Division of Water Quality  
P.O. Box 029 Trenton, NJ  08625-0029  
Phone: 609-633-7021  
Fax: 609-984-2147

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Date 03/30/2007

Re:  Final Stormwater Discharge Master General Permit Major Modification  
NJPDES Stormwater Discharge Permit No. NJ0132721  
NJPDES Master General Permit Program Interest  
Trenton City, Mercer County

Dear Permittee and Interested Parties:

Enclosed is a final New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above, authorizing the discharge of stormwater from Hot Mix Asphalt Producing facilities to surface and ground waters of the State of New Jersey, which has been issued in accordance with N.J.A.C. 7:14A. A copy of the Hot Mix Asphalt Producers General Permit (HMAP), the Fact Sheet and relevant attachments are on the Department website at http://www.state.nj.us/dep/dwq/gp_stormwater.htm#asphalt. This action modifies the following permit conditions:

Major modifications:
- Added requirements for stormwater discharges to ground water (DGW).
- Changed submittal and compliance schedules from Effective Date of Permit (EDP) to Effective Date of Permit Authorization (EDPA) where appropriate.

Administrative corrections and clarifications:
- Changed stormwater-only monitoring frequency from a limited monthly schedule to regular quarterly schedule;
- Changed the wording of submittal requirements from Attachment C, Attachment D and Annual Recertification D to the new Certification Form which has multiple check boxes for certification of SPPP Preparation, SPPP Implementation and Annual Certification.
- Clarified the language regarding management of recyclables;
- Clarified the language regarding water recycling;
- Made additions to the list of definitions;
- Made miscellaneous typographical corrections.

No written comments were received on the draft action during the comment period, and no provisions of the draft permit have been changed in the final permit. Therefore, the right by you, or any third party, to contest the permit conditions in an adjudicatory hearing is hereby waived pursuant to N.J.A.C. 7:14A-15.13.

As per N.J.A.C. 7:14A-4.2(e)3, any person planning to continue discharging after the expiration date of an existing NJPDES permit shall file an application for renewal at least 180 calendar days prior to the expiration of the existing permit.
All monitoring shall be conducted in accordance with the Department's "Field Sampling Procedures Manual" applicable at the time of sampling (N.J.A.C. 7:14A-6.5(b)(4)). The Field Sampling Procedures Manual is available through Maps and Publications Sales Office; Bureau of Revenue, PO Box 417, Trenton, New Jersey 08625, at (609) 777-1038.

Questions or comments regarding the final action should be addressed to Louisa Lubiak at 609-633-7021.

Sincerely,

Barry Chalofsky, P.P., Chief,
Bureau of Nonpoint Pollution Control

Enclosures: HMAP Master General Permit Modification

cc: Permit Distribution List
    Northern Bureau Water Compliance & Enforcement
    Southern Bureau Water Compliance & Enforcement
    Central Bureau Water Compliance & Enforcement
    Bureau File
    Permit File NJ0132721
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5. Part II GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

6. Part III LIMITS AND MONITORING REQUIREMENTS

7. Part IV SPECIFIC REQUIREMENTS: NARRATIVE
The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey’s valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state’s environment is appreciated.

Permit Number: NJ0132721

Final: Stormwater Discharge Master General Permit Modification

**Permittee:**
NJDEP DIVISION OF WATER QUALITY  
401 E STATE ST  
Trenton, NJ 08625

**Co-Permittee:**
—

**Property Owner:**
NJDEP DIVISION OF WATER QUALITY  
401 E STATE ST  
Trenton, NJ 08625

**Location Of Activity:**
NJDEP MASTER GENERAL PERMIT PROGRAM INTEREST  
401 E STATE ST  
Trenton, NJ 08625

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By Authority of:
Commissioner’s Office

DEP AUTHORIZATION
Barry Chalofsky, P.P.
Bureau of Nonpoint Pollution Control
Division of Water Quality

(Terms, conditions and provisions attached hereto)
PART I

GENERAL REQUIREMENTS:
NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

   a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of the final permit.

   b. General Conditions

   Penalties for Violations
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   Toxic Pollutants
   Duty to Comply
   Duty to Mitigate
   Inspection and Entry
   Enforcement Action
   Duty to Reapply
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   Effect of Permit/Other Laws
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   Reopener Clause
   Permit Duration and Renewal
   Consolidation of Permit Process
   Confidentiality
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   Proper Operation and Maintenance

   d. Monitoring And Records

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   Recordkeeping
   Signatory Requirements for Monitoring Reports

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   Reporting of Monitoring Results
   Noncompliance Reporting
      Hotline/Two Hour & Twenty-four Hour Reporting
      Written Reporting
   Duty to Provide Information
   Schedules of Compliance
   Transfer
PART II

GENERAL REQUIREMENTS:
DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Stormwater Discharge Requirements

   a. In addition to the conditions in Part I of this permit, the conditions in this section are applicable to
      activities at the permitted location and are incorporated by reference. The permit is required to
      comply with the regulations, which are in effect as of the effective date of this final permit.


      ii. Procedures and conditions applicable to Stormwater Discharges N.J.A.C. 7:14A-11 et seq. &
          7:14A-24 et seq.


      iv. Prohibitions, procedures and conditions applicable to Underground Injection Control (UIC)

B. General Conditions

1. Permit Area

   a. This permit applies to all areas of the State of New Jersey.

2. Eligibility

   a. This permit may authorize only those new and existing industrial stormwater discharges to surface
      and/or ground waters from facilities engaging in the manufacture of asphalt concrete (SIC Code
      2951 or NAICS Code 32412) and/or from any other facilities the Department deems a primary
      manufacturer of asphalt concrete and/or asphalt concrete products, except for the following:

      i. Stormwater discharges (such as a comingled discharge) authorized under another NJPDES
         Discharge to Surface Water (DSW) or NJPDES Discharge to Ground Water (DGW) permit
         (including an expired permit). Asphalt facilities under an existing individual permit may request
         authorization under this permit action if eligible for this permit;

      ii. Stormwater discharges from facilities with "sanitary landfills" or "hazardous waste landfills", as
          defined in N.J.A.C. 7:26-1.4, which have "significant material(s)" exposed, as defined in 40
          CFR 122.26(b)(12);

      iii. Stormwater discharges from facilities subject to EPA stormwater effluent guidelines (facilities
           involved in the production of asphalt emulsion), under 40 CFR Subchapter N Part 443;

      iv. Other discharges are not authorized by this permit, even if such discharges are combined with
          stormwater discharges that are authorized by this permit;

      v. New operations with discharges to surface waters classified as Category One (C1), Pinelands
         Waters (PL) or Fresh Water One (FW1) designated in the tables in N.J.A.C. 7:9B-1.15; or
vi. New operations with discharges to ground water in areas classified under N.J.A.C. 7:9-6 as Class 1-A and Class 1-PL, or which discharge to ground water that contributes to surface waters classified as C1 or FW1.

b. The permittee shall submit a Renewal Report in accordance with Part IV Section F.4.c as a requirement to remain in the HMAP General Permit.

3. Authorization

a. To obtain authorization under this permit (except for automatic renewal authorization under B.4 below), a complete Request for Authorization (RFA) including an RFA supplemental form shall be submitted in accordance with the requirements of this permit. Upon review of the RFA, the Department may, in accordance with N.J.A.C. 7:14A-6.13, either:
   i. Issue notification of authorization under this permit, in which case, authorization is deemed effective as of the first day of the following month;
   ii. Deny authorization under this permit and require submittal of an application for an individual permit; or
   iii. Deny authorization under this permit and require submittal of an RFA for another general permit.

b. For discharges authorized under this permit, the permittee is exempt from N.J.A.C. 7:14A-6.2(a)2. This exemption means that the discharge of any pollutant not specifically regulated in the NJPDES permit or listed and quantified in the NJPDES application or RFA shall not constitute a violation of the permit.

4. Automatic Renewal of Authorization

a. Authorization under this permit will be automatically renewed when this general permit is reissued as provided by N.J.A.C. 7:14A-6.13(d)9 as long as the discharge authorized under the general permit continues to be eligible as defined in Section B.2 above.

b. The Department shall issue a notice of renewed authorization to the permittee.

c. If the permittee is aware of any information in the most recently submitted RFA that is no longer true, accurate, and/or complete, the permittee shall provide the correct information to the Department within 90 days of the effective renewal authorization notice.

d. A permittee whose authorization was renewed as provided above may request to be excluded from the reissued general permit in accordance with N.J.A.C. 7:14A-6.13(g), and may also request a stay of the application to that permittee of any new/additional conditions of the reissued permit in accordance with N.J.A.C. 7:14A-17.6.

5. Request for Authorization Requirements

a. Deadline for Requesting Authorization for an Existing Discharge:
   i. For authorization under this general permit, existing unpermitted facilities that have not yet applied for the Hot Mix Asphalt Producers permit must submit an RFA and RFA supplemental form to the Department within 30 days from the effective date of permit (EDP);
   ii. The Department may, in its discretion, accept an RFA and RFA supplemental form submitted after the foregoing deadline; however, the discharger may still be held liable for any violations that occurred prior to the submission of the RFA and RFA supplemental form, including discharging without a permit.

b. Deadline for Requesting Authorization for a New Discharge:
i. An RFA for new facilities requesting authorization under this permit shall be submitted to the Department at least thirty 30 days prior to the anticipated date of the commencement of operations.

6. Contents of the Request for Authorization

a. An RFA shall be completed on the Department's RFA-1 Storm form along with the RFA Hot Mix Asphalt Producers Supplemental form. The RFA-1 Storm form shall include all of the following information:

i. The name, mailing address, location and EPA identification number (if assigned) of the facility;

ii. The four (4) digit Standard Industrial Classification (SIC) Code or North American Industry Classification System (NAICS) Code and Short Title;

iii. The legal name, address, and business telephone number of all current owners and operators, and if applicable, parent corporations or their agents and engineers. The RFA shall also identify whether each person named is an owner, operator or parent corporation, and whether the owner is a private entity, or Federal, State or other public agency;

iv. An 8.5" x 11" copy of a portion of the U.S. Geological Survey Topographic Map, 7.5 minute quadrangle series, depicting the site boundaries with existing discharge location(s), and the name of the quadrangle(s) that the site appears on;

v. A brief description of the facility and its current and proposed uses (i.e. type of manufacturing, material handling and storage practices);

vi. Materials located onsite (i.e. cold patch asphalt, surfactants, non-hazardous petroleum contaminated soils, type of oil used for fuel);

vii. For discharges to surface water, the name of the receiving water body and for discharges to ground water (existing basins or lagoons) the name of the aquifer (if known);

viii. A list of any individual or general NJPDES permit(s) for industrial stormwater discharges to surface or ground water issued, or pending issuance, for the facility;

ix. For new facilities, the anticipated date of the commencement of operations, and the Certification Form for SPPP Preparation Certification and SPPP Implementation Certification (which certifies that a Stormwater Pollution Prevention Plan, including the Drainage Control Plan, was developed and fully implemented prior to the commencement of operations);

x. Other information may also be requested if the Department deems it reasonably necessary for the purposes of rendering a decision for authorization under this permit.

7. Where to Submit

a. A completed and signed RFA-1 Storm and RFA Hot Mix Asphalt Producers Supplemental form shall be submitted to the Department at the address specified on the Department's RFA-1 Storm form.

8. Additional Notification

a. Facilities that discharge industrial stormwater through a municipal separate storm sewer system must also submit a copy of the RFA to the owner and operator of that system.

9. Requiring an Individual NJPDES Permit or Another General Permit

a. The Department may require any permittee authorized under this permit to apply for and obtain an individual permit, or seek and obtain authorization under another general permit.
b. Any permittee authorized under this permit may request to be excluded from authorization under this permit by applying for an individual permit or for another general permit.
   i. Revocation of existing permits under such circumstances as stated above, is governed by N.J.A.C. 7:14A-6.13.

c. If, after receiving authorization under this permit, a facility is required by the Department to obtain another NJPDES permit that would also cover the authorized discharge, then authorization under this permit shall remain in effect only until either:
   i. The date such other permit becomes effective; or
   ii. The date the application for such other permit (or request for authorization under another general permit) is denied.

d. If a facility fails to submit an application or request for authorization by the date specified by the Department, then the general permit authorization remains in effect only until that date.

10. Other Discharges
   a. If, at any time, it is discovered that the facility generates and discharges to surface waters or ground waters any wastewater (such as boiler blowdown, steam, vehicle washwater, etc.) other than those discharges specifically authorized by this permit, the permittee shall discontinue such discharges and apply for the appropriate NJPDES DSW or DGW permit in accordance with N.J.A.C. 7:14A.
   
b. Air compressor discharge is permitted subject to the requirements in Part III and Part IV of this permit.
   
c. Any septic systems, disposal beds, seepage pits (dry wells), or cesspools found to receive discharges of industrial waste are considered to be Class IV wells and are prohibited pursuant to N.J.A.C. 7:14A-8.4. All such discharges shall be discontinued immediately.

11. Monitoring Location & Outfall Tagging
   a. All permittees with discharges that flow through a regulated outfall shall identify the outfall with an outfall tag. The tag should be attached to an outfall pipe or posted in close proximity of the sampling point of the outfall area. The outfall tag shall be:
      i. Legible;
      ii. Located as near to the end of the outfall pipe or as near to the sampling point as possible;
      iii. Made of durable material such as metal; and
      iv. Maintained on a regular basis, such as cleaned and inspected to ensure that the tag is properly attached.
   
b. The outfall tag shall display, at a minimum, the following information:
      i. The name of the facility where the discharge originates;
      ii. The NJPDES permit number;
      iii. The department hotline phone number (877-WARN DEP); and
      iv. The Discharge Serial Number (DSN) for that particular outfall.
c. The monitoring location shall be clearly delineated and include the information from b above, in as close proximity as practicable, avoiding hazardous conditions.

12. Other Laws

a. In accordance with N.J.A.C. 7:14A-6.2(a)7, this permit does not authorize any infringement of State or local law or regulations, including, but not limited to the Pinelands rules (N.J.A.C. 7:50), N.J.A.C. 7:1E (Department rules entitled "Discharges of Petroleum and other Hazardous Substances"), and all other Department rules. No discharge of hazardous substances (as defined in N.J.A.C. 7:1E-1.6) resulting from an onsite spill shall be deemed to be "pursuant to and in compliance with [this] permit" within the meaning of the Spill Compensation and Control Act at N.J.S.A. 58:10-23.11c.

13. Notification of Changes

a. The permittee shall give written notification to the Department of any planned physical or operational alterations or additions to the permitted facility when the alteration or addition is expected to result in a significant change in the permittee's discharge and/or residuals use or disposal practices including the cessation of discharge in accordance with N.J.A.C. 7:14A-6.7.

14. Best Management Practices (BMPs)

a. The permittee shall implement and maintain BMPs designed to meet effluent benchmark concentrations and numeric effluent limitations in Part III of this permit for TSS, COD, TDS and O&G.

b. BMPs shall be maintained in accordance with Part IV Section I of this permit.

15. Management of Recyclables

a. Recyclable materials other than RAP shall include oil-contaminated soil, asphalt millings, construction debris (including concrete), quarry dredge materials and other non-hazardous waste materials.

b. The stormwater that has come in contact with recyclable materials other than RAP shall be managed as a wastewater. The stormwater shall be collected and hauled offsite for proper treatment and disposal or treated onsite to meet the effluent benchmark concentrations and numeric effluent limitations pursuant to Part III of this permit.
PART III
LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION GROUP: Air Compressor Discharge

Monitored Location Group Members
COMP Air Compressor Discharge

Surface Water DMR Reporting Requirements:
Submit a Monthly DMR: due 25 calendar days after the end of each calendar month. "Due" means "postmarked by".

Comments:
Representative samples must be taken during periods of dry weather immediately downstream of the air compressor BMPs.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

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<thead>
<tr>
<th>Parameter</th>
<th>Sample Point</th>
<th>Limit</th>
<th>Limit</th>
<th>Units</th>
<th>Limit</th>
<th>Limit</th>
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MONITORED LOCATION GROUP: Asphalt - Stormwater

Monitored Location Group Members
OTFL All stormwater outfalls

Surface Water DMR Reporting Requirements:
Submit a Quarterly DMR: due 25 calendar days after the end of each quarter beginning twenty-four (24) months after the effective date of permit authorization (EDPA). "Due" means "postmarked by".

Comments:
Representative samples must be taken prior to surface water discharge.

Table III - B - 1: Surface Water DMR Limits and Monitoring Requirements

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<tr>
<th>Parameter</th>
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Surface Water WCR - Quarterly Reporting Requirements:
Submit a Quarterly WCR: due 25 calendar days after the end of each quarter beginning twenty-four (24) months after the effective date of permit authorization (EDPA). "Due" means "postmarked by".

Comments:
Representative samples must be taken prior to surface water discharge.

Table III - B - 2: Surface Water WCR - Quarterly Limits and Monitoring Requirements

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Surface Water WCR - Quarterly Reporting Requirements:
Submit a Quarterly WCR: due 25 calendar days after the end of each quarter beginning twenty-four (24) months after the effective date of permit authorization (EDPA). "Due" means "postmarked by".

Comments:
Representative samples must be taken prior to surface water discharge.

Table III - B - 2: Surface Water WCR - Quarterly Limits and Monitoring Requirements
 PHASE: Final
 PHASE Start Date: PHASE End Date:

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</tbody>
</table>
MONITORED LOCATION: 1011 Monitoring Point

RECEIVING STREAM:

STREAM CLASSIFICATION:

DISCHARGE CATEGORY(IES): R4 - Hot Mix Asphalt Producers (GP)

Location Description

Representative monitoring location(s) of stormwater discharge(s) associated with industrial activity to ground water.

Contributing Waste Types

Storm Water Runoff

Ground Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter beginning twenty-four (24) months after the effective date of permit authorization (EDPA). "Due" means "postmarked by".

Comments:

Representative samples must be taken at or prior to stormwater entering basin.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample Point</th>
<th>Limit</th>
<th>Limit</th>
<th>Units</th>
<th>Limit</th>
<th>Limit</th>
<th>Units</th>
<th>Frequency</th>
<th>Sample Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil and Grease</td>
<td>Effluent Gross Value</td>
<td>*****</td>
<td>*****</td>
<td>***</td>
<td>*****</td>
<td>REPORT Monthly Average</td>
<td>15</td>
<td>Monthl</td>
<td>Grab</td>
</tr>
<tr>
<td>January thru December</td>
<td>QL</td>
<td>***</td>
<td>***</td>
<td>***</td>
<td>***</td>
<td>***</td>
<td>***</td>
<td>I/Quarter</td>
<td></td>
</tr>
</tbody>
</table>

Table III - C - 1: Ground Water DMR Limits and Monitoring Requirements
GW Discharge WCR - Quarterly Reporting Requirements:
Submit a Quarterly WCR: due 25 calendar days after the end of each quarter beginning twenty-four (24) months after the effective date of permit authorization (EDPA). "Due" means "postmarked by".

Comments:
Representative samples must be taken at or prior to stormwater entering basin.

Table III - C - 2: GW Discharge WCR - Quarterly Limits and Monitoring Requirements

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample Point</th>
<th>Compliance Quantity</th>
<th>Units</th>
<th>Sample Type</th>
<th>Monitoring Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Storm Event</td>
<td>Rain</td>
<td>REPORT</td>
<td>MM/DD/YY</td>
<td>Calculated</td>
<td>January thru December</td>
</tr>
<tr>
<td>Time Storm Event Began</td>
<td>Rain</td>
<td>REPORT</td>
<td>STD TIME</td>
<td>Calculated</td>
<td>January thru December</td>
</tr>
<tr>
<td>Storm Event Duration</td>
<td>Rain</td>
<td>REPORT</td>
<td>MINUTES</td>
<td>Calculated</td>
<td>January thru December</td>
</tr>
<tr>
<td>Hours Since Last Storm Event</td>
<td>Rain</td>
<td>REPORT</td>
<td># HOURS</td>
<td>Calculated</td>
<td>January thru December</td>
</tr>
<tr>
<td>Rainfall Amount at Time of Sampling</td>
<td>Rain</td>
<td>REPORT</td>
<td># INCHES</td>
<td>Calculated</td>
<td>January thru December</td>
</tr>
<tr>
<td>Time of Sample Collection</td>
<td>Rain</td>
<td>REPORT</td>
<td>STD TIME</td>
<td>Calculated</td>
<td>January thru December</td>
</tr>
<tr>
<td>Solids, Total Suspended</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Solids, Total Dissolved (TDS)</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Surfactants (mbas)</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Zinc, Total Recoverable</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Lead, Total Recoverable</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Chromium, Total Recoverable</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Copper, Total Recoverable</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
</tbody>
</table>
GW Discharge WCR - Quarterly Reporting Requirements:
Submit a Quarterly WCR: due 25 calendar days after the end of each quarter beginning twenty-four (24) months after the effective date of permit authorization (EDPA). "Due" means "postmarked by".

Comments:
Representative samples must be taken at or prior to stormwater entering basin.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample Point</th>
<th>Compliance Quantity</th>
<th>Units</th>
<th>Sample Type</th>
<th>Monitoring Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>MG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
</tbody>
</table>
PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. The following notes specifically refer to the Limits and Monitoring Requirements contained in Part III of this permit:
   a. No visible sheen. The parameter Oil & Grease shall be analyzed in accordance with N.J.A.C. 7:14A-12.8 et seq.
   b. The term "Average" means to report the average value of the results.
   c. The term "Daily Max." means to report the analytical result that yielded the highest concentration.
   d. "NL" means not limited, but monitoring and reporting is required.
   e. Reporting of analytical results follow the procedures described in the Department's "Discharge Monitoring Report Instruction Manual" (latest version which is currently December 1993).
   f. Grab samples shall be collected at the designated sampling points and shall be collected as soon as practicable within 30 minutes and no later than 45 minutes after the start of the stormwater discharge (ASWD). For sampling, follow guidelines in the "NJDEP Field Sampling Procedures Manual", latest edition.
   g. Facilities are prohibited from discharging foam or causing foaming of the receiving water that:
      - Forms objectionable deposits on the receiving water;
      - Forms floating masses producing a nuisance;
      - Produces objectionable color or odor; or
      - Interferes with a designated use of the waterbody.
   h. A "discernible, confined and discrete conveyance" includes, but is not limited to, a pipe, ditch or channel. Examples of such conveyances include storm sewer pipes, drainage ditches, spillways, gullies, swales, gutters, curbs and streets.
   i. If "cold patch" is not onsite at anytime during the permit cycle, CODE=N can be reported for benzene.
   j. If anionic surfactants are not onsite at anytime during the permit cycle, CODE=N can be reported for MBAS.

B. Definitions

1. Unless otherwise stated in this permit, the definitions set forth in N.J.A.C. 7:14A-1.2 and Discharge Monitoring Report (DMR) Instruction Manual are incorporated into this permit.
   a. "Asphalt Millings" means the fine particles of bitumen and inorganic material, less than an inch in size, that are produced by the mechanical grinding of asphalt pavement.
   b. "Basin" means a natural topographic depression, man-made excavation, or diked area formed primarily of earthen materials (although it may be lined with man-made materials), which is designed to transmit stormwater to the subsurface and which is not an injection well.
c. "Benchmark" means the pollutant concentrations above which EPA determined represents a level of concern. The level of concern is a concentration at which a stormwater discharge could potentially impair, or contribute to impairing water quality or affect human health from ingestion of water or fish.

d. "Certified Liner" means a continuous layer of soil or synthetic material which restricts the downward or lateral escape of any waste, waste constituents, or leachate, that is certified by a NJ licensed professional engineer to have a permeability of no faster than 10⁻⁷ cm/s.

e. "DPCC Plan" means Discharge Prevention, Containment and Countermeasure Plan.

f. "Due" means postmarked by.

g. "EDP" means Effective Date of the Permit. The effective date of the permit is the day the master general permit (NJ0132721) becomes effective.

h. "EDPA" means Effective Date of Permit Authorization. The effective date of permit authorization is the day an individual facility's authorization to discharge under the master general permit becomes effective.

i. "Hazardous Waste" means any waste that is defined or identified as a hazardous waste pursuant to the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., N.J.A.C. 7:26G, or 40 CFR Part 261.

j. "mg/L" means milligrams per liter.

k. "Monitoring" means monitoring conducted at a frequency of no more than one sampling event per month, beginning 24 months after EDPA.

l. "Monitoring Point" means a ground water discharge monitoring point that is a discrete point, located immediately prior to the point where stormwater enters a basin, where a representative stormwater sample can be taken. All monitoring points are subject to the treatment options contained in Part IV and reporting and monitoring requirements in Part III of this permit.

m. "Monthly Monitoring" means monitoring conducted at a minimum of once every calendar month.

n. "Non-Hazardous Waste" means a solid waste that is not a hazardous waste.

o. "Outfall" shall mean (a) a point within the facility at which stormwater associated with the facility's industrial activity enters a surface water body from a discernible, confined and discrete conveyance; or (b) a point at which stormwater associated with the facility's industrial activity enters a surface water body from a discernible, confined and discrete conveyance for transport as stormwater to an offsite surface water body.

p. "Permitted Outfall" means outfall(s) specifically authorized under this general permit that discharge industrial stormwater. Permitted outfall(s) are subject to the treatment options contained in Part IV and reporting and monitoring requirements contained in Part III of the permit. All permitted outfalls must be identified in the Drainage Control Plan.

q. "Process Wastewater" means any water other than stormwater, which during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product. For the purposes of this permit, stormwater which comes in contact with clean aggregate stockpiles (stockpiles used on-site for daily operations) is not considered to be process wastewater. Process wastewater includes, but is not limited to, leachate, release agent spills, air compressor condensate discharges, boiler blowdown, boiler condensate, and contact and non-contact cooling water.
r. "Quarterly Monitoring" means monitoring conducted at a minimum frequency of once every three calendar months.

s. "RAP" means Recycled or Reclaimed Asphalt Pavement of 1 inch and greater in size (see Asphalt Millings).

t. "Separate Storm Sewer" means a conveyance or system of conveyances (including roads with drainage systems, streets, catch basins, gutters, ditches, man-made channels, or storm drains): 1. designed or used for collecting or conveying stormwater; 2. which is not part of a combined sewer system; and 3. which is not part of a publicly owned treatment works (POTW).

u. "Source Materials" means any materials or machinery located at the facility and directly or indirectly related to process or other industrial activities which could be a source of pollutants in a stormwater discharge associated with industrial activity that is subject to N.J.A.C. 7:14A-11.5. Source materials include, but are not limited to: raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels; lubricants, solvents, and detergents that are related to process or other industrial activities. Material or machinery that are not exposed to stormwater or that are not located at the facility are not "source materials".


w. "Stormwater" means water resulting from precipitation (including rain or snow) that runs off the land's surface, is transmitted to the subsurface, or is captured by separate storm sewers or other sewerage or drainage facilities.

x. "ug/L" means micrograms per liter.

y. "WCR" means a Wastewater Characterization Report form prepared by the Department.
A. Performance Standards for the Hot Mix Asphalt Producers Industry

1. Drainage Control - All facilities authorized under this general permit shall:
   a. Establish runoff control of all stormwater from industrial areas of the facility and ensure that
      stormwater from these industrial areas is discharged through permitted outfalls or ground water
      discharge units (N.J.A.C. 7:14A-7.3(b)) only.
   b. Minimize, to the maximum extent practicable, industrial areas to reduce the amount of source
      material exposed to stormwater.
   c. Eliminate the discharge of all process wastewater to the ground waters of the State.

2. Best Management Practices and Effluent Benchmark Concentrations / Numeric Effluent
   Limitations. All facilities authorized under this general permit shall:
   a. Implement Section B below (Industry-Wide Minimum Requirements), and any additional Best
      Management Practices (BMPs) determined necessary by the facility to meet effluent benchmark
      concentrations and numeric effluent limitations.

B. Industry-Wide Minimum Requirements

1. Preparation and Implementation of the Stormwater Pollution Prevention Plan (SPPP)
   a. All facilities authorized under this general permit shall prepare and implement a Stormwater
      Pollution Prevention Plan (SPPP) in accordance with Part IV, Section H of this permit.

2. Drainage Control Plan
   a. All facilities authorized under this general permit shall prepare a Drainage Control Plan within six
      (6) months from the EDPA and implement the Drainage Control Plan as part of the SPPP within
      twenty-four (24) months from the EDPA.
      i. The Drainage Control Plan shall be submitted to the Bureau of Nonpoint Pollution Control with
         the Certification Form (SPPP Preparation Certification), pursuant to Section C, Submittal
         Requirements, of this Permit.
      ii. Implementation of the Drainage Control Plan shall be accomplished as part of the
         implementation of the SPPP and shall be certified by the submittal of the Certification Form
         (SPPP Implementation Certification) pursuant to the Submittal Section C, located in Part IV of
         this Permit.
   b. All facilities authorized under this general permit shall use impervious paving on all industrial
      areas (except raw aggregate and RAP storage areas) at the facility including, but not limited to,
      access roads, loading areas, fueling areas, process areas (batch mixing), maintenance areas,
      chemical storage areas, cold patch stockpile areas, release agent spray areas, and non-hazardous
      petroleum contaminated soil stockpile areas. A schedule for the paving shall be included in the
      Drainage Control Plan. The schedule shall not exceed 24 months from the EDPA.
   c. The contents of the Drainage Control Plan shall include:
      i. A description of how the facility will ensure that all stormwater from all industrial areas
         (including storage areas) is discharged only through permitted (regulated) outfalls to surface
         water or through permitted monitoring points to a regulated ground water discharge unit. The
         drainage control plan shall include a description of what industrial areas will be paved, and a
         description of other diversion and containment measures the facility chooses to implement;
Hot Mix Asphalt Producers (GP)

ii. The location of each regulated outfall at the facility that will discharge industrial stormwater to surface water, and the name of the receiving waters for each outfall location;

iii. The location of each ground water monitoring point and regulated ground water discharge unit that will contain industrial stormwater, and the receiving aquifer for each discharge unit;

iv. A drainage area map indicating existing drainage areas, including flow and drainage patterns; flow diversion structures; locations of treatment units (i.e., lined or unlined basins); name of the receiving aquifer; outfall (regulated and unregulated) discharge structures; names of the receiving waters; areas of industrial activity (i.e., maintenance, fueling, storage, loading and mixing areas); access roads; existing buildings and other structures; employee parking and a directional indicator. The site map required as part of the SPPP satisfies the requirements of this section provided it contains all of the drainage map requirements listed in v below;

v. Drainage maps shall be on a scale of 1 in.=200 ft. or less and shall include the following:
   - A title block containing tax block and lot number, north arrow, date prepared and revision number;
   - Longitude and latitude for each regulated outfall and name of receiving water body for each outfall;
   - Longitude and latitude for each regulated monitoring point, ground water discharge unit, and name of receiving aquifer;
   - The permittee shall use elevations or flow arrows to verify drainage to regulated outfalls;
   - If the permittee uses elevations then the elevations shall be shown on the drainage map;
   - If the permittee uses flow arrows then there shall be a clear boundary line delineating each drainage area;
   - Certification of mapping information shall be from a Responsible Corporate Officer or Duly Authorized Representative as defined in N.J.A.C. 7:14A-4.9 or a Professional Engineer's certification;

vi. An implementation schedule with specific timeframes and milestones for implementing all elements of the Drainage Control Plan and the SPPP. The implementation schedule shall not exceed 24 months from the EDPA.

3. Spill Prevention

a. The permittee shall develop, implement and maintain a written Spill Prevention Plan. A valid SPCC or DPCC plan shall satisfy this requirement as long as the plan applies to all chemicals and raw material spill prevention and cleanup. At a minimum, the plan shall include:

i. Spill Response Coordinator;

ii. Procedures for preventing and/or cleaning up spills. Description shall include loading/unloading procedures, management of outdoor hydraulic equipment, outdoor air compressors;

iii. List of spill cleanup materials, including brooms, shovels, absorbents, heavy equipment, etc. The list should include normal level of inventory that will be kept onsite;

iv. Description of employee training, including:
   - Location of spill cleanup materials, containers and equipment;
   - Procedures for preventing and/or cleaning up spills;
   - Spill Response Coordinator;
   - Emergency phone numbers;
v. Description of routine inspections for spills, leaks, damage to containment and spill structures. Inspections should be done at least quarterly. Inventory of spill cleanup materials and equipment should be done at least quarterly;

vi. Routine inventory of spill cleanup materials and equipment.

4. General Facility Wide Recycling Program

a. All facilities authorized under this general permit shall optimize the recycling of all waste materials generated during asphalt concrete manufacturing. The SPPP shall include a description of the facility wide recycling program. Existing Recycling Programs required by other Bureaus of NJDEP shall satisfy the requirements of this section as long as the programs include all the elements of this section and are referenced in the site SPPP.

b. Water Recycling: All facilities authorized under this general permit shall consider at a minimum:

i. The reuse of basin water (if the facility has an existing basin or installs a basin pursuant to the conditions of this permit) may only be used in areas with established drainage control as described in Part IV, Sections A.1 and B.2 of this permit. Basin water cannot be used in unpaved, clean aggregate storage areas.

c. Material Recycling - All facilities authorized under this general permit shall consider at a minimum:

i. The reuse of aggregate materials (sand, stone and cement clay) recovered from a basin, mechanical recovery/reclamation system, or accumulated from sweeping/housekeeping activities;

ii. The reuse and recycling of other materials including scrap metal, used motor oil, antifreeze, vehicle batteries and tires.

C. Submittal Requirements - Certifications and Deadlines

1. Certification Form Submittals

a. The Department's Certification Form shall be submitted to the Department as required. The Certification Form shall be submitted to the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029. This Certification Form is to be used in place of the previous submittal requirements of Attachment C, Attachment D and Annual Recertification D. There are specific boxes to check on the Certification Form depending upon which submittal requirement is being certified, such as the SPPP Preparation Certification; the SPPP Implementation Certification; and/or the Annual Certification. More than one submittal box may be checked if submitting for more than one certification.

2. Certification Form (SPPP Preparation Certification)

a. All existing facilities shall revise their existing SPPP or prepare a new SPPP within 6 months from the effective date of the permit authorization (EDPA) and submit the Certification Form (SPPP Preparation Certification) with the Drainage Control Plan required by Part IV, Section B.2. The Certification Form shall be submitted as follows:

i. Submit an SPPP Preparation Certification: due within 6 months from the effective date of permit authorization (EDPA);

ii. A copy of the Certification Form (SPPP Preparation Certification) shall be kept and made part of the SPPP.
b. All new facilities shall prepare an SPPP and submit the Certification Form for SPPP Preparation Certification and SPPP Implementation Certification, along with the Drainage Control Plan, as part of the Request for Authorization as required by Part II, Section B.6.a.ix.

i. A copy of the Certification Form (SPPP Preparation Certification) shall be kept and made part of the SPPP.

3. **Certification Form (SPPP Implementation Certification)**

a. All existing facilities shall implement the SPPP (which includes the Drainage Control Plan, Industry Wide Minimum Requirements and any additional BMPs the facility chooses) within 24 months from the EDPA and shall submit the Certification Form (SPPP Implementation Certification) as follows:

i. Submit an SPPP Implementation Certification: due within 24 months from the effective date of permit authorization (EDPA);

ii. A copy of the Certification Form (SPPP Implementation Certification) shall be kept and made part of the SPPP.

b. The Department may grant a six (6) month extension to the deadline in 2.a.i above, if the permittee submits a written request for such extension at least thirty (30) days prior to the deadline, establishing to the Department's satisfaction that the Federal, State and local permits and/or approvals necessary for the construction of best management practices identified in the SPPP could not, with due diligence, be obtained within the time period as set forth in 2.a.i above.

c. All new facilities shall prepare an SPPP and submit the Certification Form for SPPP Preparation Certification and SPPP Implementation Certification, along with the Drainage Control Plan, as part of the Request for Authorization as required by Part II, Section B.b.a.ix.

i. A copy of the Certification Form (SPPP Implementation Certification) shall be kept and made part of the SPPP.

4. **Certification Form (Annual Certification)**

a. All facilities authorized under this general permit shall submit the Certification Form (Annual Certification). The Annual Certification shall be completed after the Annual Inspection is performed pursuant to Part IV, Section F.4.a of the permit. Results of the Annual Inspection shall be described in the Annual Report required by Part IV, Section F.4.b of the permit, including any incidents of noncompliance. The submittal of the Certification Form (Annual Certification) certifies that the facility's SPPP complies with the conditions of this permit, including any applicable monitoring requirements, meeting numeric effluent limitations and effluent benchmark concentrations, and is being properly implemented. The Certification Form (Annual Certification) shall be submitted as follows:

i. Existing Facilities are to submit an Annual Certification: due annually, beginning 36 months from the effective date of permit authorization (EDPA).

ii. New facilities are to submit an Annual Certification: due annually, beginning 12 months from the effective date of permit authorization (EDPA).

b. A copy of the Certification Form (Annual Certification) shall be kept and made part of the SPPP.

5. **Renewal Report**
a. All facilities authorized under this general permit shall submit a Renewal Report. The Renewal Report shall be completed pursuant to Part IV, Section F.4.c of the permit. Renewal Report shall be submitted as follows:
   i. Submit a Renewal Report. Due within 6 months prior to the expiration date of the permit.

6. Liner Certifications for Facilities with Lined Basins

   a. For new facilities, the permittee must submit certification by a NJ licensed Professional Engineer that the liner has been constructed to meet the requirements of this permit, and in accordance with the approved TWA (if required), prior to discharge.
   b. For repairs to liners, the permittee must submit certification by a NJ licensed Professional Engineer that the liner has been repaired to meet the requirements of this permit, and in accordance with the approved TWA (if required), prior to resumption of discharge.
   c. For existing facilities with lined basins, the permittee must submit certification of a valid liner integrity test within 18 months of permit authorization to ensure that the permeability of the liner is no faster than 10^-7 cm/s.

D. Monitoring

1. Monitoring Schedule-Stormwater

   a. All facilities (except for discharges from new facilities as in iv below) authorized under this general permit shall begin stormwater monitoring as follows:
      i. From 24 months after the effective date of the permit authorization (EDPA) until renewal, modification, or revocation of this permit, the permittee shall sample and monitor the discharge and monitoring points quarterly and report on Discharge Monitoring Report (DMR) and Waste Characterization Report (WCR) forms for the parameters listed in Part III of this permit.
      ii. The Department will provide the authorized facility with monitoring report forms.
      iii. DMRs and WCRs are due by the 25th day of the month immediately following the quarterly monitoring period. Monitoring with a reporting frequency designated as "Once per Quarter" means every 3 months beginning 24 months after the EDPA. For example, for a monitoring period beginning January 1st monitoring shall occur between January 1st and March 31st, with the DMRs and WCRs submitted to the Department by no later than April 25th.
      iv. New discharges from newly constructed facilities authorized under this general permit shall begin monitoring upon the effective date of the permit authorization (EDPA).

2. Monitoring Schedule-Air Compressor Discharge

   a. All facilities (except for discharges from new facilities as in ii below) authorized under this general permit shall begin monitoring their discharges 24 months from the EDPA beginning with the first full calendar month after the EDPA and monthly thereafter for the duration of the permit cycle.
      i. The Department will provide the authorized facility with monthly report forms, prior to the start of the monitoring period.
      ii. New discharges from newly constructed facilities authorized under this general permit shall begin monitoring on the first full month after the effective date of the permit authorization and monthly thereafter for the duration of the permit cycle.
b. Permittees with air compressor discharges to surface waters shall monitor the discharge from each permanent air compressor monthly and report the results on a DMR

c. Permittees using portable air compressors with discharges to surface waters shall monitor the discharge from each type of air compressor (centrifugal, rotary, screw, piston, etc.) monthly and report the results on a DMR

3. Monitoring Locations

a. Stormwater samples shall be taken at permitted surface water outfall(s) and ground water discharge monitoring point(s) designated by the facility in the Drainage Control Plan and specified on the Monitoring Report Forms provided by the Department.

i. Facilities that direct stormwater to a basin with a certified liner shall establish a sampling point at or prior to the permitted outfall, and should sample this point in accordance with Part III of this permit (Asphalt-Stormwater tables for Surface Water DMR and Surface Water WCR).

ii. Facilities that direct stormwater to either an unlined basin or a basin with an uncertified liner that does not have an outfall to surface water shall establish a sampling point at or prior to stormwater entering each basin. The sample shall be monitored in accordance with Part III of this permit (Monitoring Requirements tables for Ground Water DMR and GW Discharge WCR).

iii. Facilities that direct stormwater to either an unlined basin or a basin with an uncertified liner that also has an outfall to surface water shall establish a sampling point(s) at or prior to stormwater entering the basin(s), as well as a sampling point at or prior to the permitted outfall to surface water. Points shall be sampled individually in accordance with Part III of this permit (Asphalt-Stormwater tables for Surface Water DMR and Surface Water WCR, and Monitoring Point tables for Ground Water DMR and GW discharge WCR).

iv. All samples shall be taken at the monitoring points specified above and in Part III, and in all cases will be before the effluent joins or is diluted by, any other waste stream, body of water or substance.

v. Sampling points shall not be changed without notification and approval from the Department.

b. Air Compressor Discharge samples shall be taken at immediately downstream of the selected BMPs. Samples shall be taken during periods of dry weather.

i. All samples shall be taken at the monitoring points specified above, and in all cases will be before the effluent joins or is diluted by, any other waste stream, body of water or substance.

ii. Sampling points shall not be changed without notification and approval from the Department.

4. Collection and Analysis of Samples

a. All samples shall be collected (a facility can collect their own sample) in accordance with the Department's latest edition of Field Sampling Procedures Manual (available through the Maps and Publications Office at 609-777-1038).

b. All samples shall be analyzed by a New Jersey certified laboratory (N.J.A.C 7:18).

c. All samples shall be analyzed in accordance with approved EPA methods contained in 40 CFR Part 136, unless otherwise noted.
d. Additional samples may be taken and analyzed by a New Jersey Certified laboratory. If so, the maximum value of all analytical results for a given parameter taken during the monitoring period shall be reported and all results for a given parameter shall be used in calculating and reporting an average value. If only one analysis for a given parameter is made during any monitoring period specified in this permit, the result of such analysis shall be construed as the maximum value for that parameter, for said monitoring period.

e. If there is no stormwater flow into a basin during a sampling quarter and a sample cannot be obtained, the permittee shall notify the Department that no flow was discharged to the basin during that time. Submit the appropriate forms and note that there was no discharge on the transmittal sheet.

E. Stormwater Basins

1. Requirements for Stormwater Basins

a. For the purpose of this permit, a basin is a collective term used to describe a variety of regulated units. Examples of basins are infiltration/percolation lagoons or surface impoundments which may be referenced by the permittee as retention, settling, storage or detention ponds, basins, lagoons, lined or unlined basins. The common feature of these basins is that they are topographic depressions or bermed areas designed to hold, treat and/or transmit stormwater.

b. Basins designed to discharge stormwater to ground water shall be designed by a New Jersey licensed Professional Engineer and have adequate hydraulic capacity to handle a rainfall event with an intensity of a ten (10) year twenty-four (24) hour storm event, in accordance with the New Jersey Stormwater Best Management Practices Manual, Chapter 9.5: Standard for Infiltration Basins.

c. Unauthorized discharges from basins are prohibited.

d. The following items shall be addressed in the facility's Operation & Maintenance manual:

   i. A schedule of physical inspections of all visible portions and areas surrounding the basin unit(s) to: Ensure that the liner material and berms have remained structurally sound; Detect evidence of any deterioration, breakout, malfunctions or improper operation of the over-topping system; Detect sudden drops in the level of the basin contents not associated with normal operation of the regulated unit; Detect erosion or other signs of deterioration in berms or other containment devices; Detect the presence of liquids in the leak detection system, if employed.

   ii. A protective cover shall be maintained on earthen dikes to prevent erosion and maintain integrity. However, the dikes shall be free of vegetation having invasive root systems that could displace the earthen materials upon which the structural integrity of the dike is dependent.

   iii. A course of action shall be outlined for procedures to be implemented in the event the basin must be removed from service for an extended period of time for reasons other than routine maintenance and/or scheduled rotation of permitted discharge areas. This course of action must address how the discharge will be handled which can include diversion of the discharge to a previously approved reserve area.

   iv. No basin that was removed from service due to structural collapse, overtopping or nonuse may be restored to service unless that portion of the basin which failed was repaired.
v. If the basin was removed from service due to actual or imminent bank or side wall failure, a New Jersey licensed Professional Engineer shall certify by signature and seal the structural integrity of the bank and side wall prior to redirection of flow to the basin. Said certification shall be received by the Department prior to the resumption of discharge to the basin.

vi. If a basin was inactive for more than six months due to structural collapse or overtopping, the permittee shall obtain a certification from a New Jersey licensed Professional Engineer that it is structurally sound. The certification shall be signed and sealed by the New Jersey licensed Professional Engineer and shall establish that the banks, dikes, and foundation of the basin will withstand the physical and chemical stresses of resumed operation. If the basin is lined, the certification shall also state that the lined basin will not discharge to ground water.

vii. If the original basin system or portions thereof were insufficient or inadequate, the permittee shall propose a new upgraded system. A new site plan shall be submitted along with any necessary revisions to the Operation & Maintenance Manual.

viii. The basin may not become operational unless all inspections and necessary repairs have been completed.

ix. If the facility changes the size or number of basins, or if the facility installs, removes, or modifies basin liners, it is the responsibility of the permittee to establish new appropriate monitoring points as needed, and to notify the Department in writing regarding facility changes in accordance with the notification requirements of this permit. This does not waive the requirement for the permittee to obtain additional Department approvals where necessary.

e. Construction Requirements for New or Upgraded Basins

i. All basins shall be constructed, maintained, and operated to prevent overtopping and/or side wall failure.

ii. All interconnections between basins shall be constructed in a manner that will prevent degradation of the basin system. The use of splash aprons, rip-rap, etc., shall be employed in areas subject to influent flow. All flow shall be directed along the longest axis of the basin(s) whenever possible.

iii. During construction and installation, soil based and admixed liners must be inspected for imperfections including lenses, cracks, channels, holes, thin spots, or other imperfections. After construction has been completed, a final inspection shall be conducted prior to integrity testing. In cases where imperfections are found, the permittee shall make corrections prior to initiating discharges to a lined basin.

iv. The foundation, banks and dikes must be inspected immediately after installation for any imperfections. The structural integrity of the basin shall be certified by the signature and seal of a New Jersey licensed Professional Engineer. When a basin is lined, the foundation, banks, and dikes shall be constructed to support and prevent failure of the liner.

F. Reporting

1. Stormwater Monitoring Report Forms

a. Sampling results shall be summarized and reported in accordance with the appropriate requirements contained in Part III of this permit on the appropriate monitoring report forms mailed separately by the Department.
i. If the facility’s pre-printed monitoring report forms contain errors or discrepancies from the monitoring and reporting requirements contained in Part III, the permittee should immediately contact the Bureau of Nonpoint Pollution Control at (609) 633-7021.

ii. The permittee is required to monitor its stormwater discharge and submit appropriate monitoring report forms to the Department in accordance with conditions of the permit, even if the pre-printed monitoring report forms contain errors.

iii. The permittee shall make hand corrections to the monitoring report forms if corrected forms are not received prior to the monitoring report due date.

2. Reporting Storm Event Information (stormwater only discharges)

a. In order for the Department to better assess the monitoring results provided by the facility, the Department requires that supplemental storm event information be provided with monitoring results for discharges comprised entirely of stormwater.

b. The permittee shall record and submit on Wastewater Characterization Report (WCR) forms provided by the Department, the following storm event information:

   i. Date and approximate time that storm event began;

   ii. An estimate of the inches of rainfall or snowfall, which can be based upon such data as recorded by a local weather monitoring station(s) or an on site maintained monitoring station;

   iii. Storm event duration in hours and/or minutes, as appropriate;

   iv. A statement that there has not been a storm event which caused a stormwater discharge in the last 72 hours; and

   v. Date and time that the sample was collected.

3. Mailing Monitoring Report Forms

a. Unless otherwise specified or directed, signed copies of required monitoring report forms shall be submitted postmarked no later than the 25th day of the calendar month for air compressor discharge, and no later than the 25th day following the completed monitoring quarter for stormwater discharge, to the address given below:

   i. New Jersey Department of Environmental Protection
      Bureau of Permits Management
      P.O. Box 029
      Trenton, New Jersey 08625-0029
      Attn. Monitoring Reports

4. Annual Inspections, Annual Reports, Recertifications and Renewal Report

a. Annual Inspections

   i. Once the SPPP has been implemented in accordance with this permit, the permittee shall conduct annual inspections of the facility to assess all areas contributing to the industrial stormwater discharge authorized by this permit, to evaluate whether the SPPP complies with and is implemented in accordance with this permit, and whether additional measures are needed to meet the conditions of this permit.

   ii. A summary of any modifications (if any) should be included in the SPPP.
b. Annual Report

i. The permittee shall prepare an Annual Report summarizing the findings of the Annual Inspection performed as required above. The Annual Report is not to be submitted to the Department but shall be made part of the facility's SPPP and made available for inspection. The annual report shall include:
   - the date of inspection;
   - name(s) and title(s) of the inspectors; and
   - a summary of the findings of the Annual Inspection including any incidents of non-compliance. Any incidents of non-compliance discovered during the Annual Inspection shall be listed in the Annual Report with any remedial actions and/or preventative measures taken;
   - a Certification Form (Annual Certification) that the facility is in compliance with the permit's conditions, including any applicable monitoring and effluent limitations. The Certification Form (Annual Certification) shall be submitted to the Department in accordance with the requirements contained in the "Submittal" section in Part IV, Section C of this permit.

c. Renewal Report

i. The permittee shall prepare a Renewal Report summarizing the data results for all monitoring data collected during the life of the permit, and summarizing the BMPs implemented that facilitated compliance of the numeric effluent limitations and effluent benchmark concentrations. Any additional BMPs that resulted from incidence of non-compliance shall be noted in this report. The Renewal Report shall be submitted to the Department in accordance with the requirements contained in the "Submittal" section in Part IV, Section C of this permit.

G. Record Keeping

1. Requirements

a. The permittee shall retain records of all monitoring report forms, laboratory analysis sheets with chain of custody, maintenance and inspection records, copies of all reports (including the SPPP and the Drainage Control Plan) required by this permit, for a period of at least five years.

2. SPPP Record Keeping Requirements

a. The SPPP shall be signed by the permittee, with the original retained at the facility for reference and available to the Department while conducting compliance inspections.

b. The SPPP must be made available upon request, to a representative of the Department and to the owner and operator of any municipal separate storm sewer receiving the stormwater discharge.

c. The SPPP shall be made available to the public upon request.

d. The facility may claim any portion of the SPPP as confidential in accordance with the provisions set forth in N.J.A.C. 7:14A-18.2.

3. Soil Erosion and Sediment Control Plan

a. For construction activities disturbing one (1) acre or more of total land area authorization must be obtained under NJPDES Permit No. NJ0088323 (General Stormwater Permit Construction Activity), for stormwater from such construction activities that would be discharged to surface waters.
b. Land disturbances that may result in a stormwater discharge authorized by this permit, shall be executed only in accordance with a soil erosion and sediment control plan certified pursuant to N.J.S.A. 4:24-43, or requirements for soil erosion and sediment control established in or pursuant to a municipal ordinance in accordance with N.J.S.A. 4:24-48, whichever is applicable.

c. A copy of this plan shall be retained by the permittee for a period of at least 5 years after the completion of construction.

H. Contents of a Stormwater Pollution Prevention Plan (SPPP)

1. Preparation and Implementation of SPPP

a. The SPPP shall be developed in accordance with the measures described in Attachment B: "Contents of the Stormwater Pollution Prevention Plan for Hot Mix Asphalt Producers"; certified in accordance with the Certification Form (SPPP Preparation Certification); and implemented in accordance with the Certification Form (SPPP Implementation Certification).

b. The SPPP shall include a Drainage Control Plan, and a description of recycling programs if they are employed. The SPPP shall contain the following items as outlined in Attachment B: a stormwater pollution prevention team; a description of existing environmental management plans; site assessment requirements; Best Management Practices (BMP) selection and plan design; an implementation schedule; general plan requirements such as signatures and certifications; and special requirements such as spill prevention, discharge prevention, and discharge cleanup plans.

c. The SPPP shall identify any existing Best Management Practices (BMPs) and additional BMPs required by this permit or selected by the facility. Existing BMPs shall be continued or replaced with equally or more effective BMPs.

d. BMPs shall be designed, implemented and maintained to meet both effluent benchmark concentrations and numeric effluent limits in accordance with this permit.

e. The SPPP shall be signed by the permittee, retained at the facility for reference and made available to the Department while conducting compliance inspections or upon request.

f. The SPPP shall demonstrate that, once implemented, the SPPP complies with the permit's terms and conditions. The facility's SPPP shall include a description of the BMPs implemented by the facility, monitoring, numeric effluent limitations and effluent benchmark concentrations imposed by the permit.

h. Upon review by an authorized representative, the Department may notify the permittee at any time if the SPPP does not meet one or more of the minimum requirements of this permit. Within thirty (30) calendar days after receiving such notification (unless otherwise specified by the Department), the SPPP shall be amended to adequately address all deficiencies and written certification of such amendments shall be submitted to the Department.

i. SPPPs must be kept up to date and be amended to reflect any changes in facility operations. Any amended SPPPs shall be signed, certified, implemented, retained and otherwise treated in the same manner as the original SPPP.

i. The SPPP shall also discuss the following areas of concern and any BMPs implemented for those areas. The following outside areas/activities/source materials, at a minimum, must be addressed and controlled in the SPPP:

   i. Outside vehicle/equipment fueling, maintenance, and fuel storage (e.g., diesel fuel);

   ii. Outside areas used for waste management/handling or storage of equipment (e.g., dumpsters, scrap metals, vehicle parts, drums, and garbage);
iii. Pavement and access roads needing repairs and unpaved surfaces with the potential to erode and discharge solids (soils and/or sediments) to surface waters;

iv. Catch basins, trench drains and roof drains discharging to surface waters;

v. Loading docks;

vi. Spills/leaks/non-stormwater discharges of fluid products, and raw material, vehicle coolants and lubricants, and caustic and acidic chemicals;

vii. Above ground storage tanks containing caustic and acidic chemicals;

viii. Other areas/activities with stormwater discharges to surface water associated with industrial activity as defined by the federal rules (40 cfr 122.26 (b) (14) and contained by reference in the state rules;

ix. General housekeeping practices (i.e. sweeping);

x. Routine maintenance and inspections; and

xi. Employee training.

j. Readily implementable BMPs (spill response, good housekeeping, maintenance; logs and schedules of same) shall be implemented in 30 days of EDPA, in accordance with the implementation schedule as described in Attachment B, "Contents of the Stormwater Pollution Prevention Plan for Hot Mix Asphalt Producers".

I. Operation and Maintenance

1. Operation, Maintenance, and Emergency Conditions

   a. The permittee shall routinely inspect BMPs to evaluate their effectiveness.

   b. The permittee shall repair, replace and/or add BMPs as needed to ensure continued compliance with the terms and conditions of this permit.

   c. BMPs for stormwater discharges to surface water shall be designed to meet numeric effluent limitations and effluent benchmark concentrations in accordance with Part III:

      i. COD: 120 mg/L max. (benchmark);

      ii. TSS: 100 mg/L max. (benchmark);

      iii. TDS: 500 mg/L max. (benchmark);

      iv. Oil & Grease: 15 mg/L max. (limit);

   d. BMPs for stormwater discharges to ground water shall be designed to meet numeric effluent limitations and effluent benchmark concentrations in accordance with Part III:

      i. Oil & Grease: 15 mg/L max. (limit);

   e. BMPs for air compressor discharges shall be designed to meet numeric effluent limitations in accordance with Part III:

      i. COD: 50 mg/L max. (limit);
ii. TSS: 100 mg/L max. (limit);

iii. Temperature: 86 degrees F max. (limit);

iv. Oil & Grease: 15 mg/L max. (limit);

J. Site Specific Best Management Practices

1. BMP-Air Compressor Discharge

a. Air Compressor discharges collected as a wastewater or discharged to a POTW:

i. The permittee shall summarize the management of air compressor discharge(s) in the site SPPP. The summary shall include all of the information listed in Attachment B "Contents of the Stormwater Pollution Prevention Plan for Hot Mix Asphalt Producers" Part V, Section I Air Compressor Discharges including the following information:
   - The location of each permanent air compressor;
   - The cubic feet per minute (cfm) rating and type of each permanent air compressor (piston, rotary screw, etc.);
   - A summary of how air compressor discharge from portable air compressors (including air compressors used by contractors) is collected and managed to prevent discharge to surface waters;

b. Air Compressor discharges to surface water:

i. The permittee shall summarize the management of air compressor discharge(s) in the site SPPP. The summary shall include all of the information listed in Attachment B "Contents of the Stormwater Pollution Prevention Plan for Hot Mix Asphalt Producers" Part V, Section I Air Compressor Discharges including the following information:
   - The location of each permanent air compressor;
   - The cfm rating and type of each permanent air compressor (piston, rotary screw, etc.);
   - Which regulated outfall receives the discharge including discharges from portable air compressors;

ii. The permittee shall maintain a daily log of portable air compressors (including air compressors used by contractors) on site in a bound logbook.

c. The air compressor(s) shall not discharge into a septic system.