



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
401-02B

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

Water Pollution Management Element
Bureau of Nonpoint Pollution Control
P.O. Box 420 – 401 E. State St.
Trenton, NJ 08625-0420
Tel: (609) 633-7021 / Fax: (609) 777-0432
http://www.state.nj.us/dep/dwq/bnpc_home.htm

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

11/24/2010

Re: R5 - Newark Airport Complex Stormwater General Permit
NJPDES: NJ0134791
NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST
Newark, Essex County

Dear Permittee:

Enclosed is a **final** New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above, authorizing the discharge of stormwater from the Port Authority of NY/NJ and operators at the Newark Liberty International Airport to stormwater 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 R5 – Newark Airport Complex Stormwater General Permit, the Fact Sheet and relevant attachments are on the Department website at: <http://www.state.nj.us/dep/dwq/ewr.htm>. Please note that the permit has been renewed without change.

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.

Thank you for your continued support of the Department's Clean Water Initiative. If you have questions or comments regarding the renewal please contact your Sheri Shifren at (609) 633-7021.

Sincerely,

Ed Frankel, P.P., Section Chief
Bureau of Nonpoint Pollution Control

Enclosures: Authorization Page
cc: Permit Distribution List

Contents of the
Renewal Permit Package
NJ0134791
Newark Liberty International Airport Complex
Master General Permit (R5)

Cover letter

Authorization Page

Part I - Standard Conditions

Part II - General Conditions

Part III - Monitoring Requirements

Part IV – Specific Conditions

Appendix 1

Table 2: Certification Requirements

Appendix 2 – Attachments

Certification Form

Attachment B: Contents of the Stormwater Pollution
Prevention Plan



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: NJ0134791

Final: Stormwater Discharge Master General Permit Renewal

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:

NJPDES MASTER GENERAL PERMIT PRO
INTEREST
401 E STATE ST
Trenton, NJ 08625

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
R5 -Newark Airport Complex (GP)	12/01/2010	12/01/2010	11/30/2015

**By Authority of:
Commissioner's Office**

DEP AUTHORIZATION
Ed Frankel, P.P., Section Chief
Bureau of Nonpoint Pollution Control
Water Pollution Management Element

(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 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(c) & (d)
 - 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. Stormwater Discharge Requirements

- a. In addition to conditions in Part I of this permit, the conditions in this section applicable to activities at the permitted location 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. Conditions for General Permits N.J.A.C. 7:14A-6:13
 - ii. Procedures and conditions applicable to stormwater discharges N.J.A.C. 7:14A-24.1

2. Other Discharge Requirements

- a. In addition to conditions in Part I of this permit, the conditions below of 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. Surface Water Quality Standards N.J.A.C. 7:9B
 - ii. Water Quality Management N.J.A.C. 7:15-3.4
 - iii. Standards for the Use or Disposal of Residuals N.J.A.C. 7:14A-20
 - iv. Sludge Quality Assurance Regulations N.J.A.C. 7:14C
 - v. Requirements for Discharges to Ground Water (DGW) N.J.A.C. 7:14A-7
 - vi. UIC Corrective Action N.J.A.C.7:14A-8.4
 - vii. Additional Conditions Applicable to UIC Permits N.J.A.C. 7:14A-8.9
 - viii. UIC Operating Criteria N.J.A.C.7:14A-8.16

B. General Conditions

1. Automatic Renewal of Authorization

- a. Authorization under this permit will be automatically renewed if this permit is reissued in the future (so long as the discharge remains eligible). For any permittee that has authorization under this permit prior to the effective date of the reissued permit, the most recently submitted RFA is also the timely and complete RFA under the reissued permit. (However, if the permittee is aware that any information in that most recently submitted RFA is no longer true, accurate, and complete, the permittee shall provide the correct information to the Department within 90 days after that effective date, if the permittee has not done so already.) The Department will issue a notice of renewed authorization to each such permittee.

- b. A permittee whose authorization was renewed under a. 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 condition of the reissued permit in accordance with N.J.A.C. 7:14A-17.6.

2. Requests for Modification

- a. A permittee authorized under this general permit may request a modification of this permit based on changes to Statutes, Regulations and Federal National Pollutant Discharge Permit (NPDES) program policy (i.e. federal NPDES permit). Requests for modification shall be completed in accordance with the provisions outlined in N.J.A.C. 7:14A-16.3 and 7:14A-16.4.

3. Requiring an Individual Permit or Another General Permit;

- a. The New Jersey Department of Environmental Protection ("the Department") may require any permittee authorized under this permit to apply for and obtain an individual DSW permit, or seek and obtain authorization under another general permit.
- b. Conversely, any permittee authorized under this permit may request to be excluded from authorization under this permit by applying for an individual DSW permit or for another general DSW permit. Revocation of existing permits under such circumstances 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 /DSW permit that would also cover the authorized stormwater 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.
 - iii. If such 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.

4. Other Discharges

- a. If, during or after the preparation of the SPPP, it is discovered that the facility generates and discharges, through storm sewers to surface waters, any unpermitted domestic wastewater, wash water, or process waste water (including leachate and cooling water) other than stormwater or non-contact cooling water authorized under Part III and IV, the permittee shall discontinue such discharges or apply for the appropriate NJPDES permit in accordance with the NJPDES rules at N.J.A.C. 7:14A.
- b. Other discharges are not authorized by this permit, even if such discharges are combined with stormwater or non-contact cooling water discharges that are authorized by this permit. If, during or after the preparation of the SPPP, it is discovered that the facility generates and discharges to surface waters, any unpermitted domestic waste water, sanitary discharge, non-contact cooling water, or process waste water (including industrial leachate and cooling water), the permittee shall discontinue such discharges or apply for the appropriate NJPDES permit in accordance with the NJPDES rules at N.J.A.C. 7:14A. This permit does not authorize any discharges of domestic waste water, washwater, or any process waste water.

5. Other Permits or Regulatory Requirements

- a. Compliance with the conditions of this permit does not exempt the permittee from any other applicable permit or other regulatory requirements including, but not limited to, Federal rules and regulations, State rules and regulations outside of the NJDEP, all other Department rules and any local county and municipal ordinances.

6. Notification of Changes

- a. All permittees shall give written notice 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(s) including the cessation of the discharge, in accordance with N.J.A.C. 7:14A-6.7.

7. Preparation and Implementation of Stormwater Pollution Prevention Plan (SPPP), Part III, IV and Appendix 2, Attachment B

- a. Permittees are required to prepare, certify, and implement a SPPP.
- b. In addition, a SPPP shall be in compliance with the Soil Erosion and Sediment Control Act N.J.S.A. 4:24-3.9 et seq., for any land disturbance regulated under that act that may affect stormwater discharges regulated under this permit.
- c. The original SPPP shall be signed by the permittee, and the original retained at the facility for NJDEP inspection in accordance with Appendix 2, Attachment B.

8. Operation and Maintenance

- a. The permittee shall be responsible for supervising and managing the operations and maintenance of this facility and any BMPs which are installed or used by the permittee to achieve compliance with the conditions of the permit and with the requirements identified in the Stormwater Pollution Prevention Plan. Proper operation and maintenance may require the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit.

9. Instances of Non-Compliance

- a. All instances of noncompliance not reported under N.J.A.C. 7:14A-2.5(a)12 and (a)14 and N.J.A.C. 7:14A-3.10 shall be reported to the Department annually.

10. Sampling Points

- a. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water or substance. Sampling points shall not be changed without notification to and the approval of the Department.

11. Intermittent Discharges

- a. The permittee is required during normal working hours (see Part IV.B Definitions), to provide representative sampling of any regulated intermittent activity N.J.A.C. 7:14A-6.5(a). Therefore, although a discharge may occur on an intermittent basis, it does not exempt the permittee from complying with the conditions of the permit. For example, if a permittee has a monthly monitoring and reporting requirement and the discharge occurs three separate times during the month, the permittee should obtain a sample during at least one of the discharge events occurring during the monitoring period. The permittee should report "NODI" on the DMR only if there are no discharge events during the entire reporting period.

12. Removed Substances

- a. 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. All solids, sludges, 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.

13. Affirmative Defenses

- a. Pursuant to N.J.A.C. 7:14A-6.11 permittees may request an affirmative defense for effluent violations resulting from an upset, bypass, or laboratory error in accordance with the procedures at N.J.A.C. 7:14-8.3(i).

14. Outfall Tag

- a. All permittees with discharges that flow through an outfall pipe, unless such outfall pipe is completely and continuously submerged, or is not assigned a Discharge Serial Number (DSN) shall notify the Department that a tag to mark the location of the pipe has been installed on the pipe by the effective date of the permit consistent with N.J.A.C. 7:14A-6.2(a)9.

15. Other Law

- 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.

16. Toxic Effluent Limitations

- a. Notwithstanding any other condition of this permit, if any applicable toxic effluent standard, limitation, or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Sections 301(b)(2) (C) and (D), 304(b)(2), and 307(a)(2) of the Federal Clean Water Act or Sections 4 or 6 of the State Act for a toxic pollutant and that effluent standard, limitation, or prohibition is more stringent than any limitation on the pollutant in the permit (or controls a pollutant not limited in the permit), this permit shall be promptly modified or revoked and reissued to conform to that effluent standard, limitation, or prohibition (N.J.A.C. 7:14A-13.3 et seq.).

17. Exemptions

- a. Operations and Maintenance Manual
 - i. In accordance with N.J.A.C. 7:14A-6.12(c), for a stormwater discharge authorized by this permit, the permittee is exempt from the requirement to prepare an operations and maintenance manual. (Note: This provision only exempts stormwater discharges authorized under this permit and does not exempt the non-contact cooling water discharge authorized under this permit)

PART III

LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION GROUP: Port Authority Only

Monitored Location Group Members

011A Stormwater Discharge, 014A Stormwater Discharge, 022A Stormwater Discharge

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

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

PHASE:Final **PHASE Start Date:** 12/01/2005 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Date of Storm Event	Effluent Gross Value	***** Event	*****	*****	*****	*****	REPORT Report Per	MM/DD/YY	1/Month	Calculated
	January thru December	QL	***		***	***	***			
Time Storm Event Began	Effluent Gross Value	***** Event	*****	*****	*****	*****	REPORT Report Per	STD TIME	1/Month	Calculated
	January thru December	QL	***		***	***	***			
Storm Event Duration	Effluent Gross Value	***** Event	*****	*****	*****	*****	REPORT Report Per	# HOURS	1/Month	Calculated
	January thru December	QL	***		***	***	***			
Hours Since Last Storm Event	Effluent Gross Value	***** Event	*****	*****	*****	*****	REPORT Report Per	# HOURS	1/Month	Calculated
	January thru December	QL	***		***	***	***			
Time of Sample Collection	Effluent Gross Value	***** Event	*****	*****	*****	*****	REPORT Report Per	STD TIME	1/Month	Calculated
	January thru December	QL	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

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

PHASE:Final **PHASE Start Date:** 12/01/2005 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Rainfall Amount at Time of Sampling	Effluent Gross Value	***** Event	*****	*****	*****	*****	REPORT Report Per	# INCHES	1/Month	Calculated
	January thru December	QL	***		***	***	***			
pH	Effluent Gross Value	***** Minimum	*****	*****	REPORT Daily	*****	REPORT Daily Maximum	SU	1/Quarter	Grab
	January thru December	QL	***		***	***	***			
Solids, Total Suspended	Effluent Gross Value	***** Average	*****	*****	*****	REPORT Quarterly	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	January thru December	QL	***		***	***	***			
Nitrogen, Kjeldahl Total (as N)	Effluent Gross Value	***** Average	*****	*****	*****	REPORT Monthly	REPORT Daily Maximum	MG/L	1/Month	Grab-3
	January thru December	QL	***		***	***	***			
Petrol Hydrocarbons, Total Recoverable	Effluent Gross Value	***** Average	*****	*****	*****	10 Quarterly	15 Daily Maximum	MG/L	1/Quarter	Grab-3
	January thru December	QL	***		***	***	***			
BOD, Carbonaceous 5 Day, 20oC	Effluent Gross Value	***** Average	*****	*****	*****	REPORT Monthly	REPORT Daily Maximum	MG/L	1/Month	Grab-3
	January thru December	QL	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

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

PHASE:Final **PHASE Start Date:** 12/01/2005 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	***** Average	*****	*****	*****	REPORT Monthly ge	REPORT Daily Maximum	MG/L	1/Month	Grab-3
	January thru December	QL	***		***	***	***			

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. **The following notes specifically refer to the monitoring required in the Tables 1A and 1B contained in Part III of the permit.**
 - a. An Outfall Tag shall be installed on the outfall pipes being sampled in accordance with N.J.A.C. 7:14A-6.2 (a) 9.
 - b. The term "Daily Min." means to report minimum value obtained (usually only applied to pH). The term "Monthly Average" means to report the average value of the results. The term "Daily Max." means to report the analytical result, which yielded the highest concentration. "N/A" means not applicable and do not report. "NL" means not limited, but monitoring and reporting is required. Reporting of analytical results shall follow the procedures described in the Department's "Discharge Monitoring Report Instruction Manual" (latest revision).
 - c. Frequency for the tables in Part III are identified as both monthly and quarterly. Monthly means every calendar month beginning with the first month following the effective date of permit authorization (EDPA). Quarterly means once every three calendar months (Jan.-Mar.; Apr.-Jun.; Jul.-Sep.; Oct.-Dec.), beginning with the first quarter that follows the EDPA. DMRs are due by the 25th day of the month, immediately following the monitoring period. For example, if a monitoring period is for the month of September, then the sampling shall occur between September 1st and September 30th with the DMRs submitted to NJDEP by October 25th.
 - d. A grab sample for non-contact cooling water is for an individual sample collected over a time period of less than 15 minutes. A grab sample for a stormwater event shall be collected at the designated sampling points and shall be collected within 30 minutes (or as soon thereafter as practicable) after the stormwater discharge (ASWD). For sampling, follow guidelines in, "NJDEP Field Sampling Procedures Manual", latest edition.
 - e. The requirements to monitor for CBOD5, COD and TKN will only be done monthly/multi-grab, for the winter months of December, January, February and March. COD will continue to be sampled quarterly as a grab throughout the remainder of the calendar year including the last quarter of the year. Samples shall be taken during a valid storm event and when anti-icing and deicing operations are in effect. See Part IV.C for specific details regarding sampling and monitoring.
 - f. Multi-Grab for stormwater discharges shall be collected at the sampling points as follows: the first grab sample shall be collected within 30 minutes, or as soon as practicable after the stormwater discharge (ASWD); the second grab between 30 and 45 minutes, or ASWD; and the third grab between 45 and 60 minutes, or ASWD. Each aliquot shall be analyzed individually. The maximum value of the three aliquots shall be reported as the daily maximum; and the average of the three aliquots shall be reported as the monthly average. The samples shall not be composited.

B. Definitions

1. **Unless otherwise stated in this permit, the definitions set forth at N.J.A.C. 7:14A-1.2 and Discharge Monitoring Report (DMR) Instruction Manual are incorporated into this permit.**

- a. "BMP" means Best Management Practice.
- b. "EDP" means Effective Date of the Permit.
- c. "EDPM" means Effective Date of the Permit Modification.
- d. "facility" means all areas of Newark International Airport as designated in the Port Authority of New York and New Jersey's leasehold with the City of Newark and the City of Elizabeth, or owned by the Port Authority of New York and New Jersey.
- e. "g/day" means grams per day.
- f. "kg/d or kg/day" means kilograms per day.
- g. "mg/L" means milligrams per liter.
- h. "Operating Entity or Operator" means any person who alone or along with other persons has primary management and operational decisions-making authority over any part of a facility. This definition is not applicable to "operator" as that term is used in N.J.A.C 7:14A-4.9(b)2, 22.6(a)4, 22.6(c)3, 23.25(a)3, or 23.25(a)4i.
- i. "Existing Operator" refers to permittees authorized under the Newark Airport Complex general permit with an effective date prior to October 31, 2005.
- j. "New Operator" refers to permittees authorized under the Newark Airport Complex general permit with an effective date after October 31, 2005.
- k. "Process wastewater" means any water 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. Process wastewater includes, but is not limited to, "leachate" and cooling water other than " non-contact cooling water". (Please note that for the purposes of this NJPDES permit, the stormwater discharges regulated by this permit are not process wastewaters).
- l. "Representative Discharge(s)" means when a facility has two or more discharges that, based on a consideration of industrial activity, significant materials, and management practices and activities within the area drained, the permittee reasonably believes the discharge(s) are substantially identical effluents. The permittee may test the effluent of one of those discharges and report that the quantitative data also applies to the substantially identical discharge(s), provided that the permittee includes in the Stormwater Pollution Prevention Plan a description of the location of the discharge and explains in detail why the discharge(s) are expected to have identical effluents. In addition, for each discharge that the permittee believes is representative, the permittee must provide an estimate of the size of the drainage area (in square feet). The permittee shall include the description of the location of the discharge, explanation of why the discharge(s) are expected to be substantially identical effluent, and estimate the size of the drainage area.
- m. "PA-NY&NJ" and the "Port Authority of NY&NJ" refers to the Port Authority of New York and New Jersey.
- n. "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); designed or used for collecting or conveying stormwater, which is not part of a combined sewer system; and which is not part of a publicly owned treatment works (POTW).

- o. "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. Material or machinery that are not exposed to stormwater or that are not located at the facility are not "source materials".
- p. "SPPP" means Stormwater Pollution Prevention Plan.
- q. "ug/L" means micrograms per liter.
- r. "Working Hours" means including but not limited to, 8:00 a.m. through 5:00 p.m. Eastern Standard Time, Monday through Friday.

Newark Airport Complex (GP)

C. Monitoring Requirements

1. Specific Requirements

- a. Samples shall be collected during normal working hours (see Part IV.B Definitions).
- b. Samples shall be analyzed by a New Jersey certified laboratory (see N.J.A.C. 7:18) using an appropriate approved USEPA or NJDEP analytical method for the parameters to be analyzed (see 40 CFR 136)
- c. Samples shall be reported according to the requirements of this permit as identified in Part III.
- d. Samples of the stormwater discharge shall be collected from all outfalls identified as representative sample locations.
- e. The criteria for a valid storm event, during which a grab sample shall be collected during normal working hours, are any storm event that produces a stormwater discharge and has not been preceded by another storm event which produced a stormwater discharge within the last 72 hours. The permittee shall submit on DMRs for each sampling event the following storm event information:
 - i. date and time that the storm event began;
 - ii. inches of rainfall or snowfall at the time of sampling;
 - iii. storm event duration in hours and/or minutes, as appropriate;
 - iv. number of hours since last storm event which caused a stormwater discharge; and
 - v. date and time of collection of grab sample.

2. Parameter Specific Requirements - Stormwater

- a. Chemical Oxygen Demand (COD) - If two (2) individual samples exceed a COD value of 120 mg/l within any twelve month period the facility must submit a letter to the Bureau of Nonpoint Pollution Control and the Regional Bureau of Water Compliance and Enforcement, describing the cause(s) of the elevated levels and corrective measures taken.
- b. Total Kjeldahl Nitrogen (TKN) - The facility may request modification of this permit to delete this parameter if it certifies that deicing/anti-icing chemical, that contain nitrogen compounds, are no longer used at the facility. The request must be supported by six (6) months of analytical data that achieves a TKN value below 1.5 mg/l and spans the time in the year that deicing/anti-icing chemicals are normally applied (November through April). Should the TKN level exceed 1.5 mg/l, the PA-NY&NJ must demonstrate through appropriate scientific methodology that the ambient conditions exceed this value and that the runoff from the airport is consistent with those ambient conditions.

3. Authorized Discharges and Outfalls Requiring Sampling and Monitoring of Representative Discharges

- a. Authorized Discharges

- i. Separate stormwater discharges and stormwater discharges associated with industrial activity are authorized to be discharged from the following facility outfalls: DSN001, DSN002, DSN003, DSN004, DSN005, DSN006, DSN008, DSN009, DSN010, DSN011A, DSN012, DSN013, DSN014A, DSN015, DSN016, DSN017, DSN018, DSN019, DSN020, DSN021, DSN022A, DSN023, DSN025, DSN026, DSN027, DSN028, DSN029, DSN030, DSN031, DSN032, DSN033, DSN034, DSN035, DSN036, DSN037, DSN038, DSN039, DSN040, DSN041, DSN042, DSN043, DSN044, DSN045, DSN046, DSN048, DSN049, DSN050, DSN051, DSN052, DSN053, DSN054, DSN055, DSN056, DSN057, DSN058, DSN059, DSN060, DSN061, DSN062, DSN063, DSN064, DSN065, DSN066, DSN067, R1, R2, R3, R4, R5, R6, R7, R8.

4. Sampling and Monitoring of Representative Discharges

- a. Samples taken in compliance with the specified monitoring requirements shall be taken at the following representative discharge locations:
 - i. DSN011A - From the last vessel of the oil/water separator prior to entering the separate storm sewer pipe.
 - ii. DSN014A - From the manhole located next to Terminal B and east of Satellite Number 2.
 - iii. DSN022A - From the ball valve of the effluent pipe prior to discharging to the separate storm sewer

D. Reporting Requirements

1. Sampling and Monitoring Data

- a. The PA-NY&NJ shall be responsible for reporting monitoring data in accordance with the provisions described in Part III and Part IV.
- b. Sampling results shall be summarized and reported on the appropriate Discharge Monitoring Reports (DMRs) following the completed monitoring period. If a discharge does not occur during a particular reporting period, the permittee should check "NODI" on the transmittal sheet submitted with DMRs.
- c. 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. The permittee may take samples and have analysis made by a New Jersey Certified laboratory on additional occasions to those specified in this permit. If so, only the maximum values of all analytical results taken during the sampling period shall be reported. However, for pH, both minimum and maximum values are reported.
- d. Unless otherwise specified or directed, signed copies of these DMRs shall be submitted postmarked no later than the 25th day of the calendar month following the completed monitoring period to the address given below: NJDEP, Bureau of Permits Management, P.O. Box 029, Trenton, New Jersey 08625-0029, Attn. Monitoring Reports

E. Recordkeeping

1. Stormwater Pollution Prevention Plan (SPPP)

- a. The SPPP shall be certified by the PA-NY&NJ in accordance with the Department's Certification Form. Upon completion of the Form, the appropriate SPPP certification options shall be checked and the form submitted to the Department. The original SPPP report shall be retained at the facility for use and NJDEP inspection.

2. Annual Reports

- a. The report and certification shall be signed by the permittee in accordance with Appendix 2 Attachment B, Part VII.A, and a copy shall be maintained on-site for a period of five years. This period may be extended by written request by the Department at any time.

3. Additional Requirements

- a. Agency Review
 - i. The permittee shall make the SPPP available upon request to an authorized representative of the Department and to the owner of the operating entity for any municipal separate storm sewer system through which the stormwater discharge associated with industrial activity is discharged.
 - ii. Upon review by an authorized representative, the Department may notify the permittee at any time that the SPPP does not meet one or more of the minimum requirements of this part. Within 30 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.

4. Public Review

- a. The SPPP prepared under this permit is considered a report that shall be available to the public for inspection and duplication under N.J.S.A. 58:10A-9.c. The PA-NY&NJ shall make the SPPP available to members of the public upon request.
- b. The SPPP shall be signed by the permittee, the original retained at the facility for use and NJDEP inspection.
- c. Upon request by Department personnel a copy shall be delivered within five (5) business days from the time of the request.
- d. The permittee may claim any portion of a SPPP as confidential in accordance with N.J.A.C. 7:14A-18.3. The Department's decision on such claims shall be made in accordance with N.J.A.C. 7:14A-18.5.

F. Submissions**1. Specific Compliance Conditions for Operators**

- a. Operating entities are responsible for reporting to the PA-NY&NJ the general BMPs specified in Appendix 2, Attachment B and the specific BMPs listed in this part that are applicable to their operations.
- b. New operators shall report the development and implementation of their BMPs to the PA-NY&NJ in accordance with the schedule specified in Appendix 1, Table 2. Existing operators shall report any procedural changes of existing BMPs and/or any new BMPs implemented in accordance with the schedule specified in Appendix 1, Table 2. The report shall include, but is not limited to, the following:
 - i. pollutants of concern (e.g. oil & grease, de-icing compounds, detergents, suspended solids)
 - ii. a description of BMPs to control the pollutants of concern
 - iii. a site map depicting the operator's location at Newark Airport, the areas of industrial activity and the location of any structural BMPs.

2. Submission of Reports

- a. The Department's Certification Form shall be used for certifying the development, any upgrades or revisions, and full implementation of the BMPs reported to the PA-NY&NJ and shall be submitted by both the operators and the Port Authority of NY&NJ to the Department in accordance with the schedule set forth in Appendix 1, Table 2 to the following address: Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029
- b. Existing operators shall submit the Department's Certification Form with an annual summary report summarizing the year's inspections, maintenance activities of implemented BMPs and industrial areas, any changes of BMPs or industrial areas/or activities, and any incidents of non-compliance, to the PA-NY&NJ in accordance with the schedule specified in Appendix 1, Table 2.
- c. Existing operators shall also submit the Department's Certification Form for the annual summary, including all items as described in Part IV.F.2(b) above, to the Department in accordance with the schedule specified in Appendix 1, Table 2 and in accordance with the provisions specified below.
- d. New operators shall submit the Department's Certification Form certifying they have developed the SPPP in accordance with Appendix 2 Attachment B (Contents of the Stormwater Pollution Prevention Plan) and with the schedule in Appendix I, Table 2.

3. Specific Compliance Conditions for the Port Authority of New York and New Jersey (PA-NY&NJ)

- a. Stormwater Pollution Prevention Plan (SPPP)
 - i. The Port Authority of NY&NJ is responsible for maintaining a comprehensive and updated SPPP for Newark International Airport in accordance with Appendix 2, Attachment B (Contents of the Stormwater Pollution Prevention Plan) and the specific BMPs listed in this Part.
 - ii. The SPPP shall include the consolidation of all Certification Forms and BMP reports submitted to the Port Authority by the operating entities.
 - iii. The comprehensive SPPP maintained by the PA-NY&NJ shall be retained on site and available for inspection by Department personnel.
 - iv. The PA-NY&NJ shall prepare a SPPP Summary Report which shall include only changes to their [comprehensive] SPPP, or the implementation of their SPPP, in order to maintain the SPPP as current as possible at all times. An example of such changes include the name of new operators or those that no longer operate out of Newark International Airport, changes in regulated activities, or changes to implemented BMPs. The SPPP Summary Report shall be submitted annually to the Department in accordance with the schedule specified in Appendix 1, Table 2. The report shall also include an updated site map indicating the locations of all operating entities and the location of all structural BMPs.
 - v. Submit SPPP Summary Report: annually, beginning 12 months from the effective date of permit authorization (EDPA). The SPPP Summary Report shall include only revisions and be submitted to the Bureau of Nonpoint Pollution Control and a copy shall be submitted to the Northern Bureau of Water Compliance and Enforcement.

- vi. The Department's Certification Form shall be submitted to the Department in accordance with the schedule specified in Appendix 1, Table 2. 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 for Attachment C, Attachment D and Annual Recertification D. There are specific boxes to check on the Certification Form depending upon which requirement is being certified, such as the SPPP Preparation Certification; the SPPP Implementation Certification (this box should be checked for the Revised SPPP Summary Report), and/or the Annual Recertification. More than one submittal box may be checked (along with the submittal of any other required documentation) if submitting for more than one certification.
- vii. The Department's Certification Form shall also be submitted for the Annual Certification within 12 months from the effective date of permit authorization (EDPA) and annually thereafter and shall be submitted to the Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029. By checking the Annual Certification box in Part B. of the Certification Form, the Port Authority is certifying that the PA-NY&NJ has conducted a facility wide inspection, including a summary of all inspections of industrial areas and implemented BMPS for the past year, and if applicable, has completed and attached the Incident of Noncompliance Report Form, describing all incidents of non-compliance that have occurred within the past year, in accordance with the schedule specified in Appendix 1, Table 2 and in accordance with the provisions specified below.

4. PA-NY&NJ and Best Management Practices (BMPs)

- a. The PA-NY&NJ is responsible for developing and implementing the general BMPs, specified in Attachment B, and the specific BMPs listed in this part, that are applicable to their operations.

5. Deadlines and Certifications - Existing discharges:

- a. Existing Operating Entities
 - i. Existing operating entities must submit to the PA-NY&NJ within twelve (12) months after the effective date of their permit renewal authorization (EDPRA), the Certification Form, checking the SPPP Implementation Certification box in Part B., certifying they are in compliance with all conditions of this permit, their SPPP is fully implemented, all BMPs are working effectively and any changes to personnel or other parts of the SPPP have been fully incorporated into the SPPP and into the management of their BMPs.
 - ii. Submit an SPPP Implementation Certification: within 12 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the SPPP Implementation Certification box in Part B. of said form. Submit the certification form to the Port Authority of NY&NJ and to the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.
 - iii. Existing operating entities must submit to the PA-NY&NJ within twenty-four (24) months after the effective date of their permit renewal authorization (EDPRA), a report summarizing the routine and annual inspections for the past year, any changes to the SPPP or implemented BMPs, and any incidents of noncompliance that may have occurred within the past year. This shall be known as the Annual Certification and the Department's Certification Form shall be attached with the Annual Certification box checked in Part B. of said form.

- iv. Submit an Annual Certification: annually, beginning 24 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the Annual Certification box in Part B. of said form. Submit the Certification form to the Port Authority of NY&NJ and the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.
- b. Port Authority - NY & NJ
 - i. Submit an SPPP Implementation Certification: within 12 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the SPPP Implementation Certification box in Part B. of said form. Submit the Certification Form to the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.
 - ii. Submit an Annual Certification: annually, beginning 24 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the Annual Certification box in Part B. of said form. Submit the Certification Form to the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.
 - iii. The Department may grant a six (6) month extension to the deadlines in i. and ii. above, if an operating entity or the PA-NY&NJ submit a written request for such extensions, at least 30 days prior to the deadline, establishing to the Department's satisfaction that the Federal, State and local permits and approvals necessary for construction of any of the BMPs identified in the SPPP could not with due diligence be obtained within the time period set forth in Appendix 1, Table 2.

6. Deadlines and Initial Certifications for New Operator Discharges:

- a. Submit an SPPP Preparation Certification: within 6 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the SPPP Preparation Certification box in Part B. of said form. Submit the Certification form to the Port Authority of NY&NJ and the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.
- b. Submit an SPPP Implementation Certification: within 12 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the SPPP Implementation Certification box in Part B. of said form. Submit the Certification form to the Port Authority of NY&NJ and the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.

7. Annual Inspections for New Operator Discharges

- a. Submit an Annual Certification: annually, beginning 12 months from the effective date of permit authorization (EDPA). The Department's Certification Form shall be completed, checking the Annual Certification box in Part B. of said form. Submit the certification form to the Port Authority of NY&NJ and the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029. New operators shall conduct annual inspections of their industrial areas and assess all areas contributing to discharge(s) authorized by this permit, evaluating whether the SPPP complies with and is implemented in accordance with this permit, or whether additional measures are needed to meet the conditions of this permit.

- b. If there are incidents of noncompliance, the report shall identify the steps being taken to remedy the noncompliance and to prevent such incidents from recurring. If more than one incident of noncompliance occurred within the past year, a separate Incident of Noncompliance Report Form shall be completed for each occurrence.

G. Unit Specific

1. Comprehensive Stormwater Pollution Prevention Plan (SPPP)

- a. This section designates the compliance responsibility of the PA-NY&NJ, the other operating entities and the specific BMPs to be implemented at Newark International Airport. Compliance responsibilities are divided between a comprehensive Stormwater Pollution Prevention Plan (SPPP) and site specific BMP requirements for the PA-NY&NJ and operating entities.
- b. A comprehensive SPPP shall be prepared by the PA-NY&NJ, certified by the completion and submittal of the Certification Form to the Department in accordance with the deadlines and certifications in Appendix 1, Table 2. The comprehensive SPPP must address all stormwater discharges associated with industrial activity and/or source materials for the entire Newark Airport Complex and shall include industrial areas of all operators regulated under this permit.
- c. The comprehensive SPPP shall be prepared and implemented in accordance with good engineering practices and shall include, at a minimum, the specific BMPs listed below and all of the items and information identified in Attachment B: Contents of the Stormwater Pollution Prevention Plan.
- d. The comprehensive SPPP shall identify existing BMPs and any additional BMPs necessary to address the industrial areas and source materials specified in this section. Existing BMPs shall be continued or replaced with equally or more effective BMPs. The SPPP shall demonstrate that upon its implementation and where it is practicable, the exposure of industrial materials, machinery, industrial waste products or other source materials to stormwater discharging to surface waters shall be eliminated where possible, or minimized to the greatest extent practicable. The term "source material" is defined in this part (see definitions).
- e. In areas where it is not practicable to eliminate exposure of source material, the permittee shall minimize the effect of source material to the maximum extent practicable through the implementation of BMPs. The specific BMPs listed below, or an equivalent BMP developed by the permittee, must be included in the permittee's SPPP to eliminate or minimize the effect of the exposure of source material to stormwater discharging to surface waters. An equivalent BMP that will provide the same level of protection as the BMPs listed below may be used by the permittee, but a description, a methodology used to determine the equivalent BMP, and a comparison to the listed BMP must be documented in the SPPP.
- f. The SPPP shall be updated as necessary and may be amended so long as it continues to meet the requirements of this permit. The amended SPPP shall be signed, certified, implemented, retained, and otherwise treated in the same manner as the original SPPP. Revisions to the SPPP shall be summarized and submitted to the Department as part of the Annual Certification. The permittee shall retain a previous SPPP for a period of at least five (5) years from the date of that previous SPPP. This period may be extended by written request of the Department at any time.

2. Operating Entities and Best Management Practices (BMPs)

- a. Operating entities are responsible for developing and implementing the general BMPs specified in Appendix 2, Attachment B and the specific BMPs listed in this part that are applicable to their operations.

- 3. Specific BMPs - At a minimum the following areas, activities, source materials and specific BMPs must be addressed in the SPPP:**
- a. Aircraft ground vehicle and equipment maintenance areas
 - i. Designate and clearly mark areas for equipment maintenance.
 - ii. Establish standard operating procedures that prevent or minimize the contamination of stormwater runoff from all areas used for aircraft, ground vehicle, and equipment maintenance.
 - iii. Performing maintenance indoors when practicable.
 - iv. Maintaining and organizing inventory of materials used in maintenance areas.
 - v. Draining all parts containing fluids prior to maintenance and/or disposal.
 - vi. Prevent the practice of hosing down the apron or hanger floor. The use of dry cleanup methods, and/or collecting the stormwater runoff from the maintenance area and providing treatment or recycling should be considered.
 - b. Aircraft, ground vehicle and equipment cleaning areas - The discharge of wash waters to surface or ground water are strictly prohibited. Designate and clearly mark equipment-cleaning areas. Cleaning of aircraft, ground vehicles and equipment shall be carried out indoors and drain to sanitary sewer whenever practicable. Outdoor cleaning management practices shall be conducted in such a manner as to prevent the discharge of wash water to surface or ground water. This should include the following management practices, or equivalent measures:
 - i. Section off portions of stormwater sewer system for the equipment cleaning drainage area. Pump the wash water from the sectioned off stormwater sewer system for recycling, discharge to sanitary sewer, or dispose of properly by a licensed waste hauler.
 - ii. Construct a pad and dike. Pump wash water to be recycled, discharged to sanitary sewer, or disposed of properly by a waste hauler. Maintain and clean dike area of residuals.
 - iii. Place impermeable tarps in a diked area. Vacuum or pump wash wastewater and properly dispose of residuals prior to removing tarp after each use.
 - c. Aircraft, ground vehicle, material and equipment storage areas
 - i. For areas where liquid materials are stored, the facility will provide either diking, curbing, or berms. Materials shall be placed on spill platforms and covered with tarps to prevent stormwater from collecting in the spill platform.
 - ii. For all other outside storage areas, including storage of used process equipment or scrap materials, the facility will prevent stormwater run-on through the storage areas by using curbing, culverting, gutters, sewers or other forms of drainage control.
 - iii. In areas where liquid materials are transferred in bulk from truck or rail cars, the facility will use appropriate measures to minimize contact of materials with precipitation. Hose connection points at storage containers should be inside containment areas. Drip pans should be used in areas that are not in a containment area where spillage may occur (e.g. hose reels, connection points with rail cars or trucks). In areas of transfer of contained or packaged materials and loading/unloading areas, the facility will provide appropriate protection such as overhangs or door skirts to enclose trailer ends at truck loading/unloading docks. Curbs or berms to contain accidental spills will surround all loading and unloading racks.

- d. Airport fuel system and fueling areas
 - i. Implement Best Management Practices (BMPs) that will eliminate, or minimize to the maximum extent practicable, the contact of petroleum product with stormwater runoff prior to discharge and treatment at the oil water separator.
 - ii. Routine visual inspections of containment dikes shall be conducted to ensure structural integrity. Inspections shall also be conducted during or after each significant storm event and after each spill to check for washouts or overflows (i.e. testing to ensure that dikes are capable of holding spills).
- e. Preventative maintenance
 - i. Standard operation procedures shall be established for preventative maintenance. The procedures shall include timely inspections and maintenance of stormwater management devices, including, but not limited to, the cleaning of oil/water separators, the removal of debris from catch basins; and the inspection, testing and maintenance of facility equipment and systems to uncover conditions that could cause breakdowns or failures that may result in the discharges of pollutants to surface or ground water.
- f. Source reduction
 - i. Operators who conduct aircraft and/or runway deicing/anti-icing operations (including taxiways and ramps) shall evaluate present operating procedures to consider alternative practices that reduce the overall amount of deicing/anti-icing chemicals used and/or that lessen the environmental impact of the pollutant source.
 - ii. With regard to runway deicing operations, operators, at a minimum, shall continue to evaluate: present application rates to ensure against excessive over application; metered application of deicing chemicals; pre-wetting dry chemical constituents prior to application; installation of runway ice detection system(s); implementing anti-icing operations as a preventive measure against ice buildup; the use of substitute deicing compounds such as potassium acetate and sodium formate in lieu of ethylene glycol, propylene glycol and/or urea.
 - iii. In considering source reduction management practices for aircraft deicing operations, operators, at a minimum, should evaluate current application rates and practices to ensure against excessive over application, and consider pretreating aircraft with hot water prior to the application of a deicing chemicals, thus reducing the overall amount of chemical(s) needed per operation.
- g. Deicing and Anti-icing operations - Outdoor deicing and anti-icing management practices shall be conducted in such a manner as to prevent, or minimize to the maximum extent practicable, the discharge of deicing and anti-icing compounds to surface and ground water. This shall include those practices described in the November 5, 1995 report (submitted as an addendum to the permittee's renewal permit application dated January 28, 1991) prepared by Camp, Dresser & McKee, entitled, "The Port Authority of NY & NJ Newark International Airport Stormwater Best Management Practices Plan"; and the following management practices, or equivalent measures:
 - i. Aircraft Deicing: Safety and FAA requirements are the foremost concern when deicing. Accordingly, only those BMPs that do not impact safety should be implemented to address source reduction.
 - ii. Continue to employ gate-hold procedures and carefully time deicing applications prior to gate departures

- iii. Designate and clearly mark specific deicing and anti-icing areas to facilitate collection where practicable. Secondary deicing shall be performed on the secondary-deicing pad. The pad effluent shall be collected for disposal or reuse off-site.
 - iv. Depending on operational conditions, apply enough fluid to surfaces to ensure safe operation of the aircraft. Deicing and anti-icing operators shall make every effort to avoid the application of excess deicing and anti-icing compounds.
 - v. Consider using low environmental-impact deicing and anti-icing compounds now under development once approved by FAA. Minimize use of ethylene glycol when FAA approves safer products.
 - vi. Evaluate current application rates and develop new practices that will reduce the overall amount of chemicals used in each operation.
- h. Runway and Taxiway Snow Removal, Deicing and Anti-icing: Those practices described in the report dated November 5, 1995 (submitted as an addendum to the permittee's renewal permit application dated January 28, 1991) and prepared by Camp, Dresser & McKee, entitled, "The Port Authority of NY & NJ Newark International Airport Stormwater Best Management Practices Plan"; and the following management practices, or equivalent measures:
- i. Consider using mixtures of deicing and anti-icing compounds that will have a minimum effect on the environment.
 - ii. Evaluate current application rates and develop new practices that will reduce the overall amount of chemical used in each operation.
 - iii. Provide appropriate employee training in the following areas: spill response and prevention, stormwater pollution education, right-to-know awareness training, and hazardous materials management.
- i. Disposal of sanitary sewage
- i. Standard operating procedures and management practices shall be established to eliminate leaks, spills and/or drips onto pavement of lavatory waste materials and/or chemicals during the transfer of the lavatory wastes from the aircraft to lavatory service trucks.
 - ii. Standard operating procedures and management practices shall be established to eliminate waste material from being tracked away from all triturator units.
 - iii. Drums that contain lavatory chemicals shall be placed on spill platforms and covered with tarps.

4. Soil Erosion and Sediment Control

- a. For construction activities disturbing one acre or more of total land area, or less than one acre which is part of a greater than one acre plan of development or sale, a separate authorization must be obtained under either a modification to this permit or under NJPDES Permit No. NJ0088323 (General Stormwater Permit Construction Activity), for stormwater from such construction activities that would discharge 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. A copy of this plan shall be retained by the permittee for a period of at least 5 years after the completion of construction.

5. Operation and Maintenance

- a. The permittee shall be responsible for supervising and managing the operation and maintenance of any BMPs which are installed or used to achieve compliance with the conditions of this permit and with the requirements identified in the Stormwater Pollution Prevention Plan. Proper operation and maintenance also requires the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit.

APPENDIX 1

CERTIFICATION SUBMITTAL REQUIREMENTS

TABLE 2 - CERTIFICATION SUBMITTALS

<u>Who</u>	<u>What</u> ⁴	<u>When</u>
New Operators	Submit BMP Preparation Report and Certification to Port Authority and Submit Certification (only) to Department¹	Six Months from EDPA²
New Operators	Submit Certification for BMP Implementation to Port Authority and Department	12 months from EDPA³
New Operators	Submit Annual Report and Certification to Port Authority and Submit Annual Certification (only) to Department	24 Months from EDPA and Annually thereafter
Existing Operators	Submit (updated) BMP Implementation Report and Certification to Port Authority and Submit Implementation Certification to Department	12 Months from EDPRA⁵
Existing Operators	Submit Annual Report and Certification to Port Authority and Department	24 Months from EDPRA, and Annually thereafter
Port Authority	Submit SPPP Implementation Certification to Department	12 Months from EDPRA
Port Authority	Submit Annual Certification to the Department	24 Months from EDPRA, and Annually thereafter

Footnote Key

- ¹ - Submit to the NJDEP, Bureau of Nonpoint Pollution Control, P.O. Box 029, Trenton, NJ 08625-0029.**
- ² - Effective Date of Permit Authorization.**
- ³ - Except for those readily implementable BMPs (such as Spill Response, Good Housekeeping, Sweeping, Maintenance, Logs and Schedules).**
- ⁴ - Use the Department's Certification Form checking the appropriate box in Part B.**
- ⁵ - Effective Date of Permit Renewal Authorization**

APPENDIX 2

ATTACHMENT

Contents of the Stormwater Pollution Prevention Plan



GENERIC CERTIFICATION FORM

STORMWATER POLLUTION PREVENTION PLAN (SPPP) PREPARATION, IMPLEMENTATION AND ANNUAL CERTIFICATION FOR INDUSTRIAL STORMWATER PERMITS

A. NJPDES Permit and Facility Information

1. This form may be used to satisfy the certification requirements for the following permits:

- Basic Industrial Stormwater General Permit (NJ0088315)
- Concrete Products Manufacturing General Permit (NJ0108456)
- Scrap Metal Processing/Auto Recycling General Permit (NJ0107671)
- Hot Mix Asphalt Producers General Permit (NJ0132721)
- Newark Airport Complex General Permit (NJ0134791)
- Concentrated Animal Feeding Operations General Permit (CAFO) (NJ0138631)
- Mining & Quarrying General Permit (NJ0141950)
- Wood Recyclers General Permit (NJ0138622)
- Individual Industrial Stormwater Permit

2. NAME OF FACILITY:	
3. NJPDES No.:	4. PI ID No.:
5. EFFECTIVE DATE OF PERMIT:	6. CERTIFICATION DUE DATE:

B. Applicable Certifications

1. Please check which certification you are submitting.

SPPP* Preparation Certification

(Certifies that the SPPP was prepared in accordance with permit conditions)

SPPP* Implementation Certification

(Certifies that the SPPP was implemented in accordance with permit conditions)

Annual Certification

(Certifies that an Annual Inspection was conducted on _____ and SPPP evaluated in accordance with permit conditions)

* For CAFO Permits, Comprehensive Waste Management Plan (CWMP)

C. Certification Statements

1. "I certify under penalty of law that this form and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

"I certify that the facility is in compliance with its Stormwater Pollution Prevention Plan (SPPP) or Comprehensive Waste Management Plan (CAFOs only), and the NJPDES Permit (checked in Section A. above) except for any incident(s) of noncompliance which are identified herein. For any incident(s) of noncompliance, the attached report identifies the steps being taken to remedy the noncompliance and to prevent such incident(s) from recurring.

"I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

2. Is a **Drainage Control Plan** attached? (if applicable) **YES** **NO**
3. Is an **Incident of Noncompliance Report** attached? **YES** **NO**
4. Is a **BMP Report** attached? (Newark Airport Operators only) **YES** **NO**

D. Signatory Requirements

See attached Certification Form instructions for specific signatory requirements.

NAME (Please Print): _____ TITLE: _____

SIGNATURE: _____ DATE: _____

E. Where to Submit

Send the original signed Generic Certification Form to:

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Nonpoint Pollution Control
PO Box 029
Trenton NJ, 08625-0029

Do not submit the actual SPPP with this Certification, unless otherwise specified in the permit. The SPPP and a **copy** of the Certification Form, and any Incident of Noncompliance Report(s) are to remain onsite, available for review. Additional information and forms can be obtained on the Bureau's website at www.state.nj.us/dep/dwq/nonpoint.htm or by telephone at (609) 633-7021.

CERTIFICATION FORM INSTRUCTIONS

This Certification Form replaces the certification forms required by the following NJPDES stormwater permits:

- Basic Industrial Stormwater General Permit (NJ0088315)**
- Concrete Products Manufacturing General Permit (NJ0108456)**
- Scrap Metal Processing/Auto Recycling General Permit (NJ0107671)**
- Hot Mix Asphalt Producers General Permit (NJ0132721)**
- Newark Airport Complex General Permit (NJ0134791)**
- Concentrated Animal Feeding Operations (CAFO) General Permit (NJ0138631)**
- Mining & Quarrying General Permit (NJ0141950)**
- Individual Industrial Stormwater Permits**

Additional copies of the Certification Form and Instructions can be downloaded from www.state.nj.us/dep/dwq/nonpoint.htm or obtained by contacting the Bureau of Nonpoint Pollution Control (BNPC) at (609) 633-7021.

SECTION A - NJPDES Permit and Facility Information

1. Place a checkmark in the box corresponding to the appropriate stormwater permit that your facility is authorized under. The name of the permit can be found on the permit authorization page. If you cannot locate your facility's permit authorization page, you may obtain a copy by contacting the BNPC at (609) 633-7021.
2. Provide the name of the facility. If the name of the facility has changed submit an Administrative Update Form along with the Certification Form.
3. Provide the facility's NJPDES Permit Number as it appears on the permit authorization page. All NJPDES permit numbers for facilities authorized under a general permit will begin with **NJG** and is different from the NJPDES Permit Number assigned to the master general permit.
4. Provide the PI ID No. as it appears on the permit authorization page.
5. Provide the effective date of permit, as it appears on the permit authorization page.
6. Provide the certification due date. The certification due date is the date or calendar quarter and year, that the certification is due. The due date is based on either the Effective Date of Permit Authorization (EDPA), the Effective Date of Permit (EDP), or may be a specific date specified in the permit.

TABLE 1 – Certification Due Dates

	SPPP Preparation Certification Due Date	SPPP Implementation Certification Due Date	Annual Certification Due Date
Basic Industrial Stormwater General Permit (NJ0088315)	Within six 6 months from EDPA	Within 18 months from EDPA	Due by the end of the calendar quarter assigned in the authorization page and annually thereafter
Concrete Products General Permit (NJ0108456)	Within 6 months from EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Scrap Metal Processing General Permit (NJ0107671)	Within six 6 months from EDPA	Within 18 months from the EDPA	Within 30 months from the EDPA, and annually thereafter
Wood Recyclers General Permit (NJ0138622)	Within six 6 months from EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Hot Mix Asphalt Producers General Permit (NJ0132721)	Within six 6 months from the EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Newark Airport Complex General Permit (NJ0134791)	New Operators - Within 6 months from EDPA	New Operators - Within 18 months from EDPA Otherwise, 12 months from the effective date of renewal authorization	New Operators - Within 12 months from EDPA and annually thereafter, Otherwise 24 months from the effective date of renewal authorization and annually thereafter
CAFO General Permit (NJ0138631)	March 1, 2004	March 1, 2006	February 1st of each year, beginning 48 months from EDP
Mining & Quarrying General Permit (NJ0141950)	Within 6 months from EDPA	Within 18 months from EDPA	Due 30 months from the EDPA
Individual Industrial Stormwater Permit	Permit specific – see permit for details	Permit specific – see permit for details	Permit specific – see permit for details

SECTION B – Applicable Certifications

1. Check the appropriate box to indicate which certification is being submitted. A facility may check multiple boxes if they are indicating that a SPPP has been both prepared and implemented concurrently.

Newly constructed facilities may be required to certify that a SPPP has been prepared and implemented at the time the Request for Authorization is submitted to the Department. A facility may use this Certification Form and check multiple boxes to satisfy this certification requirement.

SECTION C – Certification Statements

1. Please carefully read the certification to ensure that you fully understand what you are certifying and that it is a true and accurate statement.
2. Certain permits require the submission of a Drainage Control Plan (DCP) along with the SPPP preparation certification. Please check the box if a Drainage Control Plan is attached to this Certification Form.

TABLE 2 – Drainage Control Plan Due Dates (unless otherwise specified)

	Drainage Control Plan (DCP) Due Date
Concrete Products Manufacturing General Permit (NJ0108456)	Within 6 months from EDPA, submitted with the Certification Form
Hot Mix Asphalt Producers General Permit (NJ0132721)	Within 6 months from EDPA, submitted with the Certification Form
Wood Recyclers General Permit (NJ0138622)	Within 6 months from EDPA, submitted with the Certification Form
Mining & Quarrying General Permit (NJ0141950)	Within 6 months from EDPA, submitted with the Certification Form

Notes and Abbreviations

(EDPA) means the effective date of permit authorization

3. Please check the box if an Incident of Noncompliance Report is attached to this Certification Form. The Incident of Noncompliance Report must identify the steps being taken to remedy the noncompliance and to prevent such incident(s) from recurring. An Incident of Noncompliance Report form may be downloaded at <http://www.state.nj.us/dep/dwq/forms.htm#stormforms>.
4. For operators authorized under the Newark Airport General Permit (NJ0134791) a BMP Report must be submitted along with the Stormwater Pollution Prevention Plan Preparation Certification and the Stormwater Pollution Prevention Implementation Certification. Please check the box if a BMP Report is attached.

SECTION D – Signatory Requirements

1. FOR A CORPORATION: a “responsible corporate officer” or duly authorized representative. A “responsible corporate officer” is (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

FOR A PARTNERSHIP OR SOLE PROPRIETORSHIP: a general partner or the proprietor, respectively, or duly authorized representative.

FOR A MUNICIPALITY, STATE, FEDERAL OR OTHER PUBLIC AGENCY: either a principal executive officer or ranking elected official, or duly authorized representative.

A “responsible corporate officer,” general partner, proprietor, principal executive officer of a public agency, or ranking elected official may assign his or her signatory authority for this Certification to a duly authorized representative, which is a named individual or generic position (e.g., plant manager, operator of a well or a well field, superintendent) having overall responsibility for facility/site operation or the company’s or public agency’s environmental matters, by submitting a letter to the Bureau of Nonpoint Pollution Control stating said authority and naming the individual or position.

Incident of Noncompliance Report Form

This form may be completed and submitted for any incidents of noncompliance identified in a facility's annual report and certification. A separate form must be completed for each incident.

A. NJPDES Permit and Facility Information

1. Indicate which NJPDES permit your facility currently has:

- Basic Industrial Stormwater General Permit (NJ0088315)
- Concrete Products Manufacturing General Permit (NJ0108456)
- Scrap Metal Processing/Auto Recycling General Permit (NJ0107671)
- Hot Mix Asphalt Producers General Permit (NJ0132721)
- Newark Airport Complex General Permit (NJ0134791)
- Concentrated Animal Feeding Operations General Permit (NJ0138631)
- Mining & Quarrying General Permit (NJ0141950)
- Wood Recyclers General Permit (NJ0138622)
- Individual Industrial Stormwater Permit

2. NAME OF FACILITY:	
3. NJPDES No.:	4. PI ID No.:
5. CONTACT	6. TELEPHONE NUMBER

B. Incident of Noncompliance

1. Describe Incident of Noncompliance (include date of incident occurrence)

2. Steps taken to remedy noncompliance and to prevent incidents from reoccurring

C. Signature of Person Responsible for this Report

NAME (Please Print): _____ TITLE: _____

SIGNATURE: _____ DATE: _____

Attachment B:

**CONTENTS OF THE
STORMWATER
POLLUTION PREVENTION PLAN**

**Newark Liberty International Airport Complex
NJ0134791**

**Final Renewal Permit
Effective December 1, 2005**

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I. Stormwater Pollution Prevention Plan

The following outline provides the key elements of an acceptable Stormwater Pollution Prevention Plan (SPPP). The purpose of the SPPP is to meet the following objectives:

- A. to identify potential sources of pollution and source materials onsite which may reasonably be expected to affect the quality of stormwater discharges associated with industrial activity;
- B. to describe and ensure that practices are implemented to eliminate and/or reduce pollutants from source materials in stormwater discharges associated with industrial activity; and
- C. to ensure compliance with the terms and conditions of this permit.

II. Stormwater Pollution Prevention Team

The permittee shall form and identify a Stormwater Pollution Prevention Team in the SPPP. The SPPP shall name a specific individual or individuals within the facility organization who are members of the team. The team is responsible for developing the SPPP in accordance with good engineering practices, and in the plan's implementation, and maintenance. The plan shall clearly identify the responsibilities of each team member. The activities and responsibilities of the team shall address all aspects of the facility's SPPP which are provided below.

III. Description of Existing Environmental Management Plans

The SPPP team shall evaluate the facility's existing environmental management plans and programs for consistency with this permit and determine which provisions, if any, from these other plans can be incorporated by reference into the SPPP.

Examples of plans which may be referred to when applicable to the site include: Discharge Prevention Containment and Countermeasure (DPCC), Discharge Cleanup and Removal (DCR), Preparedness Prevention and Contingency Plan (PPCP, 40 CFR Parts 264 and 265), the Spill Prevention Control and Countermeasures (SPCC) requirements (40 CFR Part 112), the National Pollutant Discharge Elimination System Toxic Organic Management Plan (NPDESTOMP, 40 CFR Parts 413, 433, and 469), and the Occupational Safety and Health Administration (OSHA) Emergency Action Plan (29 CFR Part 1910). A copy of any plans referred to in the SPPP should be kept on-site with the SPPP.

IV. Site Assessment

The Site Assessment shall describe the physical facility and the potential pollutant sources (materials, activities and areas) which may be reasonably expected to affect the quality of

stormwater discharges. The key elements of the site assessment shall include, at a minimum, the following requirements:

A. Inventory Requirements

Each facility must develop and update annually, as appropriate, an inventory which includes, at a minimum, the following:

1. list of the general categories of source materials that have been used, loaded/unloaded, stored, treated, spilled, leaked and/or disposed onsite in a manner to allow exposure to stormwater; and
2. list of any domestic wastewater, non-contact cooling water, or process waste water (see definitions in Part IV of permit), that is generated at the facility and discharged through separate storm sewers (see definition in Part IV of permit) to surface waters. List any current NJPDES (New Jersey Pollutant Discharge Elimination System) permits or permit application that the facility may have for such discharges.

B. Mapping Requirements

A site map drawn to an appropriate scale that clearly shows the following:

1. buildings and other permanent structures;
2. paved areas and roadways;
3. surface water bodies (e.g., rivers, lakes, streams, bays, estuaries) that are located on or abut the property which receive or may receive stormwater from the site;
4. all stormwater discharge locations;
5. location of each point or sewer segment, where domestic sewage, process waste water, or non-contact cooling water generated by the facility enters storm sewers that discharge to surface waters;
6. outline of each drainage area within the facility boundaries and a depiction of flow direction (e.g., arrow head) of stormwater in each drainage area;
7. locations where source materials are likely to be exposed to stormwater, and the following activities and/or areas, at a minimum; storage areas, palleted materials, outdoor handling, treatment or disposal areas, loading and/or unloading areas, manufacturing and/or processing areas, waste storage areas, vehicle/equipment maintenance areas, vehicle/equipment fueling areas, hazardous waste storage or disposal areas, areas of spills and/or leaks of source materials, and access routes;
8. location of existing stormwater structural control measures (e.g., containment, berms, detention/retention basins, grassed swales, oil/water separators); and

9. areas of existing and potential soil erosion.

C. Narrative Description of Existing Conditions

The SPPP shall include a narrative description concerning the existing management of all source materials at the facility which are handled, treated, stored, disposed, or which otherwise exist in a manner allowing contact with stormwater. The narrative description shall address the following where appropriate:

1. any discharges of domestic sewage, non-contact cooling water, or process water that are listed in accordance with A.2 above (unless such discharges have been authorized by other NJPDES permits or identified in applications or requests for authorization submitted for other NJPDES permits);
2. description of type of industrial activities and/or areas (e.g., fueling, material handling, manufacturing or processing areas) at the site;
3. the actual or potential pollutant categories associated with each industrial area and/or activity where source materials are likely to be exposed to stormwater including, but not limited to: fueling stations, loading/unloading areas, maintenance shops, areas where spills and/or leaks of source materials frequently occur, equipment or vehicle cleaning areas, outdoor storage areas, outdoor manufacturing or processing areas, onsite waste disposal areas, above ground liquid storage tanks, outside storage of raw materials, by-products, or finished products, (e.g., fueling area - diesel fuels, gasoline, petroleum hydrocarbons); and
4. a description of existing management practices employed to : a) eliminate contact of source materials with stormwater; b) minimize or reduce pollutants from source materials through structural or non-structural measures; c) divert stormwater to specific areas on or off-site, including diversion to containment areas, holding tanks, treatment facilities, or sanitary or combined sewers; d) treat stormwater discharging from the site; and e) prevent or permit any discharges of domestic wastewater, non-contact cooling water, or process wastewater to surface water.

V. Best Management Practices (BMP) Selection and Plan Design

The permittee shall evaluate the information from the site assessment phase of this plan to identify potential and existing sources of stormwater contaminated by source material. **All discharges to surface water of domestic sewage, non-contact cooling water, and process waste water must be eliminated or permitted.** Based upon the site assessment performed, the permittee shall develop BMP's that will effectively eliminate or reduce pollutant loadings in stormwater discharges from the facility in accordance with the following sections. BMPs are measures used to prevent or mitigate pollution from any type of activity. The evaluation and selection of the BMP's addressing each area, and/or activity where source materials are exposed to stormwater discharging to surface water, shall be documented in the SPPP and shall include at a minimum the following BMPs:

A. Non-Stormwater Discharges into Storm Sewers

The facility shall ensure that it does not generate and discharge, through storm sewers to surface waters, any domestic sewage, non-contact cooling water, or process wastewaters, unless that discharge is authorized by another NJPDES permit or identified in an application or request for authorization submitted for another NJPDES permit.

B. Removal, Cover or Control of Industrial Activities

Except as specified and required in Part IV of the permit for certain, specific exposures of source materials, all other source materials shall be moved indoors, covered, used, handled, and/or stored in a manner so as to prevent contact with stormwater that is discharged to surface water. Each BMP that prevents such contact shall be identified and discussed in the SPPP.

C. Diverting Stormwater

Approved diversion of contaminated stormwater to either a domestic or industrial wastewater treatment plant may also be considered when choosing an appropriate BMP where feasible. (Diversion to groundwater may require a separate NJPDES permit. Consult the Bureau of Nonpoint Pollution Control.)

D. Spill Prevention and Response

Areas where actual or potential spills of source materials are exposed to stormwater discharges can occur, and their accompanying drainage points shall be identified clearly in the SPPP. Where appropriate, specific material handling procedures, storage requirements and use of equipment such as diversion valves shall be developed and practiced to prevent and/or eliminate spills and/or leaks of source materials from being exposed to stormwater. Procedures for cleaning up spills shall be specifically included in the plan and made available to the appropriate personnel through scheduled employee training. In addition, the facility shall provide or otherwise make available to its personnel the appropriate and necessary spill cleanup equipment to effect an immediate and thorough spill cleanup.

E. Good Housekeeping

The SPPP must include a good housekeeping program to help maintain a clean and orderly work place. For certain activities or areas, the discharge of stormwater exposed to source materials may be prevented merely by using good housekeeping methods. The following are some simple procedures that a facility can consider incorporating into an effective good housekeeping program:

1. conduct cleanup immediately after discovery of leaks and spills;

2. implement careful material storage practices;
3. improve operation and maintenance of industrial machinery and processes;
4. maintain up-to-date material inventory;
5. maintain well organized work areas;
6. provide regular pickup and disposal of waste materials;
7. maintain dry and clean floors and ground surfaces by using brooms, shovels, vacuum cleaners, or cleaning machines; and
8. train employees about good housekeeping practices.

F. Preventative Maintenance

The SPPP shall include a Preventative Maintenance Program to include timely and regular inspections and maintenance of stormwater management devices (e.g., cleaning oil/water separators, catch basins, drip pans, catch basins, detention basins, covers, treatment units) and routine inspections of facility equipment and operations to detect faulty equipment. Equipment (such as tanks, piping, containers, and drums) should be checked regularly for signs of deterioration.

G. Inspections and Evaluation Process

1. Regular Inspections

The SPPP shall require regular inspections of the facility's equipment, exposed source materials and industrial areas to provide that all elements of the SPPP are in place and working properly. Inspections shall be conducted by qualified, trained plant personnel. Records of these inspections shall be kept onsite with the SPPP. These inspection records shall consist of the following, at a minimum: date of inspection; location of and problem(s) identified; steps taken to correct problem(s) and prevent recurrence; and inspector's names and title. In addition these inspection records shall record any incidents such as leaks or accidental discharges, and any failures or breakdowns of structural BMPs.

2. Annual Inspections

The SPPP shall also require an annual inspection and shall include an annual report of the entire facility in accordance with Part IV of this permit.

3. Evaluation Process

The SPPP shall include a system to routinely and continually evaluate the SPPP for effectiveness, any flaws that may have developed, and maintenance that may be required. The

routine evaluation must include, but not be limited to, regular and annual inspections, inspection logs and records, internal reporting, plan revisions to correct any flaws detected in the SPPP or to reflect changes/additions at the facility, and logs of preventative maintenance performed at the facility. In addition, the Annual Reports and Certifications required under Part IV are integral to the evaluation process.

VI. Implementation Schedule

The SPPP shall include an implementation schedule for all structural and non-structural BMP's including a schedule(s) for removal, coverage, minimization of exposure of source material to stormwater, and/or stormwater diversion or treatment. The schedule shall meet the deadlines established in the permit in accordance with Part IV.

Upon completion of the initial SPPP, those BMP's (e.g., spill response, good housekeeping) that may readily be implemented shall be done so within 30 days, if not already practiced.

VII. General Plan Requirements

This section provides additional requirements on the administrative requirements related to finalizing your SPPP. It covers (1) required signatures, (2) requirements for plan location and access, and (3) required certifications.

A. Required Signatures for SPPP and Attachments 2 and 3

The SPPP and Attachments 2 and 3 shall be signed as follows:

FOR A CORPORATION: a “responsible corporate officer” or duly authorized representative. A “responsible corporate officer” is (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

FOR A PARTNERSHIP OR SOLE PROPRIETORSHIP: a general partner or the proprietor, respectively, or duly authorized representative.

FOR A MUNICIPALITY, STATE, FEDERAL OR OTHER PUBLIC AGENCY: either a principal executive officer or ranking elected official, or duly authorized representative.

A “responsible corporate officer”, general partner, proprietor, principal executive officer of a public agency, or ranking elected official may assign his or her signatory authority for this Certification to a duly authorized representative, which is a named person or generic position

(e.g., plant manager, superintendent, plant engineer, operations manager, etc.) having overall responsibility for facility operation or the permittee's environmental matters, by submitting a letter to the Bureau of Nonpoint Pollution Control stating said authority and naming the person or position.

Whenever there are two or more permittees for the facility, all of those permittees shall jointly submit this Certification, unless permittees received authorization on different dates and this Certification is therefore due from them at different dates.

B. Plan Location and Public Access

1. The SPPP and inspection and preventative maintenance records or logs shall be maintained on site at all times. These documents 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.

2. The SPPP shall be made available to the public upon request. 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. A copy of the SPPP shall be submitted to the appropriate Regional Bureau of Water Compliance and Enforcement and to the Bureau of Nonpoint Pollution Control. Revisions made to the facility's SPPP shall be submitted also.

C. Certification of Stormwater Pollution Prevention Plan

1. Attachment 2 shall be signed and submitted by the permittee to the Department's Bureau of Nonpoint Pollution Control as required by Part IV of the permit.

2. Attachment 3 shall be signed and submitted by the permittee to the Department's Bureau of Nonpoint Pollution Control as required by Part IV of the permit, and annually thereafter in accordance with the permit.

VIII. Special Requirements

A. Facilities Subject to Emergency Planning and Community Right-to-Know Statute

For facilities subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313, the SPPP shall include, or cite the location of, any spill reports prepared under that Act.

B. Facilities with SPCC Plans, DPCC Plans, or DCR Plans

The SPPP shall include, or cite the location(s) of, any Spill Prevention Control and Countermeasure Plan (SPCC Plan) prepared under 40 CFR 112 and section 311 of the Clean

Water Act, 33 U.S.C. §1321; and any discharge prevention, containment and countermeasure plan (DPCC plan) and discharge cleanup and removal plan (DCR plan) prepared under N.J.A.C. 7:1E.

C. Facilities Undergoing Construction Activities

Whenever construction activities are undertaken at the facility, the SPPP shall be amended, if necessary, so that the SPPP continues to be accurate and to meet the requirements of Part I of this permit.