plans, also referred to as Watershed Based Plans (WBPs), that focused on reducing NPS pollution. These grants were issued to fund planning and implementation of projects that would address water quality impairment through implementation of NPS pollution controls, including those specifically identified in approved total maximum daily load (TMDL) implementation plans, or necessary to address pollutants identified on an adopted 303(d) List of Water Quality Limited Waters. WBPs initiated after June 30, 2007 were required to include the nine minimum components of a watershed based plan set forth in the USEPA's *Handbook for Developing Watershed Plans to Restore and Protect Our Waters*<sup>14</sup> to be eligible for Section 319(h) grant funds. In 2013, USEPA issued updated

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<sup>14</sup> USEPA. *Handbook for Developing Watershed Plans to Restore and Protect Our Waters*. EPA 841-B-08-0022005. 2005, updated March 2008. <https://www.epa.gov/nps/handbook-developing-watershed-plans-restore-and-protect-our-waters>.

New Jersey's NPS Program Plan was updated in 2015 to comply with the new USEPA guidance.<sup>15</sup> guidelines describing key components to be included in an effective state NPS management program.<sup>16</sup>

National and state water quality priorities shifted back to point source controls in the late 1990's in response to lawsuits filed against USEPA and some states over failure to establish TMDLs for impaired waters as required under CWA Section 303(d). A lawsuit brought by the Widener Environmental Law Clinic against USEPA Region 2 resulted in a Consent Order requiring implementation of CWA Section 303(d) within a specified timeframe. As a result, the Department executed a memorandum of agreement (MOA) with USEPA creating an eight-year schedule to produce TMDLs for all water quality-limited segments remaining on New Jersey's 1998 Section 303(d) List<sup>17</sup>. This MOA and subsequent modifications established the TMDL priorities for New Jersey. The first TMDLs required to be completed, and thus afforded the highest priority, were for New York/New Jersey Harbor Metals (June 30, 1999)<sup>18</sup>, Delaware Estuary Volatile Organics (September 30, 1999)<sup>19, 20</sup> and the Whippany River Watershed (December 31, 1999)<sup>21</sup>.

**TMDL MOA  
1998-2008**

The MOA was subsequently amended to give higher priority to TMDLs that could be established and implemented in a relatively short time while allotting more time to complete work on more complex and comprehensive TMDLs, including basin-wide TMDLs for the Passaic and Raritan Rivers. This resulted in 18 TMDLs established between 2000 – 2004 that addressed mostly fecal coliform in streams and total phosphorous in lakes throughout the State, followed by an additional 24 TMDLs between 2005 – 2007 that focused on pathogens in lakes, total phosphorus in streams, and total coliform in shellfish waters. During this time, stakeholder processes were initiated to engage the public in the development of regional, nutrient TMDLs for the Passaic and Raritan Rivers, which were prepared with assistance and direct input from stakeholders in Watershed Management Areas (WMAs) 3, 4, 5, and 6 for the Passaic TMDL and WMAs 8, 9 and 10 for the Raritan TMDL. The Department conducted 21 stakeholder meetings between 2004 and 2009 on the Raritan TMDL alone.

<sup>15</sup> NJDEP. *New Jersey Nonpoint Source Management Program Plan, 2015-2019*. October 2015. [http://www.state.nj.us/dep/wms/bears/docs/nps\\_plan\\_2015.pdf](http://www.state.nj.us/dep/wms/bears/docs/nps_plan_2015.pdf).

<sup>16</sup> USEPA. *Nonpoint Source Program and Grants Guidelines for States and Territories*. April 12, 2013. <http://water.epa.gov/polwaste/nps/cwact.cfm>.

<sup>17</sup> NJDEP. *Memorandum of Agreement between U.S. Environmental Protection Agency Region II and New Jersey Department of Environmental Protection Schedule to Establish Total Maximum Daily Loads for all Waterbodies Listed on the State of New Jersey's 1998 303(d) List*. May 12, 1999.

<sup>18</sup> USEPA. *Final Withdrawal of Total Maximum Daily Loads (TMDLs) for Copper in the Arthur Kill and the Kill Van Kull and Final Establishment of a TMDL for Nickel in the Hackensack River*. Public Noticed in the October 28, 1999 Federal Register (64 FR 58058). Final EPA Decision in the January 14, 2000 Federal Register (65 Fr 2398). [https://ofmpub.epa.gov/waters10/attains\\_impaired\\_waters.show\\_tmdl\\_document?p\\_tmdl\\_doc\\_blobs\\_id=74615](https://ofmpub.epa.gov/waters10/attains_impaired_waters.show_tmdl_document?p_tmdl_doc_blobs_id=74615).

<sup>19</sup> NJDEP. *Adoption of The Amendment to The Tri-County and Lower Delaware Water Quality Management Plans to Establish Total Maximum Daily Loads for Volatile Organic Compounds in The Delaware River*. May 27, 2003. <http://www.nj.gov/dep/wms/bears/docs/Delaware%20VOC%20Adoption%205-21-03.pdf>.

<sup>20</sup> Note: The deadline for the Delaware TMDL was subsequently extended to February 2000. See <http://www.nj.gov/dep/wqmp/docs/wqmp/lowerdelaware/20030527.pdf>

<sup>21</sup> NJDEP. *Whippany River Watershed Total Maximum Daily Load Amendment to the Northeast WQMP Adoption Notice for NJR*. June 5, 2000. [http://www.nj.gov/dep/wms/bears/docs/whippany\\_tmdl.pdf](http://www.nj.gov/dep/wms/bears/docs/whippany_tmdl.pdf).

**Passaic Basin  
TMDL  
Established  
2008**

In 2008, New Jersey adopted its first complex TMDL to address nutrients in the non-tidal waters of the Passaic River Basin, which set load allocations for 56 NJPDES permitted dischargers. This TMDL also required the adoption of a low phosphorus ordinance as an additional measure to the Municipal Separate Storm Sewer System Permit (MS4) for 72 municipalities in the basin. With the adoption of the Passaic River Nutrient TMDL<sup>22</sup>, New Jersey completed its obligations and the established TMDL priorities under the TMDL MOA with USEPA. Since then, TMDL priorities are re-evaluated during each listing cycle in accordance with the corresponding Integrated Water Quality Assessment Methods (Methods Document)<sup>23</sup>. Public involvement is provided for both the process used to rank and prioritize TMDLs, through the public comment period for the draft Methods Document published prior to development of each cycle's 303(d) List, and the outcome of the ranking process, through public comment on the draft 303(d) List and the draft Two-Year TMDL Schedule as components of the biennial Integrated Report. Priority concerns factored into TMDL ranking have included key water quality issues identified in the Integrated Water Quality Assessment Report (Integrated Report), such as human health concerns regarding mercury in fish tissue and coastal pathogens, schedules for renewing NJPDES discharge permits on a regional basis, and stakeholder concerns regarding the impact of temperature on trout aquatic life.

**Barnegat Bay  
Action Plan  
Watershed  
2010 - present**

On December 9, 2010, Governor Chris Christie announced the comprehensive Barnegat Bay Ten-Point Action Plan<sup>24</sup>. The Department was directed to develop an Action Plan to address the ecological health of the 660-square-mile Barnegat Bay watershed. A series of public meetings were held to engage stakeholders in the collaborative development of the Barnegat Bay Action Plan. Stakeholders collaborated with the Department on an inventory of prior scientific research related to the health of Barnegat Bay, an inventory of prior actions taken to restore and improve the ecological health of the bay, and identifying problems, causes, goals and actions necessary to restore water quality of the Bay. The resulting Action Plan identified ten objectives including targeted scientific research, intensive water quality monitoring and in-depth analysis, and implementation of stewardship projects that ranged from localized stormwater management efforts and purchase of watershed lands for open space protection to statewide legislation limiting the use of chemical fertilizers. Key accomplishments under the Action Plan include:

- Tens of millions of dollars made available to local governments for stormwater infrastructure upgrades;
- Ten research projects resulting in the most comprehensive compilations of research on any estuary, including studies on water quality, harmful algae blooms, assessments of fish and crabs, and ways to reduce stinging sea nettles;

<sup>22</sup> NJDEP. *Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments*. July 21, 2008. [http://www.nj.gov/dep/wms/bears/docs/passaic\\_tmdl.pdf](http://www.nj.gov/dep/wms/bears/docs/passaic_tmdl.pdf).

<sup>23</sup> See the Department's website at <http://www.state.nj.us/dep/wms/bears/generalinfo.htm>.

<sup>24</sup> See <http://www.state.nj.us/dep/barnegatbay/index.htm>.



- New Jersey's first comprehensive water monitoring network for both fresh and marine water quality;
- Preservation of more than 3,000 acres of open space in the watershed and a state commitment to acquire 30,000 acres over the next several decades;
- Green boater sweeps to educate boaters about the need to protect ecologically sensitive areas, such as shellfish growing areas, shorebird nesting areas and submerged aquatic vegetation;
- The Nation's toughest law regarding restrictions on lawn fertilizers that cause runoff that degrades water quality across the state; and
- A commitment by Exelon Corp. to decommission the Oyster Creek nuclear reactor in Lacey Township by the end of 2019.

While the Department's research, monitoring and outreach resources were focused on the Barnegat Bay, the water quality assessment program was actively refining its statewide assessment methods for the 2012 Integrated Report to include a more comprehensive assessment that would confirm water quality conditions by considering water chemistry, physical, and biological data along with other factors such as hydrology, geology, land use, habitat, and other relevant environmental considerations. This allowed the Department to address multiple water resource concerns based on an assessment of the specific environmental conditions affecting the focus areas. Unfortunately, insufficient resources were available to implement a comprehensive assessment process on a statewide basis and still meet federal deadlines, resulting in significant delays in completing the 2012 Integrated Report and initiating the 2014 Integrated Report cycle. To address this dilemma, the Department transitioned to a rotating basin approach that would focus the comprehensive assessment process on one of New Jersey's five Water Regions (see Figure 1) in each integrated reporting cycle, following the example of some other states, specifically New York and West Virginia.

**New Jersey's Comprehensive Regional Assessment Using a Rotating Basin Approach  
Initiated 2014**

New Jersey's Comprehensive Regional Assessment Using a Rotating Basin Approach was initiated for the 2014 Integrated Report and was modeled after the intensive, collaborative data collection conducted for the Barnegat Bay Action Plan combined with the comprehensive assessment methods developed for the 2012 Integrated Report. These enhanced methods were used to generate a comprehensive assessment of the Atlantic Coastal Water Region that was based on multiple lines of evidence to confirm water quality conditions, including water quality monitoring data and other factors including hydrology, geology, land use, biological habitat conditions, meteorology, restoration activities, point and nonpoint sources, use designation, stream classification, and other environmental considerations relevant to determining overall water quality, resulting in a high degree of confidence in the assessment decisions. This new comprehensive assessment method is explained in more detail

in the 2014 Methods Document<sup>25</sup>. The results of the comprehensive assessment of the Atlantic Coastal Region are presented in the 2014 Integrated Report<sup>26</sup> along with an overall assessment of statewide water quality conditions, as required under CWA Section 305(b).

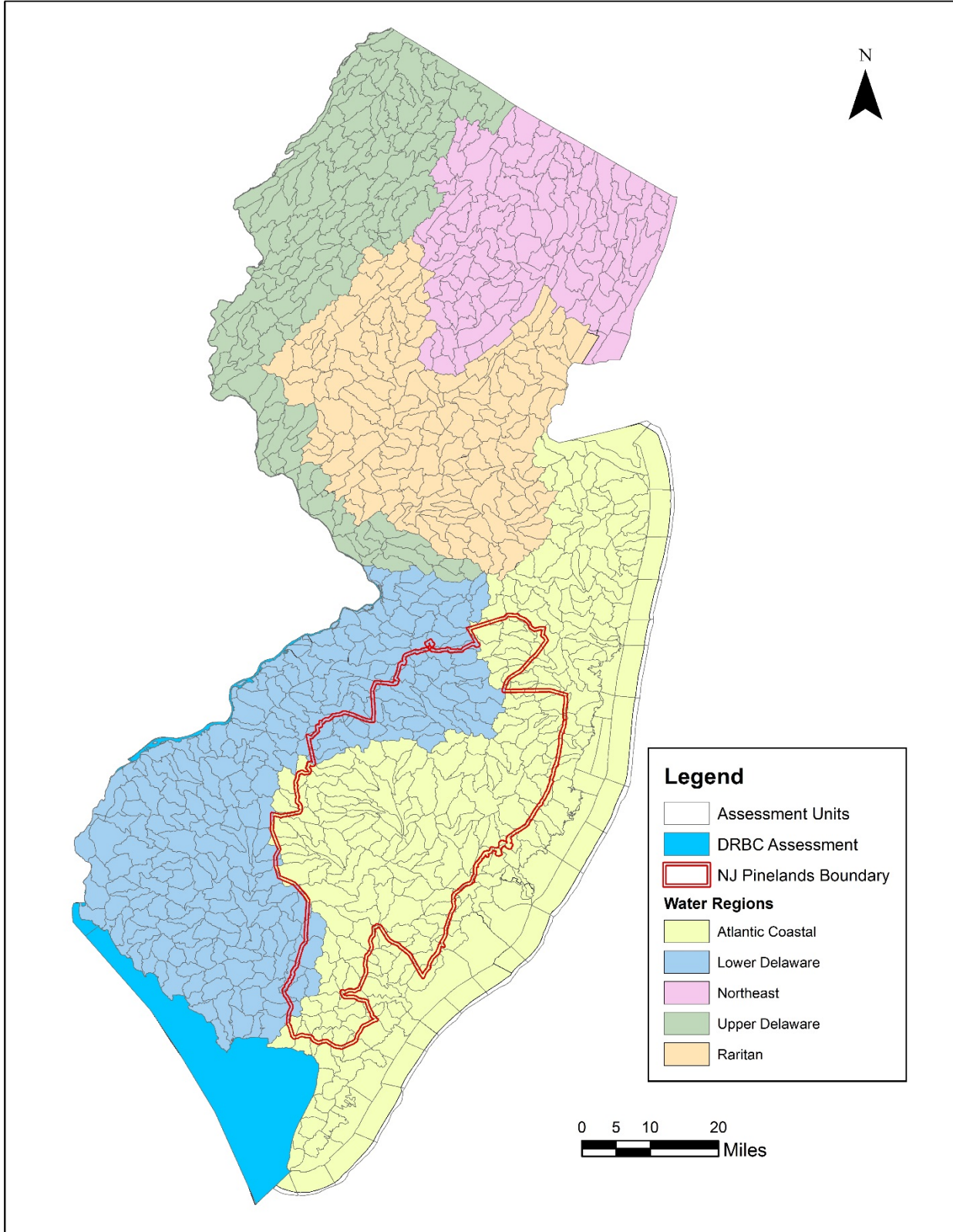
Under the rotating basin approach to comprehensive regional water quality assessment, the Department is conducting a streamlined assessment of statewide water quality along with a more comprehensive, detailed assessment of water quality in one of New Jersey's five water regions, Atlantic Coastal, Raritan, Lower Delaware, Upper Delaware and Northeast (see Figure 1) each assessment cycle (see Figure 2), beginning with the Atlantic Coastal Region for the 2014 Integrated Report.

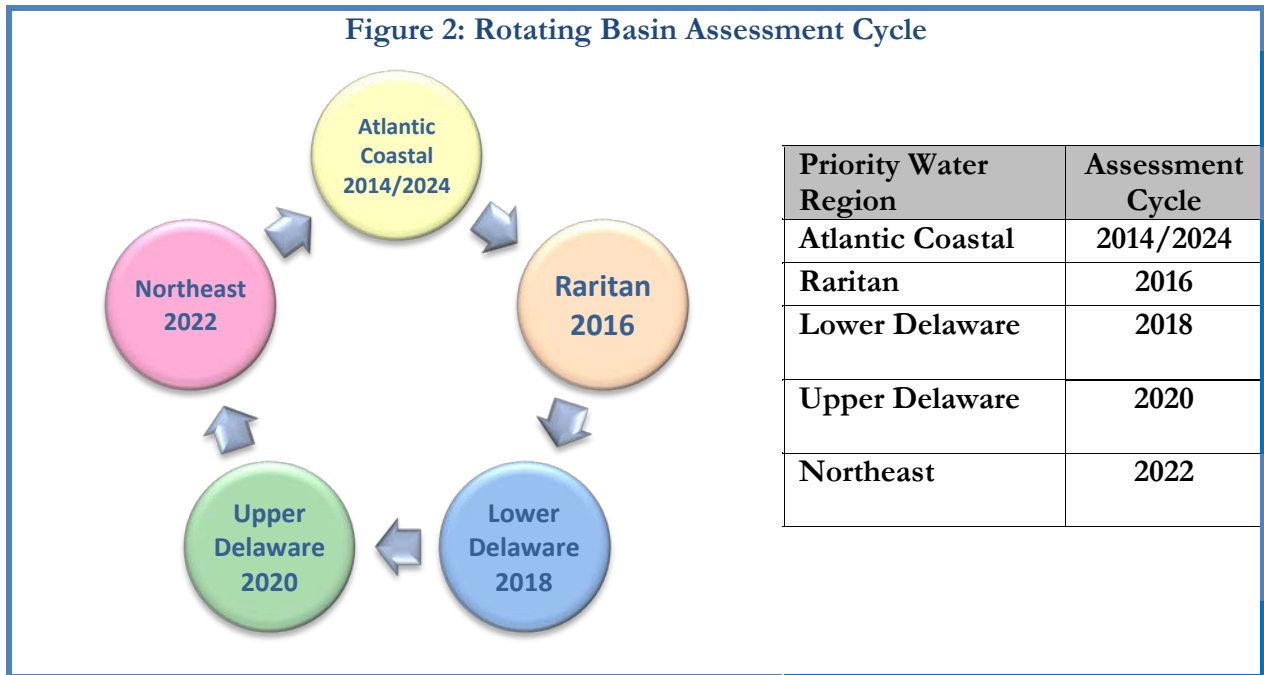
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<sup>25</sup> NJDEP. 2014 *Integrated Water Quality Monitoring and Assessment Methods*. February 2015. [http://www.nj.gov/dep/wms/bears/docs/2014\\_final\\_methods\\_document\\_and\\_response\\_to\\_comments.pdf](http://www.nj.gov/dep/wms/bears/docs/2014_final_methods_document_and_response_to_comments.pdf).

<sup>26</sup> NJDEP. 2014 *New Jersey Integrated Water Quality Assessment Report*. Draft December 2015. [http://www.state.nj.us/dep/wms/bears/docs/2014\\_draft\\_integrated\\_report\\_with\\_appendices.pdf](http://www.state.nj.us/dep/wms/bears/docs/2014_draft_integrated_report_with_appendices.pdf).

Figure 1: New Jersey Water Regions





This rotating basin approach will produce a comprehensive assessment of the entire state every ten years and will support development of measures to restore, maintain, and enhance water quality tailored to the unique circumstances of each regions. Rotating basin monitoring designs provide a “focused approach in smaller geographic areas allowing for a more robust characterization and more collaboration with other water resource programs and local entities, as well as cross program integration;”<sup>27</sup> therefore, this approach has been integrated into the Department’s Long-Term Monitoring Plan (see Appendix 2).

The rotating basin approach will generate:

- Evaluation of the effectiveness of control measures implemented to address water quality problems identified in the previously assessed water region;
- Identification of new and ongoing water quality problems, causes and sources in the current water region, improvements in water quality conditions that may have resulted from prior restoration activities, actions needed to fill data gaps, and additional control measures needed to address water quality problems and meet water quality goals in that region; and
- Collection of data to support assessment in the subsequent region, along with long-term, statewide monitoring and trend analysis to inform development or refinement of water quality goals and standards.

<sup>27</sup> National Water Monitoring Council. *Water Quality Monitoring: A Guide for Informed Decision Making Rotating Basin Monitoring Designs*. Fact Sheet Last Updated April 20, 2017. [https://acwi.gov/monitoring/pubs/WIS\\_2017\\_fs/Rotating%20Basin%20Factsheet%20NWQMC.pdf](https://acwi.gov/monitoring/pubs/WIS_2017_fs/Rotating%20Basin%20Factsheet%20NWQMC.pdf).

Public input regarding the prioritization of the State's five Water Regions for comprehensive assessment through the rotating basin approach was provided through public review and comment on the draft 2014 Integrated Report when it was published in February 2016.<sup>28</sup>

### **TMDL Prioritization Through Sublist 5 Initiated 2014**

As with USEPA's Vision Document, USEPA's updated Integrated Report guidance, *Information Concerning 2016 Clean Water Act Sections 303(d), 305(b), and 314 Integrated Reporting and Listing Decisions*,<sup>29</sup> provides states with more flexibility in structuring their Integrated Lists, allowing "...creation of a subcategory in Category 5 (i.e., 5-alternative) to report alternative restoration approaches for CWA 303(d) listed waters". Based on this guidance, the Department's revised New Jersey's Integrated List for the 2014 Integrated Report to include subparts of Sublist 5 to reflect a new TMDL prioritization process. Category 5 of the Integrated List identifies waters where "Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is required."<sup>30</sup> New Jersey uses the term "Sublists" instead of "Categories" to avoid confusion between waters placed on Sublist 1 and waters assigned the antidegradation designation of "Category One" under the New Jersey Surface Water Quality Standards, N.J.A.C. 7:9B-1.5(d) and 1.15(c) – (i).

The draft 2014 Integrated List contains three new subparts of Sublist 5: Sublist 5A (Arsenic Naturally Occurring) identifies assessment units (AUs) where arsenic does not attain applicable surface water quality standards but concentrations are below those demonstrated to be from naturally occurring conditions; Sublist 5L (Legacy pollutants) identifies AUs where designated use impairment is caused by a "legacy" pollutant that is no longer actively discharged by a point source; and Sublist 5R (watershed restoration) identifies AUs for which water quality impairment is not effectively addressed by a TMDL, such as nonpoint source pollution that will be controlled under an approved watershed restoration plan or 319(h)-funded Watershed Based Plan (WBP). All three subparts to Sublist 5 reflect waters determined to be a very low priority for TMDL development because active point sources are not the primary cause of impairment. While the Department is working with USEPA and other states to develop effective responses to water quality impairment caused by naturally occurring arsenic or legacy pollutants, the Department is actively engaged in employing alternative restoration strategies for waters placed on Sublist 5R.

Sublist 5R was created to identify AUs that are impaired primarily by nonpoint sources of pollution that are not subject to regulation under the federal CWA, or regulated stormwater, which is most effectively addressed through source control. Watershed restoration plans, including 319(h) funded

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<sup>28</sup> NJDEP. *Request for Comments on The Draft 2014 303(d) List of Water Quality Limited Waters Pursuant to Section 303(d) of the Federal Clean Water Act at 33 U.S.C. 1313(d) and the New Jersey Water Quality Management Planning Rules at N.J.A.C. 7:15*. February 1, 2016. [http://www.state.nj.us/dep/wms/bears/docs/2014\\_draft\\_303dlist\\_public\\_notice\\_for\\_posting.pdf](http://www.state.nj.us/dep/wms/bears/docs/2014_draft_303dlist_public_notice_for_posting.pdf).

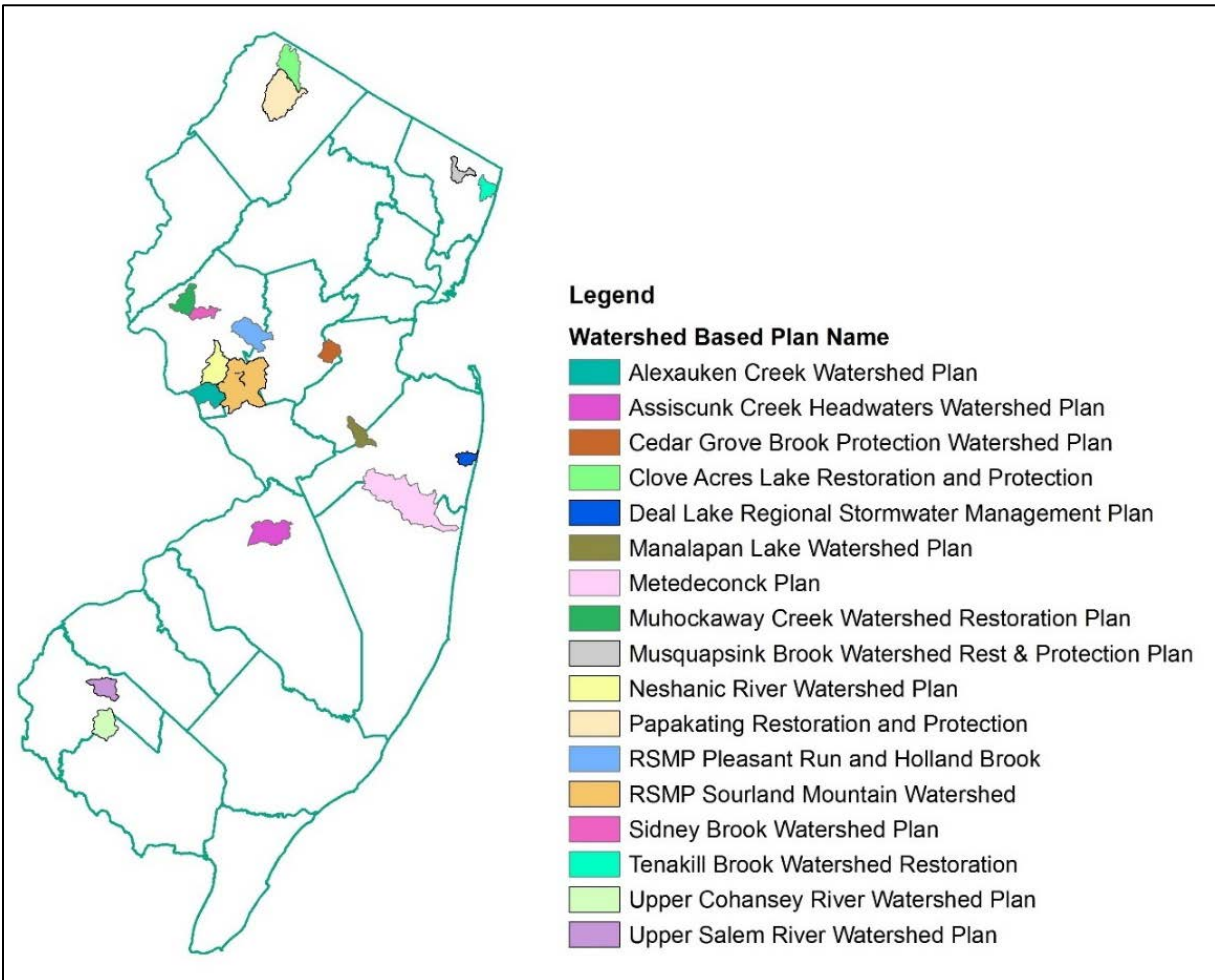
<sup>29</sup> USEPA. *Information Concerning 2016 Clean Water Act Sections 303(d), 305(b), and 314 Integrated Reporting and Listing Decisions*. August 13, 2015. [https://www.epa.gov/sites/production/files/2015-10/documents/2016-ir-memo-and-cover-memo-8\\_13\\_2015.pdf](https://www.epa.gov/sites/production/files/2015-10/documents/2016-ir-memo-and-cover-memo-8_13_2015.pdf).

<sup>30</sup> USEPA. *Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act*. July 29, 2005. <https://www.epa.gov/sites/production/files/2015-10/documents/2006irg-report.pdf>.



WBPs, can be an effective alternative to a TMDL to characterize pollutant sources, the reductions needed to attain standards, and the means to achieve the reductions. Approved WBPs (see Figure 3) are the basis for the development of Sublist 5R list.

**Figure 3. Approved 9-Element Watershed-based Plans**



Seventeen AU/pollutant combinations were placed on Sublist 5R of the draft 2014 Integrated List based on the following considerations:

- Previous or new pollutants causing use impairment;
- Covered by USEPA-approved Watershed Based Plan<sup>31</sup> containing the nine minimum elements;
- Not covered by a USEPA-approved TMDL; and
- No major industrial or municipal discharger (> 1 MGD) in AUs impaired by TP, DO, or pH.

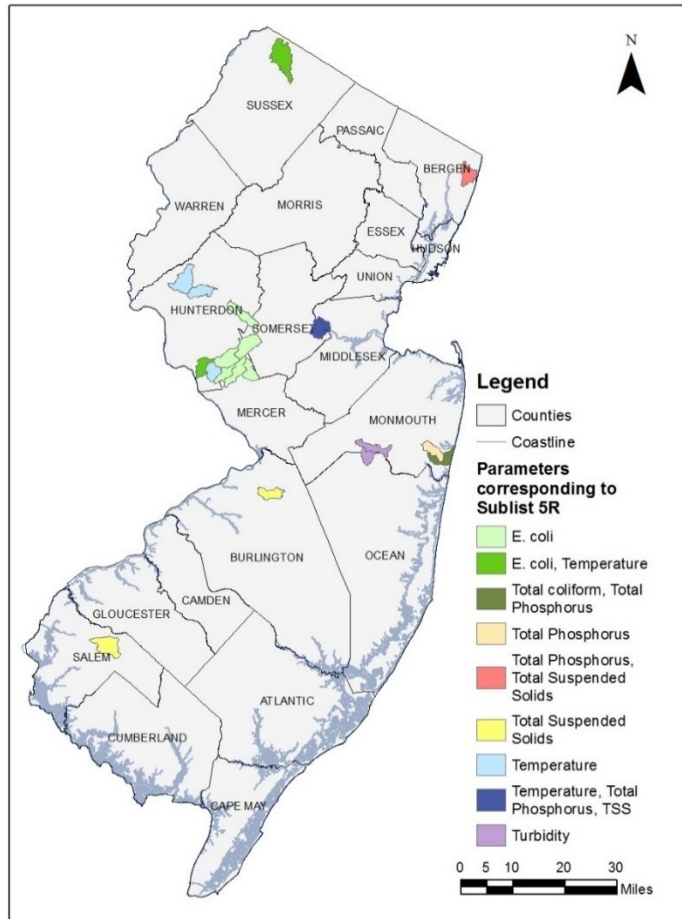
<sup>31</sup> A list of and links to these approved WBPs is available on the Department's website at <http://www.state.nj.us/dep/wms/bears/wbplans.htm>.

Causes of water quality impairment to be addressed under these approved WBPs include nutrients (TP, DO, and pH), temperature, pathogens, and total suspended solids. The spatial extent of these pollutant causes identified on Sublist 5R is shown in see Figure 4.

While TMDLs are still required for impaired waters on Sublist 5R, such TMDLs are considered a very low priority since implementation of the approved WBPs would be a more effective means to restore water quality and the prioritized funding for implementation of WBPs makes it more likely that restoration strategies will be implemented before a TMDL is developed, resulting in the delisting of the impaired parameter and to restore water quality. This is consistent with the alternative restoration approach articulated in USEPA’s Listing guidance, which allows alternative approaches to TMDL development where it is “expected to be more immediately beneficial or practicable in achieving WQS than pursuing a TMDL approach in the near-term”.

A more detailed explanation of the new structure of the 2014 Integrated List and the rationale for placing impaired waters on each subpart is provided in the final 2014 Methods Document<sup>32</sup> and is being refined for the 2016 Integrated Reporting cycle.<sup>33</sup> The process for statewide prioritization of impaired waters for TMDL development or other alternative measures in each subsequent listing cycle will be explained in each corresponding Methods Document under “Integrated List Guidance”. Public input into this prioritization process will occur in each cycle when the Department publishes the draft Methods Document for public review and comment. The results of this prioritization process will be reflected in the placement of impaired waters on Sublist 5 and its subparts, as part of the Integrated List that is included in each biennial Integrated Report. An opportunity for public review and comment on the draft Integrated List will be provided when the draft Integrated Report is published each listing cycle.

**Figure 4: Spatial extent of the 2014 Sublist 5R**



<sup>32</sup> NJDEP. 2014 *Integrated Water Quality Monitoring and Assessment Methods*. February 2015. Appendix B. [http://www.state.nj.us/dep/wms/bears/docs/2014\\_final\\_methods\\_document\\_and\\_response\\_to\\_comments.pdf](http://www.state.nj.us/dep/wms/bears/docs/2014_final_methods_document_and_response_to_comments.pdf).

<sup>33</sup> See [http://www.state.nj.us/dep/wms/bears/2016\\_integrated\\_report.htm](http://www.state.nj.us/dep/wms/bears/2016_integrated_report.htm).

**2016 Integrated  
Report:  
Raritan Water  
Region**

As explained earlier under the Rotating Basin Approach, the Raritan Water Region will be the focus area for comprehensive water quality assessment in the 2016 Integrated Report. A new stakeholder process was launched at the beginning of the 2016 integrated reporting cycle to provide more public engagement in accordance with the new USEPA Vision Document. Stakeholders including federal, state and local government agencies, watershed associations, academia, and engaged citizens were invited to participate in this process to share information and provide input that will inform water quality assessment and prioritization decisions for the Raritan Water Region.

An informal Raritan Water Region Stakeholder meeting was held on June 30, 2016 to share data and information, identify water quality concerns and causes, inventory restoration actions already underway, and seek recommendations on goals, strategies, and priorities for water quality restoration. Stakeholder recommendations included capturing stormwater runoff from existing development, reducing impervious cover, and adding/increasing vegetated buffers along streambanks. Stakeholder priorities for restoration actions included control of agricultural nonpoint source pollution from farms, reduction in road salting/de-icing operations, and removal of dam removal. Meeting participants also identified successful restoration strategies already being implemented in the Raritan Water Region, including “River Friendly” education programs<sup>34</sup>, Rutgers University Impervious Cover Reduction/Replacement projects, various rain gardens and/other green infrastructure projects, and wetlands reserve programs. Additional strategies were also recommended, including reductions in pesticide use and better protection of existing buffers. Stakeholders concurred with the Department that priority consideration should be given to implementation of the of TMDLs developed or under development for the non-tidal Raritan River Basin<sup>35</sup>, Upper Saddle River, Hohokus River, and Duhernal Lake, which were identified as high priorities for TMDL development on the 2012 and 2014 303(d) Lists<sup>36</sup>.

Subsequent stakeholder meetings were held on November 9, 2016 and February 23, 2017 in partnership with the Sustainable Raritan Collaborative<sup>37</sup> and the Rutgers University Sustainable Raritan River Initiative<sup>38</sup> to discuss preliminary results from the Department’s comprehensive water quality assessment for the Raritan Water Region.<sup>39</sup> The Department presented data and results, including potential new 303(d) Listings for impaired waters in the Raritan Water Region and waters with declining water quality that are not yet impaired. The Department worked closely with these stakeholders to identify water quality impairments in the Raritan Water Region for which restoration best management practices would have a high likelihood for success based on consideration of available stakeholder data/information, local priorities, source verification, additional monitoring needed, cost and available funding, expected cooperation and other social, economic, environmental

<sup>34</sup> A partnership between the Stony Brook-Millstone Watershed Association, New Jersey Water Supply Authority and Raritan Headwaters Association formed to implement a suite of “River-Friendly” programs for businesses, golf courses, schools and residents in New Jersey. See <http://www.njriverfriendly.org>.

<sup>35</sup> NJDEP. *Total Maximum Daily Load Report for the Non-Tidal Raritan River Basin Addressing Total Phosphorus, Dissolved Oxygen, pH and Total Suspended Solids Impairments*. Established: June 2, 2015; approved May 9, 2016; and adopted May 24, 2016. [http://www.nj.gov/dep/wms/bears/docs/raritan\\_tmdl\\_adopted.pdf](http://www.nj.gov/dep/wms/bears/docs/raritan_tmdl_adopted.pdf).

<sup>36</sup> See <http://www.state.nj.us/dep/wms/bears/assessment.htm>.

<sup>37</sup> See <http://raritan.rutgers.edu/about/background/>.

<sup>38</sup> See <http://raritan.rutgers.edu/>

<sup>39</sup> Additional information about this collaboration and proceedings from the stakeholder meetings are available on the Rutgers University website at <http://raritan.rutgers.edu/raritan-integrated-report/>.



factors. These “candidate waterbodies” will be used to identify priority waterbodies for restoration in the 2016 Integrated Report and are also identified as priorities for funding under the SFY 2017 Water Quality Restoration Grants, including CWA 319(h) pass-through grants.

The Department recently expanded New Jersey’s 319(h) NPS Grant Program into a Water Quality Restoration Grant Program to include other federal and State funds that may be available for NPS-related water quality restoration activities. Under this expanded grant program, the Department awards water quality restoration grants to fund watershed restoration activities and initiatives around New Jersey. Generally, grants are focused on restoration of water quality impaired predominantly by NPS pollution for waters located in a priority waterbody or region where the grant will help implement an approved TMDL or WBPs. The Department published a request for proposals (RFP) on March 10, 2017<sup>40</sup> soliciting applications for eligible NPS pollution control projects to be considered for funding under its Water Quality Restoration Grant Program.<sup>41</sup> Funding priorities for the SFY 2017 NPS grants include implementation of approved WBPs and TMDLs within the Raritan and Lower Delaware Water Regions, to coincide with the focus areas for the 2016 and 2018 Integrated Report, and “candidate waterbodies” identified through the Raritan Water Region stakeholder process. Other funding priorities include those identified through the stakeholder-driven Barnegat Bay 10-Point Action Plan, creation of “living shorelines”, coastal lake restoration, and green infrastructure projects to manage Combined Sewer Overflows (CSOs) for the 25 NJPDES-permitted CSOs that are concentrated in the northeast part of the State.

**USEPA  
Water Quality  
Measure 27  
(WQ-27)**

Since most parameters remaining on New Jersey’s 303(d) List are nonpoint source in origin, the Department has embraced USEPA’s new 303(d) Program Vision, which provides states with the flexibility to pursue alternate approaches to TMDL development where such approaches will be more effective in restoring water quality, and in a timelier fashion, than TMDLs. The Department plans to prepare additional WBPs to address water quality impairment caused by NPS pollution and stormwater, as well as watershed protection plans to restore and protect high quality or declining water quality in waters that are not impaired, concurrent with development of high priority TMDLs identified through the comprehensive regional assessment using a rotating basin approach. As part of reporting progress in implementing the CWA 303d Program Vision, USEPA and States developed new performance measure WQ-27, which is defined as:

Extent of priority areas identified by each State that are addressed by EPA-approved TMDLs or alternative restoration approaches for impaired waters that will achieve water quality standards. These areas may also include protection approaches for unimpaired waters to maintain water quality standards.<sup>42</sup>

New Jersey developed its first set of WQ-27 priority areas using the 2012 Listing Cycle as the baseline and 2022 as the target year for establishing TMDLs or alternative restoration approaches for impaired

<sup>40</sup> NJDEP. 2017 Water Quality Restoration Grants for Nonpoint Source Pollution Request for Proposals. March 20, 2017. [http://www.state.nj.us/dep/wms/bears/docs/nps\\_grant\\_rfp\\_2017.pdf](http://www.state.nj.us/dep/wms/bears/docs/nps_grant_rfp_2017.pdf).

<sup>41</sup> See <http://www.state.nj.us/dep/wms/bears/npsrestgrants.html>.

<sup>42</sup> USEPA. FY2017 National Water Program Guidance: Addendum. April 2016. EPA 800-R-16-002. Subobjective 2.2.1 Improve Water Quality on a Watershed Basis. WQ-27. P. 6. <https://www.epa.gov/sites/production/files/2016-04/documents/fy17-national-water-program-guidance-addendum.pdf>.

waters, or protection approaches for unimpaired waters (see Appendix 2) and submitted it to USEPA on July 1, 2015 in fulfillment of its WQ-27 reporting commitment for 2014. USEPA requires this WQ-27 list to be updated on an annual basis. As the Department moves forward with the Rotating Basin Approach, the stakeholder process will provide the opportunity for public engagement in this prioritization process by providing a forum through which the public can share information about local water quality concerns, local restoration needs and priorities, restoration actions already completed or underway, and opportunities for funding and/or leveraging of resources for restoration actions. Such a stakeholder process will be conducted in each subsequent Water Region and the results of these regional prioritization processes will be reported to USEPA through New Jersey's annual WQ-27 submissions and in each corresponding Integrated Report.

## Conclusion

The Department has invested significant resources in collecting and assessing water quality data and information, identifying sources and causes of water quality impairment, and developing and implementing strategies to restore water quality and meet statewide water quality goals and objectives. The Department has effectively engaged the public and other stakeholders at statewide, regional and local levels in these efforts. New Jersey has long embraced a comprehensive, integrated, stakeholder-based approach to water quality protection. Our partners have played a key role in the successful development and implementation of the Whippany Watershed Project, the Passaic and Raritan Basin TMDLs, and the Barnegat Bay 10-Point Action Plan, among others.

To date, the Department has completed TMDLs for over 600 assessment unit/pollutant combinations TMDLs, which address over 80% of impaired waterbodies in New Jersey that have at least one major point source discharger within the TMDL study area. A table showing all New Jersey TMDLs and their approval status is available on the Department's website at <http://www.state.nj.us/dep/wms/bears/tmdls.html>. Because of the Department-led, stakeholder-driven, comprehensive watershed management process throughout the State, the Department has maintained a long-term commitment to public participation in the development of TMDLs. Direct input was received from stakeholders for the comprehensive Passaic and Raritan TMDLs, resulting in permit limits and NPS restoration strategies, which currently serve as funding priorities for funding through NPS restoration grants.

The new USEPA CWA 303(d) Program Vision provides much-needed flexibility and support to continue such efforts. The Rotating Basin Approach to Comprehensive Regional Assessment will allow the Department to prioritize water quality restoration on a regional basis and pursue restoration strategies that are most effective for addressing those priority concerns, including development, implementation and funding of NPS control measures where they provide a feasible alternative to TMDL development. Successful execution of NPS measures depends on maintaining existing partnerships and forging new ones with state, interstate, regional and local entities; private sector groups; citizens; and federal and other government agencies. These partners and their affiliated programs have goals that align or overlap with the goals of the Department, thus providing mutual benefits. Partnerships strengthen the program by attracting new ideas and input, increasing understanding of water quality problems and causes, and building commitment to implementing solutions. Partnerships are paramount to implementing the State's short- and long-term water quality goals and objectives. The Department will continue to work closely with our partners to implement

the broad range of available NPS reduction and prevention strategies along with other approaches necessary to address the full array of water quality issues in New Jersey. These include development of watershed restoration and protection plans, prioritization of available funding to implement nonpoint source reduction and prevention measures, stewardship building and environmental education intended to enhance local initiatives to reduce and prevent nonpoint source pollution, which would include adoption of ordinances related to riparian zone and steep slope protection.

This document will be refined and expanded to address the remaining goals of the USEPA CWA 303(d) Program Vision in accordance with the deadlines established in their guidance document and will be published in subsequent Integrated Reports.

## Appendix 1: New Jersey's Initial WQ-27 Measure Candidates (based on 2012 Integrated Report)

Assessment Unit ID	Assessment Unit Name	Cause Name	Plan Type
NJ02030103140010-01	Hohokus Bk (above Godwin Ave)	PHOSPHORUS, TOTAL	TMDL
NJ02030103140030-01	Hohokus Bk(below Pennington Ave)	PHOSPHORUS, TOTAL	TMDL
NJ02030103140050-01	Saddle River (Rt 4 to HoHoKus)	PHOSPHORUS, TOTAL	TMDL
NJ02030103140060-01	Saddle River (Lodi gage to Rt 4)	PHOSPHORUS, TOTAL	TMDL
NJ02030103140070-01	Saddle River (below Lodi gage)	PHOSPHORUS, TOTAL	TMDL
NJ02030103140080-01	Saddle River (Hohokus to Ridgewood gage)	PHOSPHORUS, TOTAL	TMDL
NJ02030105010060-01	Raritan R SB(Califon br to Long Valley)	PH	TMDL
NJ02030105010080-01	Raritan R SB(Spruce Run-StoneMill gage)	PHOSPHORUS, TOTAL	TMDL
NJ02030105020050-01	Beaver Brook (Clinton)	PHOSPHORUS, TOTAL	TMDL
NJ02030105020070-01	Raritan R SB(River Rd to Spruce Run)	PHOSPHORUS, TOTAL	TMDL
NJ02030105020070-01	Raritan R SB(River Rd to Spruce Run)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105020080-01	Raritan R SB(Prescott Bk to River Rd)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105020100-01	Raritan R SB(Three Bridges-Prescott Bk)	PHOSPHORUS, TOTAL	TMDL
NJ02030105020100-01	Raritan R SB(Three Bridges-Prescott Bk)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105030060-01	Neshanic River (below FNR / SNR confl)	PHOSPHORUS, TOTAL	TMDL
NJ02030105030070-01	Neshanic River (below Black Brk)	PHOSPHORUS, TOTAL	TMDL
NJ02030105040010-01	Raritan R SB(Pleasant Run-Three Bridges)	PHOSPHORUS, TOTAL	TMDL
NJ02030105040030-01	Holland Brook	PHOSPHORUS, TOTAL	TMDL
NJ02030105040040-01	Raritan R SB(NB to Pleasant Run)	PH	TMDL
NJ02030105040040-01	Raritan R SB(NB to Pleasant Run)	PHOSPHORUS, TOTAL	TMDL
NJ02030105050020-01	Lamington R (Hillside Rd to Rt 10)	PHOSPHORUS, TOTAL	TMDL
NJ02030105050070-01	Lamington R(HallsBrRd-HerzogBrk)	PH	TMDL
NJ02030105050070-01	Lamington R(HallsBrRd-HerzogBrk)	PHOSPHORUS, TOTAL	TMDL
NJ02030105050090-01	Rockaway Ck (below McCrea Mills)	PHOSPHORUS, TOTAL	TMDL
NJ02030105050100-01	Rockaway Ck SB	PHOSPHORUS, TOTAL	TMDL
NJ02030105050100-01	Rockaway Ck SB	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105060040-01	Raritan R NB(Peapack Bk to McVickers Bk)	PHOSPHORUS, TOTAL	TMDL
NJ02030105060040-01	Raritan R NB(Peapack Bk to McVickers Bk)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105080020-01	Raritan R Lwr (Rt 206 to NB / SB)	PHOSPHORUS, TOTAL	TMDL
NJ02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	PHOSPHORUS, TOTAL	TMDL
NJ02030105080030-01	Raritan R Lwr (Millstone to Rt 206)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105090050-01	Stony Bk(Province Line Rd to 74d46m dam)	PHOSPHORUS, TOTAL	TMDL
NJ02030105090060-01	Stony Bk (Rt 206 to Province Line Rd)	PHOSPHORUS, TOTAL	TMDL
NJ02030105090070-01	Stony Bk (Harrison St to Rt 206)	PHOSPHORUS, TOTAL	TMDL

Assessment Unit ID	Assessment Unit Name	Cause Name	Plan Type
NJ02030105090090-01	Stony Bk- Princeton drainage	PHOSPHORUS, TOTAL	TMDL
NJ02030105100010-01	Millstone River (above Rt 33)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100010-01	Millstone River (above Rt 33)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105100020-01	Millstone R (Applegarth road to Rt 33)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100020-01	Millstone R (Applegarth road to Rt 33)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105100030-01	Millstone R (RockyBk to Applegarth road)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100050-01	Rocky Brook (below Monmouth Co line)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	DISSOLVED OXYGEN	TMDL
NJ02030105100060-01	Millstone R (Cranbury Bk to Rocky Bk)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100090-01	Cranbury Brook (below NJ Turnpike)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100110-01	Devils Brook	PHOSPHORUS, TOTAL	TMDL
NJ02030105100130-01	Bear Brook (below Trenton Road)	PHOSPHORUS, TOTAL	TMDL
NJ02030105100140-01	Millstone R (Rt 1 to Cranbury Bk)	PHOSPHORUS, TOTAL	TMDL
NJ02030105110020-01	Millstone R (HeathcoteBk to Harrison St)	PHOSPHORUS, TOTAL	TMDL
NJ02030105110050-01	Beden Brook (below Province Line Rd)	PHOSPHORUS, TOTAL	TMDL
NJ02030105110100-01	Pike Run (below Cruser Brook)	PHOSPHORUS, TOTAL	TMDL
NJ02030105120130-01	Green Brook (below Bound Brook)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105120140-01	Raritan R Lwr(I-287 Piscatway-Millstone)	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105150010-01	Weamaconk Creek	PHOSPHORUS, TOTAL	TMDL
NJ02030105150010-01	Weamaconk Creek	TOTAL SUSPENDED SOLIDS (TSS)	TMDL
NJ02030105150030-01	McGellairds Brook (below Taylors Mills)	PHOSPHORUS, TOTAL	TMDL
NJ02030105150060-01	Matchaponix Brook (below Pine Brook)	PHOSPHORUS, TOTAL	TMDL
NJ02040301020010-01	Metedeconk R NB(above I-195)	NITRATES	Protection Plan
NJ02040301020010-01	Metedeconk R NB(above I-195)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301020020-01	Metedeconk R NB(Rt 9 to I-195)	NITRATES	Protection Plan
NJ02040301020020-01	Metedeconk R NB(Rt 9 to I-195)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301020020-01	Metedeconk R NB(Rt 9 to I-195)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301020020-01	Metedeconk R NB(Rt 9 to I-195)	TURBIDITY	Protection Plan
NJ02040301020050-01	Metedeconk R NB (confluence to Rt 9)	NITRATES	Protection Plan
NJ02040301020050-01	Metedeconk R NB (confluence to Rt 9)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301020050-01	Metedeconk R NB (confluence to Rt 9)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301020050-01	Metedeconk R NB (confluence to Rt 9)	TURBIDITY	Protection Plan
NJ02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301030010-01	Metedeconk R SB (above I-195 exit 21 rd)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301030020-01	Metedeconk R SB (74d19m15s to I-195 X21)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan

Assessment Unit ID	Assessment Unit Name	Cause Name	Plan Type
NJ02040301030030-01	Metedeconk R SB(BennettsPd to 74d19m15s)	NITRATES	Protection Plan
NJ02040301030030-01	Metedeconk R SB(BennettsPd to 74d19m15s)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301030030-01	Metedeconk R SB(BennettsPd to 74d19m15s)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	NITRATES	Protection Plan
NJ02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301030040-01	Metedeconk R SB (Rt 9 to Bennetts Pond)	TURBIDITY	Protection Plan
NJ02040301030050-01	Metedeconk R SB (confluence to Rt 9)	NITRATES	Protection Plan
NJ02040301030050-01	Metedeconk R SB (confluence to Rt 9)	PHOSPHORUS, TOTAL	Protection Plan
NJ02040301030050-01	Metedeconk R SB (confluence to Rt 9)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan
NJ02040301030050-01	Metedeconk R SB (confluence to Rt 9)	TURBIDITY	Protection Plan
NJ02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	NITRATES	Protection Plan
NJ02040301040020-01	Metedeconk R (Beaverdam Ck to confl)	TOTAL SUSPENDED SOLIDS (TSS)	Protection Plan

## Appendix 2: Long Term Monitoring and Assessment Strategy

The Department oversees the operation of the primary water quality monitoring networks for the State of New Jersey. Monitoring strategies employed by the Department are comprised of multiple water quality assessment techniques including: habitat assessments, in-stream biological monitoring such as fish population surveys, collection of physical/chemical data on a variety of matrices (surface water, ground water, sediment), identifying pollution sources in the coastal and freshwater environment (discharges, stormwater, marinas), and sediment toxicity testing. Monitoring conducted by other entities, such as federal and county government agencies, regional commissions (e.g., Pinelands Commission) watershed associations (including voluntary citizen monitoring) and discharger associations, is also used to supplement these networks and expand the range and scope of information available for water quality assessment. New Jersey's water monitoring programs and federally-required long term monitoring strategy (LTMS) are described in New Jersey's Water Monitoring and Assessment Strategy (2005-2014), available on the Department's website at <http://www.state.nj.us/dep/wms/longtermstrategyreport.pdf>. The LTMS is currently being updated for the 2015-2022 timeframe. The update to the Department's LTMS will explain in more detail how the Department's monitoring and assessment programs are being transformed to support a more iterative process. The LTS for 2015-2022 will divide the Department's ambient monitoring network into three distinct tiers, each with a different focus:

Tier 1 - Statewide Status and Trends Monitoring: will focus on collecting statewide water quality data and information to comply with federal and state mandates. This tier will utilize fixed stations and probabilistically-selected monitoring locations to provide long-term data and information that support water quality assessment, water quality status (including identification of impaired waters, causes and sources), and trends evaluation.

Tier 2 - Targeted Monitoring: will focus on monitoring of targeted areas or specific issues to provide a more comprehensive evaluation of areas of interest, including monitoring in a specific or priority stream, watershed or region to fill data gaps, confirm suspected impairment, track down sources of pollutants causing impairment, and confirm water quality conditions attributed to natural conditions.

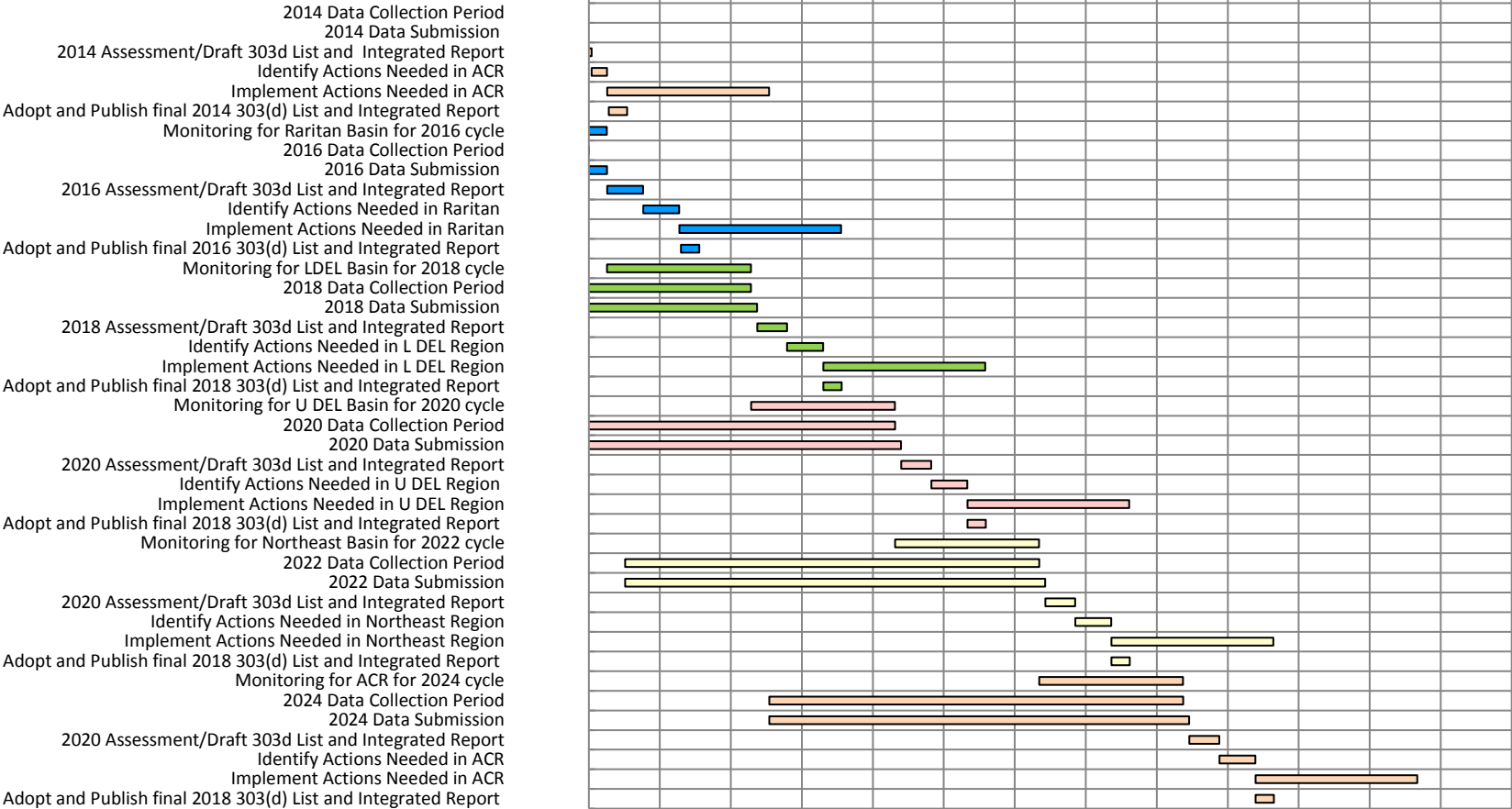
Tier 3 - Effectiveness Monitoring: will provide follow-up analysis to evaluate effectiveness of various management measures that have been implemented for areas of interest and confirm any corresponding improvement in water quality. Effectiveness of waterbody-specific management actions will be determined using indicators of improvement that are evaluated before and after management actions are implemented.

The rotating basin approach which will produce a comprehensive assessment of water quality in each of New Jersey five water regions on a cyclical basis. Priorities will be identified in collaboration with a stakeholder process for each water region coincident with the biennial Integrated Report cycle. Informal stakeholder input is sought for the specific water region at the time leading up to the preparation of the Integrated Report.



## Rotating Basin Approach Monitoring and Assessment Cycles

Jul-15 Jun-16 Jun-17 Jun-18 Jun-19 Jun-20 May-21 May-22 May-23 May-24 May-25 May-26 Apr-27 Apr-28





Through effectiveness monitoring the Department will be able to ascertain the success of its restoration initiatives over the past 15 years such as the efficacy of the statewide fertilizer law which went into effect in 2011, as well as various 319(h) NPS funded restoration BMPs, and implemented TMDLs. Through the Department's progressive watershed management process benchmark monitoring was performed in the late 1990's in both the Toms River watershed in south Jersey (part of the Barnegat Bay watershed) and in the Whippany River watershed in north Jersey. The purpose of these previous monitoring initiatives was to determine regional specific land use loading coefficients. In the Spring of 2017, the Department will begin nonpoint source stormwater monitoring in the Toms River as a repeat of its 1994-98 investigation of land use loading coefficients. The same initiative will be reiterated in the Whippany River watershed. These multi-year surface water quality investigations will calculate the NPS loadings of nutrient, bacteria and suspended solids from various land use areas in these watersheds. It is anticipated that improvements in NPS loading from overland flow and the effectiveness of the fertilizer ordinance will be captured in these baseline investigations.

Watershed based plans employ an adaptive management approach in which available information and analytical tools are used to support the best planning decisions that can be made ensuring restoration and stewardship of impaired waters. The implementation specification found in watershed based plans is more detailed than in a TMDL document and is eligible for Section 319(h) funding. Further, there is a mechanism by which a watershed based plan could inform the need for enhanced regulatory requirements under the MS4 permitting. Therefore, there is no loss of implementation authority using the tool of a watershed based plan over a TMDL, in the intended circumstances.

This approach allows the Department to provide a transparent and rational identification of the intended response to listed impairments. Future site-specific assessment will be streamlined through the continuation of an engaged stakeholder process and resultant updates to the WQ-27 measures list to identify forthcoming restoration and protection assessment unit candidates. The funding of projects to address the WQ-27 candidates and the implementation of the Department's Long-Term Monitoring Strategy to address Tier 2 Targeted Monitoring assessment units and Tier 3 Effectiveness Monitoring assessment units will cap the New Jersey's Vision Approach to protect healthy waters and continue to restore impaired waters.