

# LANDING PAGE

The landing page of the application opens on the first tab of the Story Map, titled “**Introduction to Category One Waters**”. Click on the stacked accordions to uncover answers and helpful infographics to Frequently Asked Questions.

Information on the definition of C1 waters, designation criteria, protections applicable to C1 waters, and a timeline of C1-related rulemakings are provided in this tab by clicking on accordions.

Protecting New Jersey's Exceptional Waters: Category One Waters

This storymap is for informational purposes only, and is not legally binding. When interpreting the SWQS, the written standards found in the most recently adopted SWQS rules at N.J.A.C. 7:9B always take precedence.

Introduction to Category One Waters    Map - 2020 Category One Waters    Accordions

CLICK FOR TAB 2 INSTRUCTIONS    CLICK FOR TAB 3 INSTRUCTIONS

### New Jersey's Surface Waters

New Jersey is the most densely populated state in the U.S. and yet it boasts approximately 23,500 miles of rivers and streams that serve important ecological functions and provide ecosystem services to the state's residents. Around 15 percent of these river miles fall within Federal and State parks such as the Pinelands Preservation Area, as well as Wildlife Management Areas, and are set aside for posterity for protection of their superior water quality. Another 32 percent of the total river miles correspond to the state's high quality waters, such as the Third Neshanic River and waters with self-sustaining trout populations which are offered protections against degradation.

Sightings of important endangered species such as the bog turtle and yellow lampmussel, counts of pollution indicator species known as macroinvertebrates, water quality indicator data, and populations of cold water trout are reviewed on a periodic basis by the DEP to determine which waters are of high quality, and therefore could benefit from protection.

In compliance with the Federal Clean Water Act and the Federal Water Quality Standards Regulations at 40 C.F.R. 131.12, states are required to include an antidegradation policy in order to maintain and protect high quality waters. These high quality waters must exceed levels necessary to support the protection and propagation of fish, shellfish, wildlife, and recreation in and on the water. These federal standards are translated into the Surface Water Quality Standards at N.J.A.C. 7:9B, which are periodically updated to include additional upgrades based on antidegradation policies.

### What are Category One Waters?

### Why designate waters as Category One?

## Protecting New Jersey's Exceptional Waters: Category One Waters

Warren County, a protected Category One waterway.

Photo Credit: DEP

CLICK ON ACCORDIONS, SCROLL DOWN

## Instructions for Using the Category One (C1) Waters Story Map

# TAB 2

The second tab of the Story Map, “**Map - All Category One Waters**”, features a map showing C1 streams in New Jersey as a LINE layer, which becomes more detailed as you zoom in.

This map also includes a POINTS layer for background information on C1 streams that were designated based on an exceptional significance.

**Protecting New Jersey's Exceptional Waters: Category One Waters**

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**CLICK FOR TAB 1 INSTRUCTIONS**

**CLICK FOR TAB 3 INSTRUCTIONS**

**LEGEND**

Category One (C1) Waters Designations Since 2003 in New Jersey

- Exceptional Ecological Significance - Exceptional Aquatic Community
- Exceptional Ecological Significance - Threatened and Endangered Species
- Exceptional Fisheries Designation

**Existing Category One Waters**


The definition of what constituted a C1 Water was revised in 2003, which broadened the scope of eligible waters to include waters of Exceptional Water Supply (EWS), Exceptional Ecological Significance (EES), and Exceptional Fisheries Resource (EFR). Since then, the DEP has upgraded numerous waterbodies to the C1 status. In 2009, the DEP further defined the waters of Exceptional Ecological Significance into two categories:


- 1) endangered and threatened species, and
- 2) exceptional aquatic community.

This storymap features all C1 waters. C1 waters adopted since 2003 are identified with an appropriate symbol based on the exceptional resource value and the date of designation.

Zoom into the map to view existing surface water classifications for all NJ waterbodies.

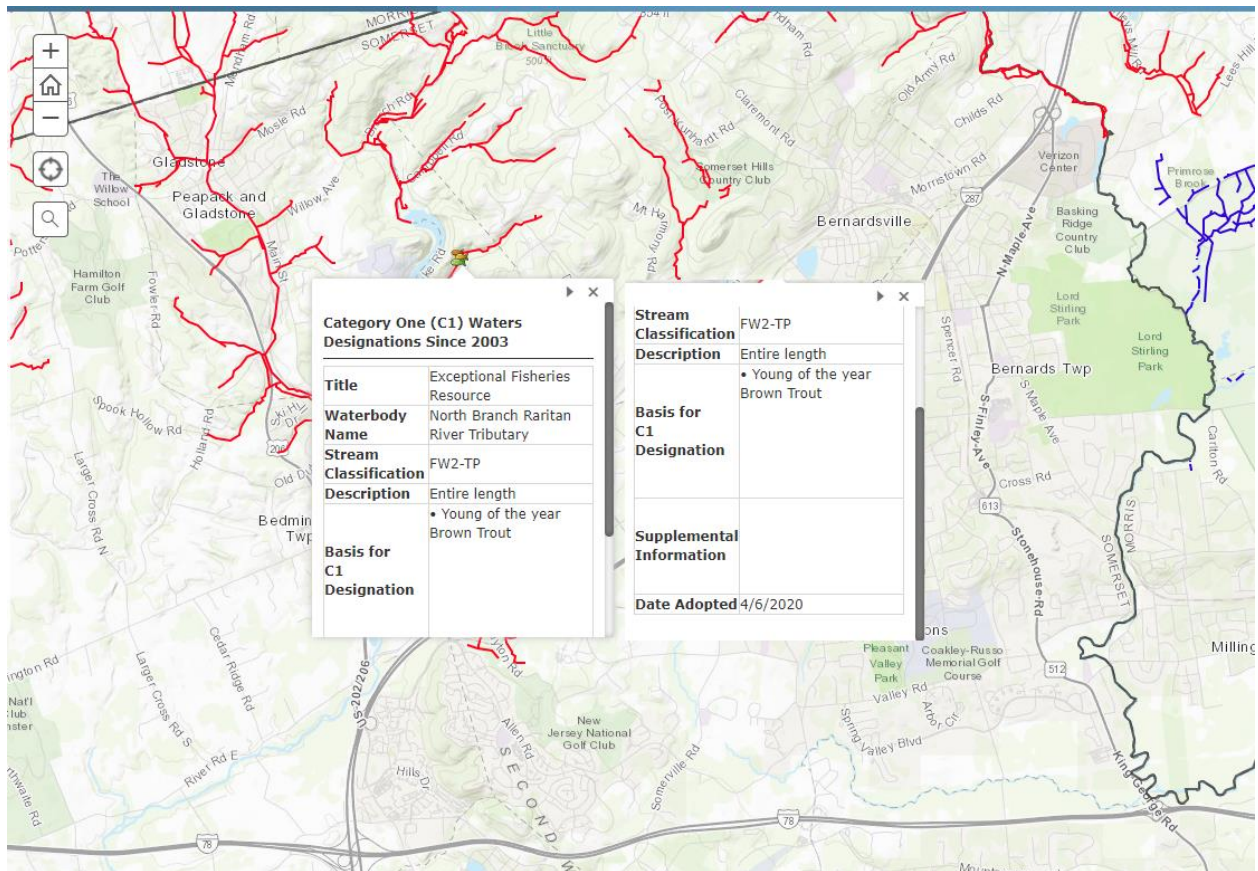
By clicking on the **Legend** tab on the top right (circled in purple), one may view different exceptional significance qualifiers for C1 waters, and read through stream classification acronyms.

Click on the **Address Search**  icon (circled in red) to type in an address to view nearby C1 waters.

Click on the **Find My Location**  icon (circled in green) to immediately zoom to your device's current address.

## Instructions for Using the Category One (C1) Waters Story Map

**Zoom in** to a C1 water, and click on a point to view more information on the basis for that particular stream's exceptional significance designation. More information on the designation can be found in the ruling by date at [SWQS Rules](#) in the Rule Amendments tab.



## Instructions for Using the Category One (C1) Waters Story Map

# TAB 3

The third tab of the Story Map, titled “**Map - 2020 Category One Upgrades and Trout Reclassifications**” features content related to the most recent [2020 C1 Adoption](#).

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**2020 Category One Upgrades and Trout Reclassifications**

On April 6 2020, 600 river miles were upgraded to C1 designation after fulfilling criteria based on exceptional ecological significance (EES) - exceptional aquatic community, waters supporting threatened and endangered species, as well as exceptional fisheries resources (EFR). The results of the rulemaking are summarized below:

C1 Designations	River Miles
EES - Aquatic Life	455
EES - Threatened & Endangered Species	137
EFR - Trout Production	53
<b>Total</b>	<b>600*</b>

\*The total of 600 river miles includes overlap between Aquatic Life, Threatened & Endangered Species, and Trout Production designations.

For additional information on the 2020 C1 adoption, please visit the [FAQ](#) and the [SWQS website](#).

The legend to the right provides a key for the adopted C1 designations and trout reclassifications for 2020.

Zoom into the map to view surface water classifications for all NJ waterbodies.

**Layer List**

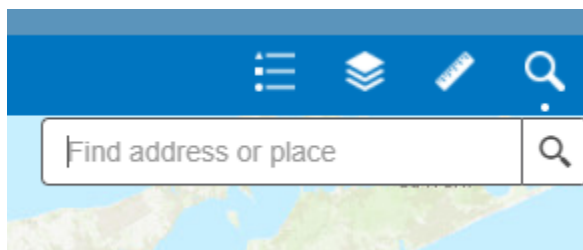
- 2020 C1 Adoption and Trout Reclassifications
- All Category One (C1) Waters of New Jersey
- Surface Water Quality Classifications of New Jersey
- NUPDES Surface Water Discharges in New Jersey (1-12,000) - Surface Water Discharge Points
- New Jersey - Watersheds (Subwatersheds by name) DEPHUC14
- New Jersey Pinelands Boundaries
- Highlands Preservation and Planning Area
- State, Local and Nonprofits Open Space of New Jersey - Open Space
- Municipalities
- Counties

**Address Search**

Find address or place


In the **Layer List** (outlined in red), select map coverages that you are interested in viewing. The Layer List provides a specialized selection of GIS layers that tie into the Surface Water Quality Standards when determining stream classifications, antidegradation protections, and more.

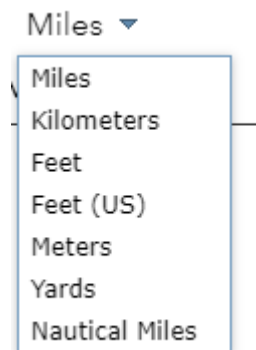
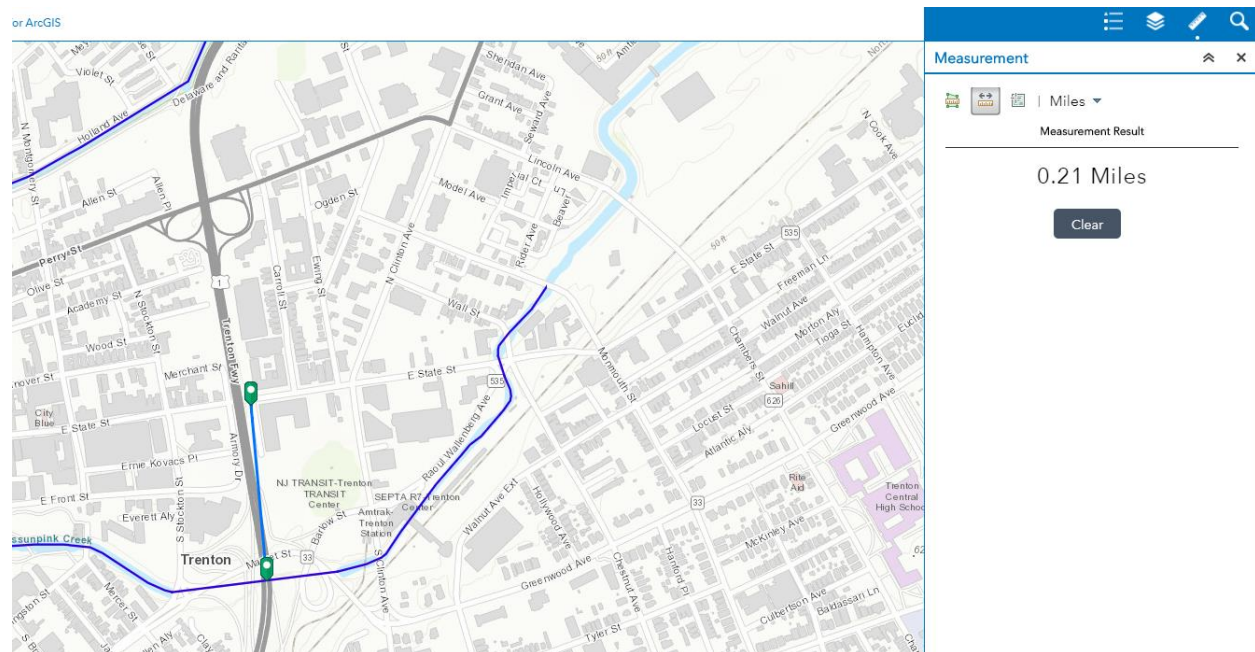
Use the **Address Search** tool (outlined in orange) to zoom to a desired location.



## Instructions for Using the Category One (C1) Waters Story Map

Use the **Measurement**  tool (outlined in purple) to measure the distance between two features on the interactive map.

To use the tool to measure distances, select the distance ruler icon (  ). Next, click on the starting point location; move your mouse to the final destination and click again to establish your ending point. The measurement result will appear, which can be adjusted to your desired units.



# Instructions for Using the Category One (C1) Waters Story Map



Use the **Legend** (outlined in green) to view all the written acronyms for surface water classifications.

**Legend**

**2020 C1 Adoption and Trout Reclassifications**

- DRBC (Delaware River Basin Commission) - Zone-1C
- DRBC-Zone-1D
- DRBC-Zone-1E
- DRBC-Zone-2
- DRBC-Zone-3
- DRBC-Zone-4
- DRBC-Zone-5
- FW1 (Freshwater 1)
- FW1-TM (Freshwater 1 - Trout Maintenance)
- FW1-TP (Freshwater 1 - Trout Production)
- FW2-NT (Freshwater 2 - Non-Trout)
- FW2-NT/SE1 (Freshwater 2 - Non-Trout / Saline-Estuarine 1)
- FW2-NT/SE2 (Freshwater 2 - Non-Trout / Saline-Estuarine 2)
- FW2-NT/SE3 (Freshwater 2 - Non-Trout / Saline-Estuarine 3)
- FW2-NTC1 (Freshwater 2 - Non-Trout C1)
- FW2-NTC1/SE1 (Freshwater 2 - Non-Trout C1 / Saline-Estuarine 1)
- FW2-NTC1/SE1/SC (Freshwater 2 - Non-Trout C1 / Saline-Estuarine 1 / Saline Coastal)
- FW2-TM (Freshwater 2 - Trout Maintenance)
- FW2-TM/SE1 (Freshwater 2 - Trout Maintenance / Saline-Estuarine 1)
- FW2-TMC1 (Freshwater 2 - Trout Maintenance C1)
- FW2-TP (Freshwater 2 - Trout Production)
- FW2-TPC1 (Freshwater 2 - Trout Production C1)
- PL (Pinelands)