



State of New Jersey

PHILIP D. MURPHY
Governor

TAHESHA L. WAY
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Watershed Protection and Restoration
Bureau of NJPDES Stormwater Permitting
P.O. Box 420 – 501 E. State St., 1st Flr
Trenton, NJ 08625-0420
Tel: (609) 633-7021 / Mail Code - 501-02A

SHAWN M. LATOURETTE
Commissioner

May 6, 2025

Re: Preliminary Draft Stormwater Discharge Master General Permit Renewal NJ0201189
Cat: RSG - Sand and Gravel Stormwater (GP)
NJPDES Permit No.: NJ0201189, Program Interest No.: 50577
NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST
Trenton City, Mercer County

Dear Interested Party:

The Bureau of NJPDES Stormwater Permitting is preparing to issue a draft Stormwater Discharge Master General Permit Renewal. To resolve any issues as early as possible, a preliminary draft permit action is enclosed to provide an opportunity for you to informally review the draft permit action before it is issued. This allows a more efficient use of both the Department's time and your time.

Please return any comments or factual corrections to industrialstormwaterpermitting@dep.nj.gov within thirty (30) days of the date of this preliminary draft, with a subject line of "Comments on the Sand & Gravel (RSG) Pre-draft Permit". If possible, please identify the specific permit condition each comment is addressing. The Department will not formally respond to any comments received on the preliminary draft but will consider them during preparation of the formal draft permit.

Also, as part of the preliminary draft process, the Bureau will be conducting a virtual outreach session to discuss the renewal and to answer any questions that stakeholders may have. The outreach session will be held on May 21, 2025 from 10 am to 12 pm. If interested in attending this session, please RSVP to industrialstormwaterpermitting@dep.nj.gov with a subject line of "RSVP to Sand and Gravel Pre-draft Outreach" no later than May 16, 2025, with your name, email address, and affiliation. A specific invitation with a link to the Outreach Session will be emailed to all who RSVP the day before the outreach session.

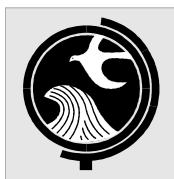
The receipt of this preliminary draft permit action **does not** mark the start of the formal comment period. You will receive a copy of the draft permit action when it is officially issued, prior to commencement of the formal comment period.

Sincerely,

Gabriel Mahon, Bureau Chief
Bureau of NJPDES Stormwater Permitting

Enclosures

C: Preliminary Draft Permit Document



NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM

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: NJ0201189

DRAFT: Stormwater Discharge Master General Permit Renewal

Permittee:

NJPDES Master General Permit
Program Interest Group RSG
501 E State Street
Trenton, NJ 08625

Co-Permittee:

Property Owner:

NJPDES Master General Permit
Program Interest Group RSG
501 E State Street
Trenton, NJ 08625

Location Of Activity:

NJPDES Master General Permit
Program Interest Group RSG
501 E State Street
Trenton, NJ 08625

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
RSG - Sand and Gravel (GP)			

By Authority of:
Commissioner's Office

Gabriel Mahon, Bureau Chief
Bureau of NJPDES Stormwater Permitting

(Terms, conditions and provisions attached hereto)

New Jersey Department of Environmental Protection
Bureau of NJPDES Stormwater Permitting

FACT SHEET

This fact sheet sets forth the principal facts and the significant factual, legal, and policy considerations examined during preparation of the draft permit. This action has been prepared in accordance with the New Jersey Water Pollution Control Act and its implementing regulations at N.J.A.C. 7:14A-1 *et seq.* – The New Jersey Pollutant Discharge Elimination System (NJPDES).

PERMIT ACTION: Industrial Stormwater Sand and Gravel (RSG) General Permit Renewal- NJ0201189

1 Name and Address of the Applicant

Varies - Statewide

2 Name and Address of the Facility/Site

Varies – Statewide

3 Description of Regulated Activity:

The New Jersey Department of Environmental Protection (Department) is proposing to renew the Industrial Stormwater Sand and Gravel (RSG) General Permit - NJ0201189 to regulate discharges of stormwater and specific process wastewaters to ground water only from Sand and Gravel operations. Authorization to discharge industrial stormwater under this general permit will be available to facilities that meet the eligibility requirements, as described below.

Facilities operating in this regulated industrial activity remove commercial grade sand and gravel from the ground, where the sand and gravel is then processed and stored onsite. These facilities include those that have active sand and gravel industrial activities at the site, facilities that may only be involved in the processing and or storage of sand and gravel materials, or inactive facilities that have not been closed in accordance with Part II.B. of this permit. Facilities that have discharges to surface water are not authorized under this permit. Where these excavations intersect the ground water table, the excavated material may be placed on the ground for dewatering or sent as a slurry to a processing area. The commercial grade aggregate sand and gravel material is then washed, screened or otherwise prepared by sending the material through a series of screens to separate the particles by size. Return water discharged from this process area must either infiltrate into the subsoil or flow back into the borrow (excavation) pit and shall not be discharged to surface water.

Facilities eligible for authorization under this general permit may operate under the following Standard Industrial Classification (SIC) codes:

1. SIC code 1442 (NAICS 212321) – Construction Sand and Gravel;
2. SIC code 1446 (212322) – Industrial Sand; and
3. Facilities that excavate soil and/or fill dirt under SIC code 1499 (212399).

Facilities conducting the industrial sand and gravel activities described above, but are operating under a different SIC or NAICS code, may also be regulated under this general permit if the Department deems them a primary manufacturer of the eligible sand and gravel materials.

4 Basis and Background for Permit Conditions:

Under the Federal Water Pollution Control Act (1972), as amended by the Clean Water Act of 1977, and the Water Quality Act of 1987, a facility with a stormwater discharge associated with industrial activity must obtain a National Pollutant Discharge Elimination System (NPDES) Permit. On November 16, 1990, EPA promulgated the regulatory definition of “storm water discharge associated with industrial activity”. The EPA identifies eleven different major categories of facilities of which category (iii) includes SIC codes 14, including active or inactive sand and gravel operations and facilities that excavate fill dirt and topsoil.

The Department is the issuing authority for NPDES permits in the State of New Jersey, which are then prepared in accordance with New Jersey’s Clean Water Act (N.J.S.A. 58:10A-1 *et seq.*), and the associated regulations within the New Jersey Pollutant Discharge Elimination System (NJPDES) rules at N.J.A.C. 7:14A *et seq.* Discharges of stormwater associated with industrial activities from point or nonpoint sources to ground water are also regulated pursuant to N.J.A.C. 7:14A-7 and 8, and the Ground Water Quality Standards (GWQS) at N.J.A.C. 7:9C-6.

5 Summary of Permit Conditions:

The Department proposes to renew this RSG General Permit for those facilities engaged in sand and gravel operations. The permit regulates industrial stormwater, and certain process wastewater discharges associated with sand and gravel industrial activities to the ground waters of the State.

This permit proposes a new requirement for permittees to designate a responsible person as the Industrial Stormwater Program Coordinator (ISPC) on or before 3 months from the effective date of the permit authorization, who will be responsible for coordinating the permittee’s implementation of its Industrial Stormwater Program (ISP), permit conditions, and Stormwater Pollution Prevention Plan (SPPP).

The permit retains and updates the requirements for all facilities authorized under the RSG to develop, update, maintain and implement an SPPP, including a Drainage Control Plan (DCP) and a Drainage Control Map (DCM) demonstrating that all industrial stormwater is retained on site. These requirements are to ensure the elimination or minimization of exposure of industrial activities and source materials to stormwater, thereby eliminating or minimizing the discharge of pollutants to the environment. Drainage control is one of the essential components of pollution prevention since any uncontrolled discharge of industrial stormwater that has come in contact with source materials or the industrial activity on site can lead to the introduction of pollutants into the environment.

Development and implementation of Best Management Practices (BMPs) are another major component of this permit. BMPs are methods by which the permittee eliminates or minimizes the discharge of pollutants from non-point sources. The Department has updated the following BMP requirements in this permit renewal to further control and reduce the discharge of pollutants:

- Erosion and Dust Control;
- Containerized Source Material Storage;
- Non-containerized Source Material Storage;
- Bulk Liquid Storage;
- Bulk Liquid Transfer;
- Stationary Fueling Operations;

- Mobile Fueling Operations;
- Discharge of Stormwater from Secondary Containment;
- Spill Response;
- Vehicle/Equipment Maintenance;
- Inoperable Vehicle/Equipment Storage;
- Vehicle/Equipment Rinsing, Washing and Wastewater Containment; and
- Outdoor Salt and Other Granular De-icing/Anti-icing Material Storage and Handling.

This permit renewal also retains the allowance for storage of tree trunks, wood chips and other tree debris. Part IV, Section D.1 includes requirements for the appropriate storage of these materials.

Additionally, this permit renewal also includes updated requirements for permittees to continue to:

- Perform Proper Operation and Maintenance;
- Conduct Employee Training;
- Submit Annual Reports; and
- Maintain Proper Recordkeeping.

The storage of material not associated with the facility's industrial activity is not authorized under this permit unless specifically identified in the permit. Materials and activities not permitted to be conducted or stored on-site include, but are not limited to, composting, Class B recycling operations, and asphalt and concrete batch plants. Applicants and permittees shall contact the Bureau of NJPDES Stormwater Permitting prior to storing any materials or conducting any activities not expressly allowed in the permit.

Pinelands Requirements

Facilities that fall within the jurisdiction of the Pinelands Commission shall additionally adhere to all regulations set forth in the Pinelands Comprehensive Management Plan, N.J.A.C. 7:50-1 et seq.

6 Electronic Reporting Requirements:

On October 22, 2015, the U.S. Environmental Protection Agency (EPA) promulgated the final National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule (see 80 Federal Register 204 p. 64064). Among other obligations, this rule requires entities regulated under the Clean Water Act NPDES program to report certain information electronically instead of filing paper reports.

Permit submittals are now required to be submitted electronically using the Stormwater Document Submittal Service at <https://dep.nj.gov/online/>. Guidance for using this submittal service is available at <https://dep.nj.gov/wp-content/uploads/njpdes-stormwater/guide-for-stormwater-document-submittal-service-2023.pdf>.

7 Description of Procedures for Reaching a Final Decision on the Final Action:

These procedures are set forth in N.J.A.C. 7:14A-15, 16, and 17. Included in the public notice are requirements for the submission of comments by a specified date, procedures for requesting a hearing, and other procedures for participation in the final agency decision.

8 Name, Bureau, and Phone Number of Contact Person:

Additional information concerning this permit action may be obtained from Lisa Colleen Marie Hoare, Bureau of NJPDES Stormwater Permitting, at Lisa.Hoare@dep.nj.gov, or at IndustrialStormwaterPermitting@dep.nj.gov.

9 Contents of the Administrative Record:

The following items are used to establish the basis of the Draft Renewal Permit:

Rules and Regulations (NPI):

1. 33 U.S.C. 1251 et seq., Federal Water Pollution Control Act.
2. 40 CFR Part 131, Federal Water Quality Standards.
3. 40 CFR Part 122, National Pollutant Discharge Elimination System.
4. N.J.S.A. 58:10A-1 et seq., New Jersey Water Pollution Control Act.
5. N.J.A.C. 7:14A-1 et seq., New Jersey Pollutant Discharge Elimination System Regulations.
6. N.J.A.C. 7:9C-6-1 et seq., Ground Water Quality Standards.
7. N.J.A.C. 7:50-1 et seq., Pinelands Comprehensive Management Plan
8. N.J.A.C. 7:14C, Sludge Quality Assurance Regulations.
9. EPA's 2021 Multi-Sector General Permit.
10. Delaware River Basin Commission Water Quality Regulations.

*NPI: Denotes officially part of the Administrative Record, but not necessarily a physical part thereof.

Permits

2014 Final Sand & Gravel Master General Permit, issued April 22, 2014 and effective June 1, 2014.
2013 Draft Sand & Gravel Master General Permit, issued August 13, 2013.

PUBLIC NOTICE

Notice is hereby given that the New Jersey Department of Environmental Protection (Department/NJDEP) proposes to issue a Renewal New Jersey Pollutant Discharge Elimination System (NJPDES) Master General Permit (NJ0201189). Issuance of this permit is in accordance with N.J.A.C. 7:14A, and by authority of the Water Pollution Control Act at N.J.S.A. 58:10A-1 et seq.

This Sand and Gravel Renewal Master General Permit (NJ0201189) is proposing to regulate discharges of stormwater and specific process wastewaters to ground water only from Sand and Gravel operations. Facilities that have discharges to surface water are not authorized under this permit. The requirements in this permit are designed to minimize the environmental impact to ground water from facilities that operate under the following Standard Industrial Classification (SIC) codes:

1. SIC code 1442 (NAICS 212321) – Construction Sand and Gravel;
2. SIC code 1446 (212322) – Industrial Sand; and
3. Facilities that excavate soil and/or fill dirt under SIC code 1499 (212399).

Facilities conducting industrial sand and gravel activities, but are operating under a different SIC or NAICS code, may also be regulated under this general permit if the Department deems them a primary manufacturer of the eligible sand and gravel materials.

A draft NJPDES Stormwater Discharge Master General Permit Renewal has been prepared based on the administrative record filed at the NJDEP, 401 East State Street, Trenton, New Jersey 08625. Copies of the draft document are obtainable, for a nominal charge, and the administrative record is available for inspection by appointment only, Monday through Friday. If you are interested in scheduling an appointment or requesting specific information regarding the draft document, contact the Bureau of NJPDES Stormwater Permitting at industrialstormwaterpermitting@dep.nj.gov. The draft permit document may also be reviewed on the Department's website at <https://dep.nj.gov/njpdes-stormwater/industrial-stormwater-program/general-permits/>.

Written comments or a request that the Department hold a non-adversarial public hearing on the draft document must be submitted in writing by certified mail (return receipt requested) to Gabriel Mahon, Chief, or Attention: Comments on Public Notice NJ0201189, Bureau of NJPDES Stormwater Permitting, P.O. Box 420, Mail Code 501-02A, Trenton, NJ 08625, by email to industrialstormwaterpermitting@dep.nj.gov, or by other means which provides verification of the date of delivery to the Department, by the close of the public comment period. The public comment period closes thirty (30) calendar days after publication in the DEP Bulletin. All persons who believe that any condition of this draft document is inappropriate or that the Department's decision to issue this draft document is inappropriate, must raise all reasonable arguments and factual grounds supporting their position, including all supporting materials, during the public comment period.

The Department will respond to all significant and timely comments upon issuance of the final permit decision. Each person who has submitted written comments or requested notice will receive notice of the Department's permit decision.

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 N.J.A.C. 7:14-8.1 et seq.
 - Incorporation by Reference N.J.A.C. 7:14A-2.3
 - Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i
 - Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
 - Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 & 11
 - Inspection and Entry N.J.A.C. 7:14A-2.11(e)
 - Enforcement Action N.J.A.C. 7:14A-2.9
 - Duty to Reapply N.J.A.C. 7:14A-4.2(e)3
 - Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
 - Effect of Permit/Other Laws N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
 - Severability N.J.A.C. 7:14A-2.2
 - Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
 - Permit Actions N.J.A.C. 7:14A-2.7(c)
 - Reopener Clause N.J.A.C. 7:14A-6.2(a)10
 - Permit Duration and Renewal N.J.A.C. 7:14A-2.7(a) & (b)
 - Consolidation of Permit Process N.J.A.C. 7:14A-15.5
 - Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
 - Fee Schedule N.J.A.C. 7:14A-3.1
 - Treatment Works Approval N.J.A.C. 7:14A-22 & 23
- c. Operation And Maintenance
 - Need to Halt or Reduce not a Defense N.J.A.C. 7:14A-2.9(b)
 - Proper Operation and Maintenance N.J.A.C. 7:14A-6.12
- d. Monitoring And Records
 - Monitoring N.J.A.C. 7:14A-6.5
 - Recordkeeping N.J.A.C. 7:14A-6.6
 - Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9
- e. Reporting Requirements
 - Planned Changes N.J.A.C. 7:14A-6.7
 - Reporting of Monitoring Results N.J.A.C. 7:14A-6.8
 - Noncompliance Reporting
 - Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10 & 6.8(h)
 - Written Reporting N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
 - Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
 - Schedules of Compliance N.J.A.C. 7:14A-6.4
 - Transfer N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Additional Requirements for Stormwater Discharges

- 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 permittee is required to comply with the regulations which are in effect as of the effective date of the final permit.
 - i. Additional Requirements for Certain Stormwater Discharges at N.J.A.C. 7:14A-24;
 - ii. Requirements for Discharges to Ground Water at N.J.A.C. 7:14A-7;
- b. Conditions for General Permits at N.J.A.C. 7:14A-6.13.i
 - i. Implementation element of the Pinelands Comprehensive Management Plan at N.J.A.C. 7:50;
 - ii. National Pollutant Discharge Elimination System (NPDES) Electronic Reporting rule at 40 CFR Part 127.

B. General Conditions

1. Scope

- a. The issuance of this permit shall not be considered as a waiver of any applicable federal, state, and local rules, regulations and ordinances.

2. Notification of Non-Compliance

- a. The permittee shall notify the Department of all non-compliance when required in accordance with N.J.A.C. 7:14A-6.10 by contacting the DEP HOTLINE at 1-877-WARNDEP (1-877-927-6337).
- b. The permittee shall submit a written report as required by N.J.A.C. 7:14A-6.10 within five days.

3. Notification of Facility 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 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.

4. Notification of Change in Ownership and/or Permittee/Operating Entity

- a. As set forth at N.J.A.C. 7:14A-16.2, prior to any change in ownership and/or the permittee/operating entity, the current permittee shall provide written notice to the Department at least thirty (30) days prior to the proposed transfer date.

- i. Written notice to the Department shall be in the form of a completed Application for Transfer of a NJPDES Permit form, which is available on the Department's website or by contacting the appropriate permitting program.

5. Notification of Changes to the Facility/Permit Contacts

- a. The permittee shall notify the Department within thirty (30) days of a change in contact information for any of the following persons associated with the facility/permit:
 - i. Permittee/Operating Entity Contact;
 - ii. Property Owner Contact;
 - iii. Facility Contact; or
 - iv. Fees/Billing Contact.
- b. Notification to the Department shall be in the form of a completed Contact Information Update form (i.e. NJPDES-2 form), which is available on the Department's website or by contacting the appropriate permitting program.

6. Access to Information

- a. The permittee shall allow an authorized representative of the Department, upon the presentation of credentials, to enter upon a person's premises, for purposes of inspection, and to access / copy any records that must be kept under the conditions of this permit.

7. Operator Certification

- a. In accordance with N.J.A.C. 7:10A-1.10, the facility operator is exempt from the operator certifications regulations for stormwater only discharges.

8. Eligibility

- a. This permit only authorizes facilities which conduct excavation of materials using a dredge, excavator or similar machinery as a whole or part of their industrial activity, and include the following SIC (and NAICS) codes:
 - i. Construction Sand and Gravel 1442 (NAICS 212321);
 - ii. Industrial Sand (NAICS 212322); and
 - iii. facilities that excavate soil and/or fill dirt under SIC Code 1499 (NAICS 212399).
- b. Facilities that may not have the above referenced SIC or NAICS codes but conduct operations out of a borrow pit for the purposes of removing sand, gravel and/or soil if the Department deems them a primary manufacturer of the eligible sand and gravel materials.
- c. The permittee shall discharge stormwater to ground waters of the State only as authorized herein and consistent with the terms and conditions of this permit.
 - i. The permittee shall not discharge any unpermitted discharge of domestic wastewater, non-contact cooling water, leachate, or process water, unless otherwise stated in Part IV of the permit.
 - ii. If the facility generates any discharge other than those authorized by this permit, the permittee shall discontinue such discharges and apply for the appropriate NJPDES permit in accordance with the NJPDES rules at N.J.A.C. 7:14A.

- d. This permit does not authorize discharge of solids, sludge, filter backwash or other pollutants removed in the course of treatment or control to the waters of the State unless specifically authorized in this permit.
 - i. All solids, sludge, filter backwash, or other pollutants removed from, or resulting from the treatment or control of discharges must be disposed of in accordance with all applicable Federal, State, Local, and other appropriate agency requirements.
- e. The following facilities and activities are not eligible for this permit:
 - i. New Facilities (established after January 1, 2013) that discharge to ground water in areas classified under N.J.A.C. 7:9C as Class 1-A and Class 1-PL, or which discharge to ground water that contributes to surface waters classified as C1 or FW1;
 - ii. New facilities (established after January 1, 2013) that submit a request for authorization application that fail to demonstrate a facility design capable of full compliance with this permit;
 - iii. Other activities such as composting, recycling activities and/or storage of materials not identified above in B.1.a;
 - iv. Process wastewater discharges containing surfactants, flocculants, detergents and/or other chemicals used in the process of their industrial activity; and
 - v. Facilities that discharge to the surface waters of the State.

9. Authorization

- a. In order to obtain authorization under this permit (except for automatic renewal authorization under B.6. below), a complete Request for Authorization (RFA) shall be submitted in accordance with the RSG application requirements posted at https://dep.nj.gov/dwq/permitting_information/permits_application_forms_and_checklists/#DST.
- b. 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;
 - 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.
- c. The Department may notify a person that the discharge is authorized under a general permit, even if the person has not submitted an RFA. A person, as notified above, may nonetheless request an individual permit under C.3 above

10. 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 and N.J.A.C. 7:14A-25.4(a), as long as the discharge remains eligible.
- b. The Department shall issue a notice of renewed authorization to the permittee.
- c. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed or revoked by the Department.

- d. If any information in the most recently submitted RFA is no longer true, accurate, and/or complete, the permittee shall provide the correct information to the Department within 90 days of the change.
- e. 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).

11. Requiring an Individual NJPDES Permit or Another General Permit

- a. Pursuant to N.J.A.C 7:14A-6.13(e) the Department may require any facility authorized under this permit to apply for and obtain an individual permit, or seek authorization under another general permit.
- b. If a facility is required by the Department to obtain another NJPDES permit that would also cover the authorized stormwater and/or ground water discharge authorization under this permit, this permit remains in effect only until the date the other permit becomes effective.

12. Requirements for Closing a Facility

- a. The permittee shall remove all operating equipment including but not limited to trucks, earth moving equipment, pumps and miscellaneous parts.
- b. The permittee shall empty the contents of all tanks and clean the tanks of all residues. The contents of the tanks shall be disposed of in accordance with applicable rules and regulations.
- c. The permittee shall remove all remaining aggregate piles or the permittee shall permanently stabilize the aggregate piles in accordance with the technical standards listed in the Standards for Soil Erosion and Sediment Control in New Jersey.
- d. The permittee shall restore and/or stabilize all disturbed areas of the site in accordance with the technical standards listed in the Standards for Soil Erosion and Sediment Control in New Jersey.
- e. The permittee shall submit a Permit Revocation Request Form which can be found at http://www.state.nj.us/dep/dwq/pdf/storm_revoke.pdf.
- f. The permittee shall continue to comply with the terms and conditions of the permit until notification of termination of the permit has been issued.
- g. At closure of a quarry, due diligence must include consideration of technically enhanced naturally occurring radioactive materials (TENORM). At the time of closure, contact the Bureau of Environmental Radiation (BER) at (609) 984-5400 for a determination on whether a gamma scan is required. BER, in consultation with Division of Water Supply and Geoscience, will make a determination based on the geologic region of the State.

13. Requirements for Obtaining the 5G3 General Permit

- a. For construction activities disturbing one (1) acre or more of total land area, the permittee shall obtain authorization under either a modification to this permit or under NJPDES Permit No. NJ0088323 (Construction Activity Stormwater General Permit), for stormwater from such construction activities that would be discharged to surface waters.

PART III

RECORDKEEPING AND REPORTING

The RSG Permittee shall keep records necessary to document, in the Annual Report and Certification, the status of compliance with the conditions of this permit. The requirement to keep records and to submit an Annual Report and Recordkeeping is found at Part IV.G of this permit.

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. Stormwater Acronyms Used in this Permit

- a. "BMP" - Best Management Practices
- b. "C1" - Category 1 waters
- c. "CFR" - Code of Federal Regulations
- d. "DCM" - Drainage Control Map
- e. "DCP" - Drainage Control Plan
- f. "EDP" - Effective Date of Permit
- g. "EDPA" - Effective Date of Permit Authorization
- h. "ISP" - Industrial Stormwater Program
- i. "ISPC" - Industrial Stormwater Program Coordinator
- j. "NAICS" - North American Industry Classification System
- k. "N.J.A.C." - New Jersey Administrative Code
- l. "NJPDES" - New Jersey Pollutant Discharge Elimination System
- m. "N.J.S.A." - New Jersey Statutes Annotated
- n. "PL" - general surface water classification applied to Pineland waters.
- o. "SIC" - Standard Industrial Code
- p. "SPPP" or "SP3" - Stormwater Pollution Prevention Plan

B. Definitions

- i. "Effective Date of the Permit Authorization" means the date an individual facility's authorization to discharge under this permit becomes effective. The Effective Date of Permit is found on the facility's Authorization to Discharge page.

1. Stormwater Definitions

- a. All words and terms used in this permit shall have meanings as defined in the "Regulations Concerning the New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A), unless otherwise stated or unless the context clearly requires a different meaning.

- b. Terms included in this permit are defined below. N.J.A.C. rule sources are noted where applicable:
- i. "Authorized representative" means those persons whose presence is in place of the actual entity, person, or Department, with all rights and responsibilities (N.J.A.C. 7:14A-1.2).
 - ii. "Best Management Practices (BMPs)" means -
 - 1. Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State; or
 - 2. Methods, measures, or practices selected by an agency to meet its nonpoint source control needs.BMPs also include treatment requirements, operating procedures, and techniques to control site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. BMPs include, but are not limited to, structural and nonstructural controls and operation and maintenance procedures. BMPs can be applied before, during, and after pollution-producing activities to reduce or eliminate the introduction of pollutants into receiving waters. (N.J.A.C. 7:14A-1.2)
 - iii. "Borrow pit" means any excavation pit that may or may not intercept the ground water table. The common feature of these basins is that they are topographic depressions that are used to extract materials for the facility's operations and are not designed to hold, retain, or treat and/or transmit stormwater and/or pollutants
 - iv. "Bulk Liquid" means a liquid stored in a fixed-in-place aboveground storage tank and can include, but is not limited to oil, petroleum products, process wastewaters, including leachate, and chemicals.
 - v. "Category 1 waters" means those waters designated in the tables in N.J.A.C. 7:9B-1.15(c) through (h) for purposes of implementing the anti-degradation policies set forth at N.J.A.C. 7:9B-1.5(d), et seq.
 - vi. "Containerized source material" means a source material stored in a moveable, structurally-sound, watertight vessel, including, but not limited to, drums, roll-offs, mobile fuel tanks, and dumpsters.
 - vii. "Effective Date of the Permit" means the date this Master General Permit becomes effective. The Effective Date of Permit is found on the Master General Permit Authorization to Discharge page.
 - viii. "Equipment" means any apparatus, stationary or mobile, used in the facility's industrial activities, including for the processing, sorting, or storage of source materials.
 - ix. "Indoors" means a permanent building or permanent structure that is anchored to a permanent foundation and that is completely roofed and walled.
 - x. "Noncontainerized source material" means source materials stored in a loose manner, not within a structurally sound, watertight vessel, including, but not limited to, aggregate piles, Class-B recyclables, stacks of pallets, wood waste, and mulch.
 - xi. "Overland flow" means the controlled discharge, by spraying or other means, of pollutants onto sloping land with maintained vegetation where a proportion of the wastewater may appear as runoff. Overland flow is also the movement of pollutants across the surface of the land where infiltration may occur (N.J.A.C. 7:14A-1.2).

- xii. "Pineland waters" means all waters within the boundaries of the Pinelands area, except those waters designated FW1 in N.J.A.C. 7:9B-1.15(h) Table 6, as established in the Pineland Protection Act (N.J.S.A. 13:18A-1 et seq.) and shown on Plate 1 of the "Comprehensive Management Plan" adopted by the New Jersey Pinelands Commission in November 1980.
- xiii. "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-24.2. Source materials include but are not limited to raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels; and lubricants, solvents, and detergents that are related to process or other industrial activities. Materials or machinery that are not exposed to stormwater are not "source materials".
- xiv. "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 (N.J.A.C. 7:14A-1.2).
- xv. "Vehicle" means any motorized mobile apparatus used for the transportation of people or source materials, including, but not limited to, trucks, tractors, backhoes, airplanes, and cars.

Sand & Gravel Stormwater (GP)

A. Industrial Stormwater Management Program

1. Industrial Stormwater Program Requirements

- a. The permittee shall develop, update, and implement an Industrial Stormwater Program (ISP). A primary objective of the ISP shall be to implement best management practices (BMPs) to reduce the discharge of pollutants from all areas of industrial activity and/or the storage and handling of source materials from the facility to the maximum extent practicable pursuant to N.J.A.C. 7:14A-6.2(b)1 and 40 CFR 122.26, to protect water quality, and to satisfy the applicable water quality requirements of the Clean Water Act.
- b. The permittee shall develop, update, implement, and maintain a written Stormwater Pollution Prevention Plan (SPPP or SP3) that documents the permittee's industrial stormwater program and describes the measures necessary for compliance with all permit conditions.
- c. The permittee shall designate a responsible party as the Industrial Stormwater Program Coordinator (ISPC) who will be responsible to coordinate the permittee's implementation of its ISP, permit conditions, and SPPP on or before 3 months from the effective date of this permit.
- d. The ISPC shall be responsible to coordinate the following:
 - i. Preparation and maintenance of a current and complete SPPP;
 - ii. Completion, signing and submittal of the Annual Report; and
 - iii. Training of employees and contractors working on site.
- e. The permittee shall ensure that an updated NJPDES-2 Contact Information Update Form (https://dep.nj.gov/dwq/permitting_information/permits_application_forms_and_checklists/#additic) is also submitted as per Part II.B.6. for any change regarding the ISPC.
- f. The permittee shall upload all submittals required by this permit through the NJDEP Online Stormwater Document Submittal Service (<https://dep.nj.gov/online/>). See <https://dep.nj.gov/wp-content/uploads/njpdessstormwater/guide-for-stormwater-document-submittal-service-2023.pdf> for additional information.

B. Stormwater Pollution Prevention Plan (SPPP)

1. Stormwater Pollution Prevention Plan Minimum Requirements

- a. As noted in A.1.b above, the permittee shall describe in the SPPP the measures necessary for compliance with all permit conditions for any stormwater discharges associated with any permanent and seasonal industrial activity(s) and storage and handling of any source materials.
- b. The permittee shall include and maintain a current inventory in the SPPP of the following:
 - i. All source materials, as per the definition in the Notes and Definitions section in Part IV of this permit, that are or could be potential sources of pollution of stormwater discharges on the site; and
 - ii. A detailed, site-specific, narrative description of all industrial activities and their associated locations occurring at the facility.
- c. The permittee shall include and maintain a Drainage Control Plan as described in Part IV.C below.

Sand & Gravel Stormwater (GP)

- d. The permittee shall prepare and submit a new/updated SPPP within 6 months from the effective date of permit (EDP).
- e. The permittee shall implement the new/updated SPPP, including drainage control, within 12 months from Departmental approval of the SPPP.
- f. The permittee shall amend the SPPP to adequately address all deficiencies within 60 days after receiving notification that the SPPP does not meet one or more of the minimum requirements, unless an alternate due date has been established by the Department.
- g. The permittee shall review the SPPP at least once annually and update as often as necessary to reflect changes related to the industrial activities, storage and handling of source materials, and the Drainage Control Plan and Map.
 - i. The permittee shall promptly record the annual reviews and any amendments on the SPPP Review and Revisions page.
 - ii. The permittee shall submit the updated SPPP and Review and Revisions page to the Department within 30 days of revisions.

2. SPPP Recordkeeping Requirements

- a. The permittee shall ensure the SPPP is signed by an authorized representative.
- b. The permittee shall retain the current SPPP at the facility as follows:
 - i. For use by the permittee;
 - ii. To be submitted to the Department as per B.1.d above; and
 - iii. To be provided to the Department upon request.
- c. The permittee shall provide the SPPP to the public, upon request, except as noted below.
- d. The permittee 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.

C. Drainage Control

1. Drainage Control Requirements

- a. The permittee shall establish and maintain drainage control at the facility to ensure all "stormwater associated with industrial activity" (as defined in N.J.A.C. 7:14A-1.2) (which includes storage and handling of source materials) remains on site and is prioritized to be used for dust control as needed prior to discharge, as discussed in Part IV.D.3. below.
- b. The permittee shall design and implement any structural stormwater management BMPs, including modifications thereof, either in accordance with the "New Jersey Stormwater Best Management Practices Manual" (BMP Manual) found at https://www.njstormwater.org/bmp_manual2.htm, or propose an alternative design to be reviewed and approved by the Department.
 - i. Whenever possible, the permittee shall ensure that all flow is directed along the longest axis of the basin(s).
 - ii. The permittee shall implement erosion control BMPs upgradient of observed erosion.

- c. The permittee shall ensure that discharges to the borrow pits that have intersected the ground water are limited to the following:
 - i. Return water from the process area; and
 - ii. Overland flow of incidental stormwater from around the borrow pit.
- d. The permittee shall prevent overland flow of industrial stormwater onto adjacent properties by implementing BMPs, such as berms, barriers, collection systems, embankments, and site grading.

2. Drainage Control Plan

- a. The permittee shall develop, implement, and/or maintain a Drainage Control Plan (DCP) as part of the SPPP, noted in Part IV.B.1, that describes how drainage control will be established and managed on-site.
- b. The permittee shall have the DCP certified by a New Jersey licensed Professional Engineer.
- c. The permittee shall have elevations for the DCP measured by a New Jersey licensed Professional Land Surveyor.
- d. The permittee shall ensure the DCP contains the following:
 - i. Written narrative section prepared in accordance with e. below; and
 - ii. Drainage Control Map (DCM) prepared in accordance with f. below.
- e. The permittee shall include in the written narrative, at minimum, the following information:
 - i. Facility Name;
 - ii. NJPDES permit number;
 - iii. Program Interest ID Number (PI Number);
 - iv. All existing and proposed structural BMPs to be implemented for stormwater diversion or treatment;
 - v. Sizing calculations for any stormwater management basins that manage stormwater runoff from regulated areas of the facility; and
 - vi. The name of the receiving aquifer (for any infiltrating stormwater management basins) and assigned New Jersey Ground Water Quality Standards' classification.
- f. The permittee shall include on the DCM, at minimum, the following information:
 - i. Site boundary;
 - ii. Title block containing tax block and lot number;
 - iii. Topography and elevations;
 - iv. North directional arrow;
 - v. Boundary lines of each industrial activity area;
 - vi. Boundary lines of each source material storage area;

- vii. Present and proposed grading of drainage areas, including elevations and flow arrows showing the drainage direction;
- viii. All surface waters on or adjacent to the site, including the Surface Water Quality Standards classifications of the water bodies (listed at https://dep.nj.gov/wp-content/uploads/rules/rules/njac7_9b.pdf);
- ix. All receiving aquifers (for infiltrating stormwater management basins) and assigned New Jersey Ground Water Quality Standards classification (listed at https://dep.nj.gov/wp-content/uploads/rules/rules/njac7_9c.pdf);
- x. Location of existing buildings, access roads, employee/customer parking, and other areas and structures at the facility;
- xi. Ground water contamination areas; and
- xii. Date prepared/revised.

D. Best Management Practices (BMPs) for Pollution Prevention

1. General BMP Requirements

- a. The permittee shall implement the following best management practices (BMPs), at a minimum, to prevent the discharge of pollutants to surface or ground waters of the State from all areas of industrial activity and storage and handling of source material to the maximum extent practicable pursuant to N.J.A.C. 7:14A-6.2(b)1 and 40 CFR 122.26, to protect water quality, and to satisfy the applicable water quality requirements of the Clean Water Act.
- b. The permittee shall store source materials, which includes waste materials, indoors whenever practicable.
- c. The permittee shall store source materials that are outdoors in a manner that minimizes stormwater run-on and run-off.
- d. The permittee shall ensure that any stormwater that discharges to ground waters from the site:
 - i. Does not contain any trash;
 - ii. Does not exhibit a visible sheen or other discoloration; and
 - iii. Does not contain foam or odor.
- e. The permittee shall ensure that any land disturbances that will affect stormwater discharges authorized by this permit, only be executed 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.
- f. The permittee is only permitted to store wood chips, tree stumps, other tree debris, and brush piles on site that result from on site land clearing for the purposes of future sand and gravel operations. The storage shall be managed as follows:
 - i. These materials shall only be stored in a manner such that runoff from the storage area shall infiltrate into the ground; and

- ii. Runoff from the storage areas shall not flow into borrow pits that intersect the ground water table.
- iii. These materials shall not be stored in wetlands, transition areas or any other manner with a direct connection to a surface water body.

2. Erosion and Dust Control

- a. The permittee shall establish and maintain BMPs for site stabilization and dust control in areas where the potential for erosion and transport of dust and particulates exists, which shall include, at a minimum:
 - i. Traffic control to prevent or minimize the disturbance of non-stabilized areas and vegetative covers;
 - ii. Entrance/exit stabilization to prevent or minimize the transport of particulates and sediment outside the property boundary;
 - iii. Stabilization of areas that have high potential for soil erosion or a known soil erosion problem using appropriate vegetative, structural, or nonstructural measures; and
 - iv. Reuse of collected stormwater to minimize dust and the transport of particulates and sediment.
- b. The permittee shall sweep (or clean using other dry-cleaning methods) impervious areas as frequently as necessary to prevent the buildup and transport of particulates and sediment.

3. Containerized Source Material Storage

- a. The permittee shall manage containerized source materials, including waste materials, in the following manner:
 - i. When practicable, store containers indoors;
 - ii. If outdoors, containers shall be stored on impervious surfaces;
 - iii. Properly label all containers and keep labels legible, clean, and visible;
 - iv. Keep containers tightly closed/covered when not in use;
 - v. Containers shall be stored in an area that is graded and/or bermed, or placed on spill platforms or clean pallets, to prevent the run-through of stormwater;
 - vi. Not overfilled to prevent the spilling, dumping, or leaking of pollutants; and
 - vii. Maintain containers to ensure the structural and watertight integrity to prevent the leaking or spilling of pollutants.

4. Non-containerized Source Material Storage

- a. This section does not apply to the storage of sand, gravel, wood materials noted in D.1. above, or outdoor de-icing materials noted in Section D.14. below.
- b. The permittee shall store such non-containerized source materials, which includes waste materials, indoors whenever practicable.

- c. The permittee shall store non-containerized source materials that are outdoors in a manner as to minimize stormwater run-on and pollutant run-off via three-sided storage bays, surface grading, or dikes and/or berms, as follows:
 - i. The open side of storage bays shall be situated on the upslope, where practicable;
 - ii. Source materials shall be stored on an impervious surface, where practicable;
 - iii. Source materials shall be covered;
 - iv. Storage bays shall not be overfilled so as to prevent spillage; and
 - v. The area in front of storage bays and adjacent to storage areas shall be swept clean every day after loading/unloading.
- d. The permittee shall not store waste materials for more than six (6) months, unless this storage is authorized by the Division of Sustainable Waste Management.

5. Bulk Liquid Storage

- a. The permittee shall provide all aboveground tanks with secondary containment as follows:
 - i. The containment area shall be impervious;
 - ii. The containment area shall be able to contain the volumetric capacity of at least 110% of the largest tank's capacity within the containment area;
 - iii. The containment area shall be constructed so that no volume of the stored liquid can escape through drains, storm sewer systems, or to the surface waters or ground waters of the State;
 - iv. All accessory pipes, hoses, valves, and pumps shall be located within the containment area; and
 - v. All stormwater shall be removed from containment areas promptly after storm events to ensure that the 110% volumetric capacity is available in the event of tank failure.

6. Bulk Liquid Transfer

- a. The permittee shall establish, maintain, and implement standard operating procedures in the SPPP to prevent the exposure of stormwater during all bulk liquid transfers.
- b. The permittee shall ensure that a trained employee is present to supervise all bulk liquid transfers.
- c. The permittee shall manage all bulk liquid transfers as follows:
 - i. All storm sewer inlets shall be blocked within the drainage area of the transfer operation, including all hose connection points; or
 - ii. Temporary berms or booms shall be placed around the transfer operations, including all hose connection points.
- d. The permittee shall keep a dedicated spill kit in each bulk liquid transfer area.
- e. The permittee shall place drip pans under all hose and pipe connections and other leak-prone areas during all bulk liquid transfers.
- f. The permittee shall conduct routine inspections of storage tanks, including the associated piping and pumps to ensure that equipment is free from damage or leaks.

- g. The permittee shall perform routine maintenance of storage tanks, including the associated piping and pumps according to any manufacturer's specifications.
- h. The permittee shall immediately repair or replace any equipment, tanks, pumps, piping, and dispensing equipment found to be leaking or in disrepair.

7. Stationary Fueling Operations

- a. The permittee shall establish, maintain, and implement standard operating procedures in the SPPP to prevent the exposure of stormwater during all stationary fueling operations.
- b. The permittee shall ensure that all employees that perform stationary fueling operations are properly trained.
- c. The permittee shall ensure that all stationary fueling operations are conducted:
 - i. On an impervious surface; and
 - ii. Under cover of a solid canopy, roof or similar structure that prevents precipitation from falling on vehicles and fueling area.
- d. All stormwater that comes in contact with stationary fueling operations shall be directed to an oil/water separator.
- e. The permittee shall keep a dedicated and fully stocked spill kit within each fueling area.
- f. The permittee shall conduct routine inspections of fueling equipment, including the associated piping and pumps to ensure that equipment is free from damage or leaks.
- g. The permittee shall perform routine maintenance of the fueling equipment, including the associated piping and pumps according to any manufacturer's specifications.
- h. The permittee shall immediately repair or replace any equipment, tanks, pumps, piping, and dispensing equipment found to be leaking or in disrepair.
- i. The permittee shall clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment, which shall include, but is not limited to:
 - i. "Topping off of vehicles, mobile fuel tanks, and storage tanks is strictly prohibited";
 - ii. "Stay in view of fueling nozzle during dispensing"; and
 - iii. Contact information for the person(s) responsible for spill response and the NJDEP Hotline number (1-877-927-6337).

8. Mobile Fueling Operations

- a. The permittee shall establish, maintain, and implement standard operating procedures in the SPPP to prevent the exposure of stormwater during all mobile fueling operations.
- b. The permittee shall ensure that all employees that perform mobile fueling operations are properly trained.
- c. The permittee shall manage all mobile fueling operations as follows:
 - i. All storm sewer inlets shall be blocked within the drainage area of the mobile fueling operations, including all hose connection points; or

- ii. Temporary berms or booms shall be placed around the mobile fueling operations, including all hose connection points.
- d. The permittee shall ensure that absorbent pads are placed under each hose connection during all mobile fueling operations.
- e. The permittee shall ensure that mobile fueling does not occur within 50 feet of any storm drain, surface waterbody, or ground water intersected borrow pit.
- f. The permittee shall keep a dedicated and fully stocked/complete spill kit within each fuel delivery vehicle.
- g. The permittee shall conduct routine inspections of fueling equipment, including the associated piping and pumps to ensure that equipment is free from damage or leaks.
- h. The permittee shall perform routine maintenance of fueling equipment, including the associated piping and pumps according to any manufacturer's specifications.
- i. The permittee shall immediately repair or replace any equipment, tanks, pumps, piping, and dispensing equipment found to be leaking or in disrepair.
- j. The permittee shall clearly post, in a prominent area of the fuel delivery vehicle, instructions for safe operation of fueling equipment, which shall include, but is not limited to:
 - i. "Topping off of vehicles, mobile fuel tanks, and storage tanks is strictly prohibited";
 - ii. "Stay in view of fueling nozzle during dispensing"; and
 - iii. Contact information for the person(s) responsible for spill response and the NJDEP Hotline number (1-877-927-6337).

9. Discharge of Stormwater from Secondary Containment

- a. The permittee shall only discharge stormwater accumulated in a secondary containment area, e.g., fuel storage, de-icing/anti-icing solution storage, brine solution, as follows:
 - i. Conduct visual inspections to ensure that bulk liquids have not contaminated the stormwater collected in the secondary containment area when dealing with materials that can be observed, e.g., petroleum;
 - ii. If the contents of the tank are not visible in stormwater, e.g., brine solution, the permittee shall determine based on recent tank inspections and bulk liquid transfers that the bulk liquids have not contaminated the stormwater collected in the secondary containment area;
 - iii. If the permittee cannot determine that the stormwater in the secondary containment area is uncontaminated, then the stormwater shall be disposed of properly as process wastewater; and
 - iv. Valves shall remain closed at all times except when discharging stormwater that meets the conditions above.

10. Spill Response

- a. The permittee shall develop and maintain BMPs to immediately address leaks, spills, and other releases that have the potential to be exposed to stormwater.
- b. The permittee shall manage all spills immediately upon discovery as follows:

- i. All storm sewer inlets shall be blocked within the drainage area of the spill; or
- ii. Temporary berms or booms shall be placed around the spill.
- c. The permittee shall implement the following procedures to remediate all spills using the following methods:
 - i. Clean-up spills of liquids or dry materials immediately upon discovery;
 - ii. Clean-up spills of liquid materials using dry cleaning methods only with absorbent material (e.g., kitty litter, sawdust, etc.); and
 - iii. All waste materials shall be collected and disposed of properly.
- d. Any spills or suspected release of hazardous substances shall be immediately reported to the NJDEP Hotline (1-877-927-6337) followed by a site investigation in accordance with N.J.A.C. 7:26C and N.J.A.C. 7:26E if the discharge is confirmed.

11. Vehicle/Equipment Maintenance

- a. The permittee shall properly operate and maintain vehicles and equipment to prevent the exposure of pollutants to stormwater.
- b. The permittee shall prevent the discharge of oil, grease, thinners, degreasers, lubricants, and contact cooling water to the ground or surface waters of the State during maintenance of vehicles and equipment.
- c. The permittee shall conduct all outdoor vehicle and equipment maintenance as follows, except as noted in below for emergency situations:
 - i. The permittee shall, whenever practicable, conduct vehicle and equipment maintenance activities indoors; and
 - ii. The permittee shall conduct indoor vehicle and equipment maintenance on an impervious surface.
- d. The permittee shall conduct all outdoor vehicle and equipment maintenance as follows, except as noted below for emergency situations:
 - i. In a designated vehicle and equipment maintenance area;
 - ii. On an impervious surface; and
 - iii. Within a containment area.
- e. The permittee shall use drip pans at all times to capture all vehicle and equipment fluid leaks.
- f. The permittee shall ensure that all stormwater captured within the designated vehicle and equipment maintenance area is disposed of properly as process wastewater.
- g. The permittee shall keep a dedicated spill kit within each vehicle and equipment maintenance area.
- h. For emergency outdoor vehicle and equipment maintenance that cannot be performed within the designated vehicle and equipment maintenance area, the permittee shall ensure that:
 - i. All storm sewer inlets are blocked within the drainage area of the vehicle and equipment maintenance, or

- ii. Temporary berms or booms are placed around the vehicle and equipment maintenance area.
- i. The permittee shall place portable tents or covers over the vehicles or equipment being serviced overnight and when not being worked on.

12. Inoperable Vehicle/Equipment Storage

- a. The permittee shall store inoperable vehicles and equipment as follows:
 - i. In a designated area at least 50 feet from storm drains, surface waters, or ground water intersected borrow pits; and
 - ii. Covered if there are exposed internal components and/or rust damage.
- b. The permittee shall prevent the leaking of fluids from inoperable vehicles and equipment as follows:
 - i. Drip pans shall be utilized immediately if any inoperable vehicle or equipment is found to be leaking fluids;
 - ii. Leaks shall be repaired and/or fluids drained from the vehicle or equipment; and
 - iii. End-of-life vehicles and equipment shall be drained of all fluids before storage.
- c. The permittee shall handle batteries as follows:
 - i. Batteries shall be stored indoors;
 - ii. If batteries cannot be stored indoors, batteries shall be stored under cover and on an impervious surface; and
 - iii. Batteries that are cracked, broken, or leaking fluids shall be disposed of immediately and properly.

13. Vehicle/Equipment Rinsing, Washing, and Wastewater Containment

- a. The permittee shall ensure that vehicle and equipment rinsing only, using water only with no detergents, occurs as follows:
 - i. Is limited to the removal of grit, grime, dust, dirt and incidental road salt on external parts and undercarriages of vehicles and equipment;
 - ii. Prior to rinsing with water, the bulk residue shall be removed from vehicles and equipment to the maximum extent practicable using dry cleaning methods (e.g., shoveling, raking, sweeping or other means);
 - iii. Vehicles and equipment were not used to move and/or excavate hazardous or contaminated materials; and
 - iv. Rinse water from activities listed above shall not be diverted to any borrow pit that has intercepted the ground water table or cause a discharge to surface water.
- b. The permittee shall prevent the discharge of wash wastewaters to surface water or ground waters as follows:
 - i. The permittee shall perform washing of vehicles and equipment indoors whenever practicable.

- ii. The permittee shall discharge wash wastewater to a sanitary sewer if available.
- c. The permittee shall maintain the following practices, or equivalent measures, for outdoor washing and indoor washing if the wash wastewater cannot drain to the sanitary sewer:
 - i. In a designated vehicle and equipment wash area;
 - ii. On an impervious surface;
 - iii. Within a wash wastewater containment area, sectioned off with booms or equivalent measures to prevent the discharge of wash wastewaters into surface or ground waters, or the stormwater sewer system;
 - iv. All wash wastewater and residues shall be vacuumed up and the area rinsed clean prior to removing the booms or other measures; and
 - v. All wash wastewater shall be properly disposed of upon completion of the vehicle/equipment washing activities.
- d. The permittee shall contain vehicle and equipment wash wastewater as follows:
 - i. Wash wastewater shall be temporarily stored in a containment structure prior to proper disposal;
 - ii. The containment structure(s) containing the wash wastewater shall not leak;
 - iii. Any underground tanks and associated piping shall be tested for integrity every three years using appropriate methods determined by "The List of Leak Detection Evaluations for Storage Tank Systems" created by the National Work Group on Leak Detection Evaluations, or as determined appropriate and certified by a professional engineer for the site-specific containment structure(s);
 - iv. Any cathodically-protected containment system shall have a passing cathodic protection survey every three years;
 - v. Before each use of the wash wastewater containment, inspections shall be performed of all visible portions of containment structures to ensure that they are structurally sound;
 - vi. Containment structures shall be prevented from overfilling as a result of operations, malfunctions of equipment, or human error;
 - vii. Wash wastewater shall not be introduced to the containment structure when it is determined to be at 95% capacity;
 - viii. Each volumetric measurement shall be measured and recorded to the nearest ½ inch using the "Underground Vehicle Wash Water Storage Tank Use Log" form, which can be found on the Department's website (<https://dep.nj.gov/njpd-des-stormwater/municipal-stormwater-regulation-program/public-complex->
 - ix. Containment structures shall be emptied and taken out of service immediately upon detection of deterioration that could result in a leak;
 - x. All necessary repairs shall be conducted to ensure structural integrity before placing a containment structure back into service;
 - xi. Any spills or suspected release of hazardous substances shall be immediately reported to the NJDEP Hotline (1-877-927-6337) which will be followed by a site investigation in accordance with N.J.A.C. 7:26C and N.J.A.C 7:26E if the discharge is confirmed;

- xii. All wash wastewater from pump-outs and clean-outs shall be disposed of properly;
- xiii. A log of equipment and vehicle wash wastewater containment structure pump-outs (removes only water) and clean-outs (removes all water and sludge) shall be maintained that includes the date and method of removal, mode of transportation (including name of hauler if applicable) and the location of disposal. See "Underground Vehicle Wash Water Storage Tank Pump Out Log" form on the Department's website (<https://dep.nj.gov/njpdessstormwater/municipal-stormwater-regulation-program/public-complex-templates-and-forms>); and
- xiv. A NJ licensed professional engineer shall annually inspect and certify that all containment structures are in proper condition using the Engineer's Certification of Annual Inspection of Equipment and Vehicle Wash Wastewater Containment Structure found at (<https://dep.nj.gov/njpdessstormwater/municipal-stormwater-regulation-program/public-complex-templates-and-forms>); and
- xv. This Engineer's Certification may be waived in writing by the Department for self-contained systems on a case-by-case basis.

14. Outdoor Salt and Other Granular De-icing/Anti-icing Material Storage and Handling

- a. The permittee shall manage the outdoor storage of salt and other granular de-icing/anti-icing materials (de-icing materials) as per the following requirements.
- b. The permittee shall only store de-icing materials temporarily between October 15th and April 15th.
- c. The permittee shall store loose de-icing materials on a flat, impervious surface in a manner that prevents stormwater run-through.
- d. The permittee shall store loose de-icing materials at least 50 feet from borrow pits, surface water bodies, storm drain inlets, ditches and/or other stormwater conveyance channels.
- e. The permittee shall store loose de-icing materials in a cone-shaped storage pile.
- f. The permittee shall sweep by hand or mechanical means tracked de-icing materials back into the storage pile at the end of each day. Sweeping shall also be conducted immediately following, as practicable, loading/unloading activities.
- g. The permittee shall ensure that loose de-icing materials are covered when not in use and at the end of each day, as follows:
 - i. The cover shall be waterproof, impermeable, and flexible;
 - ii. The cover shall extend to the base of the pile(s);
 - iii. The cover shall be free from holes or tears;
 - iv. The cover shall be secured and weighed down around the perimeter to prevent removal by wind;
 - v. Weight shall be placed on the cover(s) in such a way that minimizes the potential of exposure as materials shift and runoff flows down to the base of the pile; and
 - vi. Items used as weights that can potentially hold water (e.g., old tires) shall not be used.
- h. The permittee shall incorporate into the SPPP practices to minimize the spillage of salt and de-icing materials during loading and unloading activities.

- i. At the completion of loading and unloading activities, the permittee shall ensure that spilled salt and de-icing materials are removed using dry cleaning methods and either reused or properly discarded.
- j. The permittee shall minimize the tracking of de-icing materials from storage and loading/unloading areas.
- k. The permittee shall minimize the distance salt and de-icing materials are transported during loading/unloading activities.

E. Operation and Maintenance

1. Facility and BMP Operation and Maintenance

- a. The permittee shall perform proper operation and maintenance of all areas and BMPs associated with the industrial activities at the facility, as specified in the SPPP.
 - i. BMP maintenance shall be performed pursuant to approved maintenance plans, or more frequently as needed, to ensure the proper function and operation.
- b. The permittee shall conduct proper operation and maintenance of backup or auxiliary facilities, or similar systems.
- c. The permittee shall conduct thorough inspections on a quarterly basis, or more frequently as necessary, as follows:
 - i. Inspections during dry periods shall be conducted to identify and address any problems prior to a storm event in order to minimize the chance for stormwater contamination;
 - ii. Inspections during valid storm events shall be conducted to ensure that all BMPs are being implemented and performing properly; and
 - iii. Inspections shall be conducted to determine if the slope and vegetative cover of the overland flow area is performing as designed, or needs to be maintained or repaired.
- d. The permittee shall conduct annual inspections of the facility to:
 - i. Assess all areas contributing to the stormwater discharge authorized by this permit to evaluate if the SPPP adequately addresses the industrial activities and source material storage and handling areas;
 - ii. Ensure that all aspects of the SPPP are being implemented in accordance with this permit; and
 - iii. Determine if modifications to any part of the SPPP are needed to meet the conditions of this permit.
- e. The permittee shall not utilize an infiltration basin after basin failure unless all inspections and necessary repairs have been completed.
- f. The permittee shall include a description of all operation and maintenance activities as part of the SPPP including, but not limited to:
 - i. A schedule of physical inspections of the entire facility;
 - ii. A schedule of physical inspections of all BMPs;

- iii. A description of any alternate procedures to be implemented in the event that a basin is removed from service for an extended period of time for reasons other than scheduled rotation of permitted discharge areas; and
- iv. A plan for managing any materials removed in the course of treatment or control of stormwater to prevent any pollutant from entering surface or ground waters, causing nuisance conditions, or creating a public health concern.
- g. The Department may, at any time, require the certification of structural integrity of a stormwater management facility based on visual observation made during Compliance Evaluation Inspections or other Department site visits.

F. Employee Training

1. Employee Training Requirements

- a. The permittee shall develop, update, and implement an employee training program that ensures duty-specific training of all individuals responsible for the implementation of the Industrial Stormwater Program (ISP) as follows:
 - i. The permittee shall ensure that employees are properly trained on job duties prior to the commencement of the employee performing those duties;
 - ii. The permittee shall ensure that employees are trained on the contents of the SPPP on an annual basis according to each employee's title and job duties, in accordance with Sections B through E above;
 - iii. The permittee shall ensure that all employees are trained on proper use of spill kits, as per the Spill Response BMP detailed in Section D., above;
 - iv. The permittee shall ensure that all employees are trained on proper fueling and transfer procedures; as per the Stationary and Mobile Fueling BMPs, as detailed in Section D., above; and
 - v. The permittee shall keep records of employee training including sign in sheet(s), date(s) of training, and training agenda(s) in the SPPP.

G. Annual Report and Recordkeeping Requirements

1. Annual Reports

- a. The permittee shall prepare an Annual Report that includes the following information:
 - i. A copy of the SPPP, and the Review and Revisions page;
 - ii. A description of all changes made to the SPPP since the previous Annual Report;
 - iii. The date(s) of implementation of the changes to the SPPP;
 - iv. A log and description of findings of annual and quarterly inspections in accordance with Part IV.E above;
 - v. A description of any new or existing BMPs that were implemented or modified; and
 - vi. A log of any other incidents of non-compliance discovered during the annual inspection, with a description of any remedial actions and/or preventative measures taken.

- b. The permittee shall coordinate the completion and submittal of the Annual Report, including signing/certifying, and dating the Annual Report.
 - i. The permittee may choose to appoint a duly authorized representative to submit the Annual Report as per N.J.A.C 7:14A-4.9.
- c. The permittee shall retain records of all monitoring information, maintenance records, employee training, and copies of all reports required by this permit for a period of at least five (5) years.
- d. The permittee shall maintain a copy of the Annual Report with the facility's SPPP.
- e. The permittee shall submit an annual report to the Department 60 days after the end of every annual period from effective date of the permit (EDP).
- f. The permittee shall submit the Annual Report to the Department via the NJDEP Online Stormwater Document Submittal Service (<https://dep.nj.gov/online/>).

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0201189
DST250001 Stormwater Discharge Master General Permit
Renewal