

APPENDIX B

New Jersey Pollutant Discharge Elimination System
(NJPDES) Permit



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BOB MARTIN
Commissioner

Mail Code - 401-02B

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

KIM GUADAGNO
Lt. Governor

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Date August 22, 2011

Valerie Montecalvo
RECYCLING TECHNOLOGY DEVELOPMENT LLC
PO BOX 290 - 75 CROWS MILL RD
Keasbey, NJ 08832

Re: Final Stormwater Discharge Renewal Permit Action
NJPDES Stormwater Discharge Permit No. NJ0132209
BAYSHORE RECYCLING CORP
Woodbridge Twp, Middlesex County

Dear Valerie Montecalvo:

Enclosed is a **final** New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A. [This permit action authorizes the discharge of stormwater associated with industrial activities to the surface and ground waters of the State.

A summary of the significant and relevant comments received on the draft action during the public comment period, the Department's responses, and an explanation of any changes from the draft action have been included in the Response to Comments document attached hereto as per N.J.A.C. 7:14A-15.16.

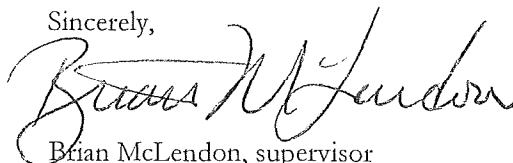
Any requests for an adjudicatory hearing shall be submitted in writing by certified mail, or by other means which provide verification of the date of delivery to the Department, within 30 days of receipt of this Stormwater Discharge Renewal Permit Action in accordance with N.J.A.C. 7:14A-17.2. You may also request a stay of any contested permit condition as per N.J.A.C. 7:14A-17.6 *et seq.* The adjudicatory hearing request must be accompanied by a completed Adjudicatory Hearing Request Form; the stay request must be accompanied by a completed Stay Request Form (forms enclosed).

As per N.J.A.C. 7:14A-4.2(e)3, any person planning to continue discharging after the expiration date of an existing NJPDES permit shall file an application for renewal at least 180 calendar days prior to the expiration of the existing permit.

All monitoring shall be conducted in accordance with the Department's "Field Sampling Procedures Manual" applicable at the time of sampling (N.J.A.C. 7:14A-6.5(b)4). The Field Sampling Procedures Manual is available through Maps and Publications Sales Office; Bureau of Revenue, PO Box 417, Trenton, New Jersey 08625, at (609) 777-1038.

Questions or comments regarding the final action should be addressed to John Ashton at (609) 633-7021

Sincerely,

A handwritten signature in black ink, appearing to read "Brian McLendon". The signature is fluid and cursive, with a large initial "B" and "M".

Brian McLendon, supervisor
Industrial Stormwater Permits
Bureau of Nonpoint Pollution Control

Enclosures

cc: Permit Distribution List



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: NJ0132209

Final: Stormwater Discharge Renewal Permit Action

Permittee:

RECYCLING TECHNOLOGY DEVELOPMENT LLC
PO BOX 290 - 75 CROWS MILL RD

Keasbey, NJ 08832

Co-Permittee:

Property Owner:

RECYCLING TECHNOLOGY DEVELOPMENT LLC
PO BOX 290 - 75 CROWS MILL RD

Keasbey, NJ 08832


Location Of Activity:

BAYSHORE RECYCLING CORP
75 CROWS MILL RD

Keasbey, NJ 08832

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
RF - Stormwater	08/22/2011	10/01/2011	09/30/2016

By Authority of:
Commissioner's Office


 DEP AUTHORIZATION
 Brian McLendon, Supervisor
 Bureau of Nonpoint Pollution Control
 Water Pollution Management Element

(Terms, conditions and provisions attached hereto)

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This Permit Package Contains the Items Listed Below

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2. Stay Request and Tracking Form
3. Response to Comments
4. Fact Sheet or Statement of Basis
5. Part I NARRATIVE REQUIREMENTS
6. Part II GENERAL REQUIREMENTS: DISCHARGE CATEGORIES
7. Part III LIMITS AND MONITORING REQUIREMENTS
8. Part IV SPECIFIC REQUIREMENTS: NARRATIVE
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**ADJUDICATORY HEARING REQUEST CHECKLIST AND TRACKING FORM
FOR INDIVIDUAL NJPDES PERMITS***

I. Permit Being Appealed:

Facility Name: BAYSHORE RECYCLING CORP
Masterfile Number: 15630
Issuance Date of Final Permit Decision: 07/11/2011

Program Interest (PI) Number: 46102
NJPDES Permit #: NJ0132209

Permitting Bureau (checkone):

Pilar Patterson, Chief
Mail Code 401-02B
Bureau of Surface Water Permitting
Department of Environmental Protection
401 East State Street, P.O. Box 420
Trenton, NJ 08625-0420

James Murphy, Acting Chief
Mail Code 401-02B
Bureau of Pretreatment and Residuals
Department of Environmental Protection
401 East State Street, P.O. Box 420
Trenton, NJ 08625-0420

Ed Frankel, Acting Chief
Mail Code 401-02B
Bureau of Nonpoint Pollution Control
Department of Environmental Protection
401 East State Street, P.O. Box 420
Trenton, NJ 08625-0420

Permit Writer: John Ashton

II. Person Requesting Hearing:

Name/Organization

Name of Attorney (if applicable)

Address

Address of Attorney

Telephone Number

Telephone Number of Attorney

III. Status of Person Requesting Hearing (Check One):

Permittee under the permit number identified above.
Complete A. and C. through I. of Section IV. below.

Person seeking consideration as a party to the action.
Complete B. through I. of Section IV. below.

IV. Include the following information as part of your request:

A. If you are a permittee under the permit number identified above:

1. For the Office of Legal Affairs only, a copy of the permit clearly indicating the permit number and issuance date;
2. A list of the specific contested permit condition(s) and the legal or factual question(s) at issue for each condition, including the basis of any objection;
3. The relevance of the legal and/or factual issues to the permit decision;

*For NJPDES permits, the procedures for requesting an adjudicatory hearing on a final permit decision and for the Department's evaluation and processing of such requests are set forth in N.J.A.C. 7:14A-17.

4. Suggested revised or alternative permit conditions and how they meet the requirements of the State or Federal Act; and
 5. Information supporting the request or other written documents relied upon to support the request, unless this information is already in the administrative record (in which case, such information shall be specifically referenced in the request).
- B. If you are a person seeking consideration as a party to the action:
1. A statement setting forth each legal or factual question alleged to be at issue;
 2. A statement setting forth the relevance of the legal or factual issue to the permit decision, together with a designation of the specific factual areas to be adjudicated;
 3. A clear and concise factual statement of the nature and scope of your interest which meets the criteria set forth at N.J.A.C. 7:14A-17.3(c)4;
 4. A statement that, upon motion by any party granted by the administrative law judge, or upon order of the administrative law judge's initiative, you shall make yourself, all persons you represent, and all of your officers, directors, employees, consultants, and agents available to appear and testify at the administrative hearing, if granted;
 5. Specific references to the contested permit conditions, as well as suggested revised or alternative permit conditions, including permit denials, which, in your judgment, would be required to implement the purposes of the State Act;
 6. Identification of the basis for any objection to the application of control or treatment technologies, if identified in the basis or fact sheets, and the alternative technologies or combination of technologies which, in your judgment, are necessary to satisfy the requirements of the State Act;
- C. The date you received notification of the final permit decision;
- D. The names and addresses of all persons whom you represent;
- E. A statement as to whether you raised each legal and factual issue during the public comment period in accordance with N.J.A.C. 7:14A-15.13 (and in accordance with repealed N.J.A.C. 7:14A-8.4, if the public comment period began or ended before May 5, 1997);
- F. An estimate of the amount of time required for the hearing;
- G. A request, if necessary, for a barrier-free hearing location for disabled persons;
- H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's processing of your hearing request to the Office of Administrative Law; and
- I. This form, completed, signed and dated with all of the information listed above, including attachments, to:
1. Office of Legal Affairs
ATTENTION: Adjudicatory Hearing Requests
Department of Environmental Protection
401 East State Street
PO Box 402, Trenton, New Jersey 08625-04022.
 2. The permitting bureau at the address identified in Section I above.
 3. Any other person named on the permit (if you are a permittee under that permit).
 4. The permittee(s) (if you are a person seeking consideration as a party to the action). You must submit evidence that a copy of the request has been delivered to the applicant for which the permit is the subject of your hearing request (e.g. certified mail receipt).

V. Signature: _____ Date: _____

*For NJPDES permits, the procedures for requesting an adjudicatory hearing on a final permit decision and for the Department's evaluation and processing of such requests are set forth in N.J.A.C. 7:14A-17.

STAY REQUEST AND TRACKING FORM

I. Permit Containing Condition(s) to Be Stayed:

Facility Name: BAYSHORE RECYCLING CORP
Masterfile Number: 15630
Issuance Date of Final Permit Decision: 07/11/2011

Program Interest (PI) Number: 46102
NJPDES Permit #: NJ0132209

Permitting Bureau (checkone):

Pilar Patterson, Chief
Mail Code 401-02B
Bureau of Surface Water Permitting
Department of Environmental Protection
P.O. Box 420, 401 East State Street,
Trenton, NJ 08625-0420

James Murphy, Acting Chief
Mail Code 401-02B
Bureau of Pretreatment and Residuals
Department of Environmental Protection
P.O. Box 420, 401 East State Street
Trenton, NJ 08625-0420

Ed Frankel, Acting Chief
Mail Code 401-02B
Bureau of Nonpoint Pollution Control
Department of Environmental Protection
P.O. Box 420, 401 East State Street
Trenton, NJ 08625-0420

Permit Writer: John Ashton

II. Person Requesting the Stay(s):

Name/Organization

Name of Attorney (if applicable)

Address

Address of Attorney

Telephone Number

Telephone Number of Attorney

N.J.A.C. 7:14A-17.6 provides for stays of contested permit conditions. In order for the Department to consider a request for stay, the person making the request must submit a written request to the Department by certified mail or other means which provides verification of the date of delivery. In the request for a stay of each permit condition, a written evaluation must be submitted which addresses each of the factors at N.J.A.C. 7:14A-17.6(c). Briefly stated, these factors include: 1) the permittee's ability to comply with the permit condition using existing treatment facilities, 2) the permittee's ability to comply with the permit condition by implementing low cost short-term modifications to the existing treatment facility, 3) the level of pollutant control actually achieved using short term modifications, 4) the cost to comply with the condition and 5) the environmental impacts granting a stay will have on the receiving waterbody.

This completed stay request form, along with the evaluations mentioned above, shall be submitted to 1) the permitting bureau at the address identified in Section I above and 2) Office of Legal Affairs, ATTENTION: Adjudicatory Hearing Requests, Department of Environmental Protection, 401 East State Street, PO Box 402, Trenton, New Jersey 08625-0402. A person seeking consideration as party to the action who has requested an adjudicatory hearing in accordance with N.J.A.C. 7:14A-17.2 may also request a stay provided notice of the request is also provided to the permittee(s). Such a stay request shall provide the demonstration as required in N.J.A.C. 7:14A-17.6(j).

III. Signature

Signature: _____

Date: _____

*For NJPDES permits, the procedures for requesting a stay of a final permit condition and for the Department's evaluation and processing of such requests are set forth in N.J.A.C. 7:14A-17.

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Nonpoint Pollution Control

RESPONSE TO COMMENTS

Comments were received on the draft NJPDES Permit No. NJ0132209 issued on 07/28/2010. The thirty (30) day public comment period began on August 4, 2010 when the Public Notice was published in the DEP Bulletin. It ended on September 4, 2010. The following person[s] commented during the public comment period:

1. Robert W. Bucco, Jr. PE, Director of Engineering, Recycling Technology Development, LLC (RTD) in a letter dated August 24, 2010.

A summary of the timely and significant comments received, the New Jersey Department of Environmental Protection's (Department) responses to these comments, and an explanation of any changes from the draft action have been included below:

1. COMMENT:

Fact Sheet Section 4 (page 1 of 7): Add *Lot 2* to Block 51

RESPONSE:

The Department added Lot 2 as requested

2. COMMENT:

Fact Sheet Section 10 (page 6 of 7): Add latitude and longitude for SP1A – SP8A.

RESPONSE:

The Department added latitude and longitude as requested.

3. COMMENT:

Part IV.C.13.a (page 12 of 21): Delete *from construction and demolition*

RESPONSE:

The Department removed *from construction and demolition* as requested.

4. COMMENT:

Part IV.C.17.e (page 14 of 21): Delete *and along Crows Mill Rd. beginning at the site entrance and extending to the property line at Bayview Avenue.*

RESPONSE:

RTD has the capability of moving massive quantities of aggregate in a very short timeframe. Because of the history of the site where this area was intermittently used for material storage and given the fact that RTD can move materials so quickly, the Department has concerns about deleting this requirement. The Department will reword this requirement as follows:

- e. The permanent buffers zones shall include permanent buffers or sediment barriers (unless the buffer zone is graded to direct stormwater back within the site boundaries or to a regulated outfall). The permanent buffer zones shall be placed along both sides of Kinsey Creek
 - i. The permittee shall establish permanent buffers or sediment barriers along both sides of Kinsey Creek from the culvert closest to Bayview Avenue to the Raritan River.
 - ii. If used, permanent vegetative filter strips or vegetative swales shall be a minimum width of twenty-five (25) feet measured perpendicular from the bank of Kinsey Creek.
 - iii. Permanent sediment barriers shall be designed to prevent stormwater from running underneath or around the barriers.
 - iv. Permanent sediment barriers shall also include silt fencing on the downstream side of the sediment barrier.

- f. If industrial materials and activities resume in the area bordered by Crows Mill Road and Bayview Avenue then the permittee shall be in compliance with f.i. – f.iv. The permanent buffers zones shall include permanent buffers or sediment barriers (unless the buffer zone is graded to direct stormwater back within the site boundaries or to a regulated outfall). The permanent buffer zones shall be placed along Crows Mill Road beginning at the site entrance and extending to the property line at Bayview Avenue.
 - i. The permittee shall establish permanent buffers or sediment barriers along Crows Mill Road beginning at the site entrance and extending to the property line at Bayview Avenue.
 - ii. If used, permanent vegetative filter strips or vegetative swales shall be a minimum width of twenty-five (25) feet measured perpendicular from the fenceline along Crows Mill Road
 - iii. Permanent sediment barriers shall be designed to prevent stormwater from running underneath or around the barriers.
 - iv. Permanent sediment barriers shall also include silt fencing on the downstream side of the sediment barrier.

5. COMMENT:

Part IV.C.17.e.ii (page 14 of 21): Delete in entirety

RESPONSE:

See response to Comment #4

6. COMMENT:

Part IV.C.17.e.iii (page 14 of 21): Delete *the fenceline along Crows Mill Road and measured perpendicular*

RESPONSE:

See response to Comment #4

7. COMMENT:

Part IV.H.a (page 21 of 21): Delete in entirety since this information is provided in this letter

RESPONSE:

The Department deleted Part IV.H.a as requested.

8. GENERAL COMMENT:

Regarding total suspended solids (TSS), we request clarification in respect to the draft effluent limitation of 150 mg/L which would become effective twelve months from the issuance of the final permit. Is the 150 mg/L a benchmark target for monitoring across our facility or a firm standard subject to DEP penalty actions for non-compliance? If the latter, we respectfully request an opportunity to meet with the Department to discuss the imposition of the effluent limitation

RESPONSE:

The Department has concerns since TSS has routinely been above the benchmark at several outfalls. The Department also understands that we have an obligation to provide a reasonable scientific basis for our decision to impose an effluent limit for TSS. The Department intended to use the basis initially proposed for a TSS effluent limit in the EPA Construction Permit, however the basis for the limit was determined to be flawed. The Department will remove the effluent limit for TSS in this permit renewal.

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Nonpoint Pollution Control (Stormwater)

FACT SHEET

This fact sheet sets forth the principal facts and the significant factual, legal, and policy considerations examined during preparation of the draft permit.

PERMIT ACTION: Stormwater Discharge Renewal Permit Action

1 Name and Address of the Owner:

RECYCLING TECHNOLOGY DEVELOPMENT LLC
75 CROWS MILL RD
PO BOX 290
Keasbey, NJ 08832

2 Name and Address of the Applicant:

RECYCLING TECHNOLOGY DEVELOPMENT LLC
75 CROWS MILL RD
Keasbey, NJ 08832

3 Name and Classification of the Receiving Water:

Raritan River
SE1(C2)

4 Description of the Facility/Site:

Recycling Technology Development, LLC (RTD) is the landowner of a site specializing primarily in the recycling of construction materials and miscellaneous construction debris. RTD owns the following:

Block 51 Lots 1, 1-B, 1-R, 2, 2-B, 2-C
Block 52 Lots 1
Block 41-C Lots 3-B, 3-R, 4-B

The site activities are managed by several co-permittees:

Bayshore Recycling Corp. (Bayshore)

Bayshore operates the Solid Waste and Class B Recycling Facility that accepts and recycles construction debris in the form of concrete, asphalt, brick, block and slag. Bayshore also receives and stores processed glass cullet and other beneficial use products as raw materials. Bayshore recently received a modification to its Solid Waste permit (CBG090002) to process and store untreated wood in Building 11-C and indoors on Block 51 Lot 1-B and to store unprocessed oil-contaminated soils indoors on Block 51 lot 1-B

Bayshore Soil Management, LLC (BSM)

BSM receives, sorts and stores petroleum-contaminated soils. BSM operates a Low Temperature Thermal Desorption (LTTD) unit used to treat the petroleum-contaminated soils.

Coastal Metal Recycling Corp. (Coastal)

Coastal operates a scrap metal recycling operation to handle scrap metal sorted from construction and demolition debris. The operation includes sorting and bailing of scrap metal. The volume of scrap metal managed at the facility has increased significantly. Part IV.B.13 has been modified to address the increased volume and includes design criteria for several metals.

F. Montecalvo Contracting Corp. (Montecalvo Contracting)

Montecalvo Contracting is the site contractor responsible for the operation and maintenance of the site heavy equipment, rolloff containers and truck fleet and performs site infrastructure work. Operations include site-wide loading, unloading, transferring of materials and infrastructure work.

Montecalvo Disposal Services, Inc. (Montecalvo Disposal)

Montecalvo Disposal operates a transfer station/materials recovery facility (TS/MRF) which receives, sorts and processes ID-27 (Dry Industrial Waste), ID-13 (Bulky Waste), ID-13C (Construction and Demolition Waste). Montecalvo Disposal recently received a modification to its Solid Waste TS/MRF permit (TRP090002) to include the addition of new operating areas within the confines of the existing building (to the east of the existing TS/MRF operation area) and installation of a new advanced mechanized picking and sorting line (with replacement of the existing picking and sorting line) for recyclable materials recovery operation.

The expanded operating areas will be utilized mainly for recovery, processing, storage and ultimate transfer of recyclable materials to the end-markets. Recovered materials (including wood) will be further processed in the building and stored prior to off-site transfer. Recovered plastic may be transported from the TS/MRF building to the on-site building located on Lot 1B of Block 51. Montecalvo Disposal also received a Beneficial Use Determination from Solid Waste allowing them to generate 25,000 tons of wood chips per year for beneficial reuse.

RTD and its co-permittees are routinely involved in other projects, pilot projects and temporary to long term projects with various operators. RTD presently has approval for receiving, storing and blending of dredge materials and is in the preliminary stages of processing used tires. The involvement varies from direct operations including but not limited to use of scales and access roads and/or use of equipment and personnel for loading/unloading and storage of materials, to leasing of properties and/or providing services to the site operators.

RTD has applied for a New Jersey Pollutant Discharge Elimination System (NJPDES) permit (Renewal of an individual permit) to the New Jersey Department of Environmental Protection (NJDEP), Bureau Nonpoint Pollution Control. A location map of the facility is included. The applicant is primarily involved with the recycling of construction debris under the North American Industrial Classification System (NAICS) 423320. The proposed permit regulates stormwater discharges to the Raritan River, classified as SE1(C2) waters.

After discussions with representatives of RTD, a decision was reached to renew an individual permit. The NJDEP intends to issue NJPDES permit NJ0132209 to include certain numeric effluent limitations and monitoring requirements. In addition, the permit renewal requires the facility to continue to implement a Stormwater Pollution Prevention Plan (SPPP) to control the quality of its stormwater discharges.

5 Description of the Receiving Water and Discharge Locations or Local Agency:

The receiving stream is the Raritan River classified as tidal saltwater Category 2 water

6 Type and Quantity of the Wastes, Fluids, or Pollutants (as applicable):

Bayshore is approved for the following under the terms and conditions of the permit to operate a Class B Recycling Facility

Description	Total received		Total allowable storage	
	Daily maximum allowed	Weekly maximum allowed	Unprocessed	Processed
Petroleum / Coal Tar Contaminated Soils	2,500 tons per day	not specified	9,965 Cu. Yards	6,773 Cu. Yards
Slag material	100 tons per day	not specified	1,460 Cu. Yards	not specified in permit
Untreated Wood	500 tons per day	not specified	4,255 Cu. Yards	4,255 Cu. Yards
Concrete, asphalt, brick and block	3,000 tons per day	not specified	302,286 Cu. Yards	176,774 Cu. Yards

Montecalvo Disposal is approved for the following under the terms and conditions of the permit to operate a Transfer Station/Materials Recovery Facility: 1,000 tons per day maximum of all solid waste materials consisting of any of the following solid waste types:

Type	Description
13	Bulky Waste
13C	Construction & Demolition
27	Dry Industrial Waste

7 Summary of Permit Conditions:

The objective of this regulatory action is to modify an individual NJPDES permit under the procedures established in N.J.A.C. 7:14A-15, 16, and 17.

Under this permit renewal, the permittee will be required to:

1. Maintain a Stormwater Pollution Prevention Plan that includes Drainage Control Plan and Spill Prevention Plan of the facility (Part IV Section B of the permit)
2. Design, implement and maintain BMPs to meet numeric limits in Part III of this permit and specific design criteria (Part IV Section C of the permit)
3. Manage the operation and maintenance of the facility which includes routine inspections of the facility (Part IV Section D of the permit)
4. Monitor stormwater discharges at the monitoring locations in accordance with Part III of the permit (Part IV Section E of the permit)
5. Conduct routine inspections and prepare a written summary. Submit annual certifications

- (Part IV Section F of the permit)
6. Retain records and monitoring information as required in Part IV of this permit
(Part IV Section G of the permit)
 7. Seal the manhole inside the Converted Organics Bldg, and provide the Department with information on the “associated collection system” referenced in Part IV.C.1.d
(Part IV Section H of the permit)

NOTE: RTD relocated Outfall SP2A to a point outside of the Converted Organics Bldg.

RTD will be prohibited from receiving, storing, mixing, blending, processing and any other activities involving medical waste, food waste and/or composting. These activities may require engineered systems and Department guidance that are not part of the terms and conditions of this permit.

RTD will continue to submit a monthly list to the Department. The list will contain information of operators and activities at the site. Starting new activities and/or adding new operators to the existing properties may require additional Department guidance and permitting. The monthly list of operators and activities will provide the Department with advance notice and provide the Department with the opportunity to evaluate potential impact of the proposed new activities on water quality. RTD will not allow any changes to and/or addition of other activities until BMPs are designed and fully implemented for the changed and/or addition of other activities.

Drainage control is the use of grading, diversionary structures, containment, dedicated storage areas and other methods used to divert stormwater from areas of industrial activity to a permitted outfall. Design criteria establish targets to help the permittee determine if the selected BMPs are effective. An exceedance of a design criteria is not considered to be a violation of the permit. Continued exceedance of design criteria indicates that the selected BMPs are not effective and may require modification or replacement. Additional BMPs may also be required based on monitoring results.

Concerning the proposed permit (renewal of an individual permit), the NJDEP is authorized under the federal regulations (40 CFR 122.44) and under NJPDES rules (N.J.A.C. 7:14A-6.2(b) to impose Best Management Practices (BMPs) to control or abate the discharge of pollutants in lieu of numeric effluent limitations in NJPDES permits. BMPs may be imposed when the NJDEP finds numeric effluent limitations to be infeasible or when BMPs are reasonably necessary to achieve effluent limitations and standards or to carry out the purposes and intent of the State and Federal Acts. Additionally, the NJDEP believes that it is not feasible at this time to establish water quality based effluent limits (WQBEL) for this stormwater discharge. The proposed limitations incorporated in the SPPP are consistent with the NJDEP's and EPA's stormwater permitting philosophy of reducing the amount of pollution created and to prevent pollution from occurring in the first place (See 24 N.J.R. 2352). The SPPP requirements and monitoring requirements operate as limitations and controls on stormwater effluent discharges to prevent stormwater contamination and are intended to achieve Best Available Technology Economically Achievable (BAT) and Best Conventional Pollutant Control Technology (BCT). The SPPP proposed will consist of requirements for preparing the SPPP, certifying the preparation and submitting the plan, implementation of the SPPP by a compliance date, certification of implementation of the SPPP, and annual recertification and reporting of the effectiveness of the SPPP. The objective of the SPPP is to prevent stormwater contamination through the elimination and/or minimization of exposure, during and after storm events, of industrial materials, machinery, waste products, and other source materials associated with industrial activity located at the facility, to stormwater that is discharged through separate storm sewers to surface waters.

The permittee will continue to monitor COD, TSS, pH, O&G, and Metals. Monitoring of these pollutants will be done at all the outfalls (SP1A through SP8A). The Fact Sheet for the existing permit summarizes the basis for each pollutant to be monitored as a requirement of the renewal permit unless otherwise noted below:

Total Dissolved Solids (TDS)

The Department is temporarily suspending monitoring of TDS for this permit cycle

Total Suspended Solids (TSS)

Drainage control in some areas has not been completed. This work could potentially cause elevated results for TSS. The Department will allow an additional year to complete this work. Analytical data shows that TSS continues to be considerably over the design criteria. The Department removed the effluent limit as explained in the response to comments (see Comment #

Metals

The Department is suspending metals monitoring at all outfalls during this permit cycle except for metals monitoring at SP8A. Quarterly metals monitoring will continue at SP8A.

Biochemical Oxygen Demand, 5-Day (BOD-5)

Unprocessed glass cullet and unprocessed plastic/aluminum drink bottles typically have been found to be a source for BOD-5. Since there is outdoor storage of these materials at Coastal, quarterly monitoring for BOD-5 will be added at Outfall SP8A.

Oil & Grease (O&G)

On July 1, 2007, the Department withdrew EPA Methods 413.1 and 418.1 in response to a final ruling adopted at 40 CFR 136 by the USEPA's Office of Water, banning the use of Freon 113, a Class I Chlorofluorocarbon (CFC). Freon 113 is used as the extractable solvent in Methods 413.1 and 418.1. The Department's 'Division of Water Quality' has made a decision, based on the capturing potential, that for purposes related to water quality, Method 1664A Silica Gel Treatment N-Hexane Extractable Material (SGT-HEM; Non-polar Material) is a replacement method for Method 418.1. EPA did not provide a replacement method for EPA Method 413.1 that captures light organic hydrocarbons.

RTD will analyze for O&G using Method 1664A Silica Gel Treatment N-Hexane Extractable Material (SGT-HEM; Non-polar Material) There will be numeric effluent limitations for O&G in this permit in accordance with State effluent standards in N.J.A.C. 7:14A-12.8. The maximum for any sample shall not exceed 15 mg/L.

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

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

For Minor Permits where no significant public comment is expected, please refer to the procedures described in the cover letter.

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

Additional information concerning the Draft Permit renewal may be obtained between the hours of 8:30 A.M. and 4:00 P.M., Monday through Friday from John Ashton, Bureau of Nonpoint Pollution Control, at (609) 633-7021.

10 Permit Summary Table
Facility Name: Recycling Technology Development, LLC
Permit #: NJ0132209 **Discharge Type:** Stormwater

PARAMETER all values are mg/L unless otherwise stated	DMR DATA Maximum (mg/L) Jan. 2005 – Sep. 2009								PROMULGATED EFFLUENT LIMITATION GUIDELINES	DRAFT PERMIT REQUIREMENTS
	SP1A	SP2A	SP3A	SP4A	SP5A	SP6A	SP7A	SP8A		
Latitude	40°30'41.58"	40°30'39.32"	40°30'41.91"	40°30'38.68"	40°30'42.57"	40°30'49.82"	40°30'38.28"	40°30'49.06"		
Longitude	74°18'25.02"	74°18'25.92"	74°18'23.63"	74°18'22.83"	74°18'22.48"	74°18'35.62"	74°18'29.06"	74°18'23.33"		
Chemical Oxygen Demand (COD)	28.8 - 239	22.5 - 311	13.5 - 1,600	169	66.6	No data	No data	No data	None	Final Monitor
pH range (S.U.)	7.1 - 9.1	6.60 - 9.34	6.53 - 9.13	8.31	7.93	No data	No data	No data	None	Monitor
Total Suspended Solids (ISS)	49-55,700	3 - 2,020	26 - 17,600	29,900	428	No data	No data	No data	None	Monitor
Total Dissolved Solids (TDS)	140 - 428	33 - 1,280	10 - 995	No data	No data	No data	No data	No data	None	Monitor
Total Petroleum Hydrocarbons	-	< 5 - 14.6	< 5 - 20.3	54.2	1.8	No data	No data	No data	N.J.A.C.7:14A-12.8	None
Biochemical Oxygen Demand, 5-day (BOD-5)	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	None	Monitor
Oil & Grease	< 5.1 - 20.2	< 5 - 25.9	< 5 - 33.2	No data	No data	No data	No data	No data	N.J.A.C.7:14A-12.8	15
Aluminum (ug/L)	4 - 367	1.7 - 72.3	1.05 - 404	No data	No data	No data	No data	No data	None	Monitor
Chromium (ug/L)	0.033 - 0.570	0.011 - 0.157	0.002 - 2.03	No data	No data	No data	No data	No data	None	Monitor
Copper (ug/L)	0.053 - 0.570	0.040 - 0.448	0.038 - 0.703	No data	No data	No data	No data	No data	None	Monitor
Iron (ug/L)	4.96 - 392	2.15 - 79.7	1.33 - 490	No data	No data	No data	No data	No data	None	Monitor
Lead (ug/L)	0.042 - 2.01	0.019 - 0.512	0.055 - 3.5	No data	No data	No data	No data	No data	None	Monitor
Nickel (ug/L)	0.029 - 0.620	0.010 - 0.146	0.011-0.645	No data	No data	No data	No data	No data	None	Monitor
Zinc (ug/L)	0.120 - 2.77	0.040 - 0.818	0.036 - 4.06	No data	No data	No data	No data	No data	None	Monitor
Industrial Activity										SPPP2, Table 2 in permit requirements

S.U. is the abbreviation for standard units.
ND means not detected

NOTES

- 1 - Renewal Application data
- 2 - Stormwater Pollution Prevention Plan (SPPP) is derived from Federal (40 CFR 122.44) and State (N.J.A.C. 7:14A-11.2(a)3 rules and will be developed as a non-numeric effluent limit to replace the numeric limits of the prior permit, and to control parameters not listed above. The following outside areas must be addressed in the SPPP, if applicable: (1) vehicle fueling and maintenance areas; (2) waste management/handling areas; (3) ISRA clean-up areas; (4) loading docks; (5) storage areas; and (6) any other areas with "stormwater discharges associated with industrial activity" as defined by N.J.A.C. 7:14A-1.2.

Appendix

CONTENTS OF THE ADMINISTRATIVE RECORD

The following items are used to establish the basis of the draft permit renewal:

1. The public notice of the NJDEP's intent to revoke and reissue NJPDES permit NJ0132209 (i.e. "Draft Permit")
2. The fact sheet for that "Draft Permit"
3. NJPDES NJ0088315 (N.J.A.C. 7:14A-3 Appendix A) (NPI)*
4. N.J.A.C. 7:14A (NPI)*
5. 40 CFR 122.28 (NPI)*
6. N.J.S.A. 58:10A-1 et seq (NPI)*
7. Site visit conducted September 9, 2009
8. Multi-Sector General Permit (published in the Federal Register on September 29, 1995, September 30, 1998 and October 30, 2000) (NPI)*
9. Data from the Nationwide Urban Runoff Program (EPA 1983) (NPI)*

*NPI: The document is part of the administrative record, but is not physically included with the record.

PART I GENERAL REQUIREMENTS: NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of the final permit.
- b. General Conditions
 - Penalties for Violations N.J.A.C. 7:14-8.1 et seq.
 - Incorporation by Reference N.J.A.C. 7:14A-2.3
 - Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i
 - Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
 - Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 & 11
 - Inspection and Entry N.J.A.C. 7:14A-2.11(e)
 - Enforcement Action N.J.A.C. 7:14A-2.9
 - Duty to Reapply N.J.A.C. 7:14A-4.2(e)3
 - Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
 - Effect of Permit/Other Laws N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
 - Severability N.J.A.C. 7:14A-2.2
 - Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
 - Permit Actions N.J.A.C. 7:14A-2.7(c)
 - Reopener Clause N.J.A.C. 7:14A-6.2(a)10
 - Permit Duration and Renewal N.J.A.C. 7:14A-2.7(a) & (b)
 - Consolidation of Permit Process N.J.A.C. 7:14A-15.5
 - Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
 - Fee Schedule N.J.A.C. 7:14A-3.1
 - Treatment Works Approval N.J.A.C. 7:14A-22 & 23
- c. Operation And Maintenance
 - Need to Halt or Reduce not a Defense N.J.A.C. 7:14A-2.9(b)
 - Proper Operation and Maintenance N.J.A.C. 7:14A-6.12
- d. Monitoring And Records
 - Monitoring N.J.A.C. 7:14A-6.5
 - Recordkeeping N.J.A.C. 7:14A-6.6
 - Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9
- e. Reporting Requirements
 - Planned Changes N.J.A.C. 7:14A-6.7
 - Reporting of Monitoring Results N.J.A.C. 7:14A-6.8
 - Noncompliance Reporting
 - Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10 & 6.8(h)
 - Written Reporting N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
 - Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
 - Schedules of Compliance N.J.A.C. 7:14A-6.4
 - Transfer N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. No Additional Requirements Incorporated by Reference

B. General Conditions

1. Scope

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

2. Permit Renewal Requirement

- a. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed or revoked by the Department.
- b. Submit a complete permit renewal application: 180 days before the Expiration Date.

3. Notification of Non-Compliance

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

4. Notification of Changes

- a. The permittee shall give written notification to the Department of any planned physical or operational alterations or additions to the permitted facility when the alteration is expected to result in a significant change in the permittee's discharge and/or residuals use or disposal practices including the cessation of discharge in accordance with N.J.A.C. 7:14A-6.7.
- b. Prior to any change in ownership, the current permittee shall comply with the requirements of N.J.A.C. 7:14A-16.2, pertaining to the notification of change in ownership.

5. Access to Information

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

6. Stormwater Discharge Authorization

- a. The permittee shall discharge stormwater to surface waters and/or ground waters of the State only as authorized herein and consistent with the terms and conditions of this permit. This permit does not authorize any unpermitted discharge of domestic wastewater, non-contact cooling water, leachate, or process water, unless otherwise stated in Part IV of the Permit.

7. Other Discharges

- a. If, during or after the preparation of the SPPP, it is discovered that the facility generates and discharges to surface waters and/or ground water any domestic wastewater, non-contact cooling water, or process waste water (including leachate and cooling water), not authorized by this permit or any other NJPDES permit, the permittee shall discontinue such discharges and apply for the appropriate NJPDES DSW permit in accordance with the NJPDES rules at N.J.A.C. 7:14A.

8. Operator Certification

- a. For stormwater only discharges pursuant to N.J.A.C. 7:10A-1.10, the facility operator is exempt from the operator certification requirements unless otherwise required by this permit .

9. Monitoring Locations

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

10. Stormwater/Intermittent Discharges

- a. The permittee is required to ensure that samples and measurements taken for the purposes of monitoring are representative of the monitored activity pursuant to N.J.A.C. 7:14A-6.5(a). This includes any regulated intermittent activity or discharge. 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.
 - i. The permittee should check "No Discharge this monitoring period" on the monitoring report transmittal sheet only if there are no discharge events during the entire reporting period.

11. Removed Substances/Residuals

- 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, sludge, filter backwash, or other pollutants removed from, or resulting from the treatment or control of discharges must be disposed of in accordance with all applicable Federal, State, Local and other appropriate agency requirements.

12. Outfall Tagging and Monitoring Location Tagging

- a. All permittees with discharges that flow through an outfall with a Discharge Serial Number (DSN), shall identify the outfall with an outfall tag or posted sign. The outfall tag or posted sign shall be:
 - i. legible from twenty-five (25) feet, with a minimum of one (1) inch lettering;
 - ii. visible to the public from the land and water (if applicable)
 - iii. located as near to the end of the outfall as possible;
 - iv. made of durable, weather resistant material; and
 - v. maintained on a regular basis, such as cleaned and inspected to ensure that the tag is properly attached.
- b. The outfall tag shall display, at minimum, the following information:

- i. the name of the facility where the discharge originates;
 - ii. the NJPDES permit number;
 - iii. the Department Hotline phone number; and
 - iv. the DSN for that particular outfall.
- c. If the monitoring locations are different than the outfall locations, monitoring locations shall also be identified with a tag or posted sign. The tag or posted sign shall be:
- i. legible;
 - ii. made of durable, weather resistant material; and
 - iii. maintained on a regular basis, such as cleaned and inspected to ensure that the tag is properly attached.
- d. The monitoring location tag shall display, at minimum, the following information:
- i. the DSN.

C. Custom Requirement

PART III LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION GROUP: Stormwater Outfalls

Monitored Location Group Members

SP1A Outfall, SP2A Outfall, SP3A Outfall, SP4A Outfall, SP5A Outfall, SP6A Outfall, SP7A TSMRF Area

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

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

PHASE: Final **PHASE Start Date:** 10/01/2011 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Frequency	Sample Type
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	REPORT Daily Maximum	1/Quarter	Grab
	QL	***	***		***	***	***		***		
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	15 Instant Maximum	1/Quarter	Grab
	QL	***	***		***	***	***		***		
Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	REPORT Instant Maximum	1/Quarter	Grab
	QL	***	***		***	***	***		***		

MONITORED LOCATION: RAIN Rain data RECEIVING STREAM: STREAM CLASSIFICATION: DISCHARGE CATEGORY(IES):
RF - Stormwater

Location Description

This is the rainfall data taken at the time of sampling

Surface Water WCR - Quarterly Reporting Requirements:

Submit a Quarterly WCR: due 25 calendar days after the end of each quarter. The monitoring quarter begins on the EDPM. "Due" means "postmarked by".

Comments:

ph for each outfall will be reported on the WCR

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

PHASE: Final **PHASE Start Date:** 10/01/2011 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Date of Storm Event	Precipitation	REPORT	MM/DD/YY	Estimated	January thru December
Time Storm Event Began	Precipitation	REPORT	STD TIME	Estimated	January thru December
Storm Event Duration	Precipitation	REPORT	# HOURS	Estimated	January thru December
Time of Sample Collection	Precipitation	REPORT	STD TIME	Estimated	January thru December
Rainfall Amount at Time of Sampling	Precipitation	REPORT	# INCHES	Estimated	January thru December
pH	Effluent Gross Value	REPORT	SU	Grab	January thru December

MONITORED LOCATION: SP8A Outfall RECEIVING STREAM: RF - Stormwater STREAM CLASSIFICATION: DISCHARGE CATEGORY(IES): RF - Stormwater

Location Description

SP8A is on the west side of Kinsey Creek near the culvert

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

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

PHASE: Final **PHASE Start Date:** 10/01/2011 **PHASE End Date:**

Parameter	Sample Point	Limit	Units	Limit	Limit	Limit	Limit	Limit	Limit	Units	Frequency	Sample Type
BOD, 5-Day (20 oC)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
January thru December Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
January thru December Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
January thru December Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

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

PHASE: Final **PHASE Start Date: 10/01/2011** **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Limit	Units	Limit	Limit	Limit	Limit	Units	Frequency	Sample Type
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	UG/L	1/Quarter	Grab
Iron, Total (as Fe)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	UG/L	1/Quarter	Grab
Lead, Total (as Pb)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	UG/L	1/Quarter	Grab
Nickel, Total (as Ni)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	UG/L	1/Quarter	Grab
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	UG/L	1/Quarter	Grab
Aluminum, Total (as Al)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	UG/L	1/Quarter	Grab

PART III LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION GROUP: Stormwater Outfalls

Monitored Location Group Members

SP1A Outfall, SP2A Outfall, SP3A Outfall, SP4A Outfall, SP5A Outfall, SP6A Outfall, SP7A TSMRF Area

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

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

PHASE: Final **PHASE Start Date:** **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Frequency	Sample Type
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	150 Monthly Average	150 Daily Maximum	MG/L	150	1/Quarter	Grab
	QL	***	***	***	***	*****	*****	MG/L	15	1/Quarter	Grab
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	Instant Maximum	1/Quarter	Grab
	QL	***	***	***	***	*****	*****	MG/L	REPORT Instant Maximum	1/Quarter	Grab
Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	*****	1/Quarter	Grab
	QL	***	***	***	***	*****	*****	MG/L	*****	1/Quarter	Grab

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: first 12 months PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Limit	Units	Frequency	Sample Type
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	1/Quarter	Grab
	QL	***	***		***	***	***	***			
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	1/Quarter	Grab
	QL	***	***		***	***	***	***			
January thru December Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	1/Quarter	Grab
	QL	***	***		***	***	***	***			

MONITORED LOCATION: RAIN Rain data RECEIVING STREAM: STREAM CLASSIFICATION: DISCHARGE CATEGORY(IES):
RF - Stormwater

Location Description

This is the rainfall data taken at the time of sampling

Surface Water WCR - Quarterly Reporting Requirements:

Submit a Quarterly WCR: due 25 calendar days after the end of each quarter. The monitoring quarter begins on the EDPM. "Due" means "postmarked by".

Comments:

ph for each outfall will be reported on the WCR

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

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Date of Storm Event	Precipitation	REPORT	MM/DD/YY	Estimated	January thru December
Time Storm Event Began	Precipitation	REPORT	STD TIME	Estimated	January thru December
Storm Event Duration	Precipitation	REPORT	# HOURS	Estimated	January thru December
Time of Sample Collection	Precipitation	REPORT	STD TIME	Estimated	January thru December
Rainfall Amount at Time of Sampling	Precipitation	REPORT	# INCHES	Estimated	January thru December
pH	Effluent Gross Value	REPORT	SU	Grab	January thru December

MONITORED LOCATION: SP8A Outfall RECEIVING STREAM: RF - Stormwater STREAM CLASSIFICATION: DISCHARGE CATEGORY(IES):

Location Description

SP8A is on the west side of Kinsey Creek near the culvert

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

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

Parameter	Sample Point	PHASE Start Date:			PHASE End Date:			Units	Frequency	Sample Type
		Limit	Limit	Limit	Limit	Limit	Limit			
BOD, 5-Day (20 oC)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***			
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***			
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***			
January thru December Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***			
January thru December Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

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

Parameter	Sample Point	PHASE Start Date:			PHASE End Date:			Units	Limit	Frequency	Sample Type
		Limit	Limit	Limit	Limit	Limit	Limit				
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
Iron, Total (as Fe)	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
Lead, Total (as Pb)	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
Nickel, Total (as Ni)	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
Aluminum, Total (as Al)	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	UG/L	REPORT Instant Maximum ***	1/Quarter	Grab	
	QL	***	***	***	***	***					

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III - C - 2: Surface Water DMR Limits and Monitoring Requirements

Parameter	Sample Point	PHASE Start Date:			PHASE End Date:			Units	Limit	Limit	Limit	Units	Frequency	Sample Type
		Limit	Limit	Limit	Limit	Limit	Limit							
BOD, 5-Day (20 oC)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	REPORT Instant Maximum	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	*****	REPORT Instant Maximum	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	15 Instant Maximum	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			
Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	REPORT Instant Maximum	*****	*****	*****	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	REPORT Instant Maximum	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	REPORT Instant Maximum	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			
Iron, Total (as Fe)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	REPORT Instant Maximum	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III - C - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: first 12 months PHASE Start Date: PHASE End Date:

Parameter	Sample Point	PHASE Start Date:		PHASE End Date:		Units	Limit	Limit	Limit	Units	Frequency	Sample Type
		Limit	Limit	Limit	Limit							
Lead, Total (as Pb)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
Nickel, Total (as Ni)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			
Aluminum, Total (as Al)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	UG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***			

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. Stormwater Notes

- a. The following notes refer to the limit and monitoring requirements contained in the tables located in Part III and IV of the permit.
 - i. The discharge shall not exhibit a visible sheen or other discoloration associated with the regulated activity.
 - ii. All facilities discharging to surface water are prohibited from discharging foam or causing foam discoloration or odor associated with the regulated activity in accordance with N.J.A.C. 7:14A-12.6.
 - iii. Reporting of analytical results shall follow the procedures described in the Department's "NJPDES Monitoring Report Form Reference Manual" (latest revision).
 - iv. Grab sample shall be collected at the designated sampling points and shall be collected within 30 minutes of the stormwater discharge or as soon thereafter as practicable. For sampling, follow guidelines in, "NJDEP Field Sampling Procedures".
 - v. pH values that are measured below lower pH limit are not in violation if they are not lower than the measured pH of the precipitation collected on site during the storm event. To qualify for this exception, pH of that precipitation shall be reported on the monitoring report form as "Rain" pH.
 - vi. For the purposes of this NJPDES permit, the stormwater discharges regulated by this permit are not process wastewaters.
 - vii. "Drainage Control" shall be required in all areas where there are stormwater discharges associated with industrial activity. Drainage control can be established using diversionary structures, grading, embankments, collection systems and other similar methods to divert stormwater from the industrial area of the site to a permitted outfall. The site may require several outfalls to establish drainage control. In areas of industrial activity that cannot be diverted to a permitted outfall, the permittee shall convert the area(s) so there is no direct discharge of stormwater to surface water, or cease all industrial activity and eliminate exposure of source material, including source material remaining from past industrial activity.
 - viii. A "discernible, confined and discrete conveyance" includes, but is not limited to, a pipe, ditch or channel. Examples of such conveyances include storm sewer pipes, drainage ditches, spillways, gullies, swales, gutters, curbs and streets.

B. Definitions

1. Stormwater Definitions

- a. Unless otherwise stated in this permit, the definitions set forth at N.J.A.C. 7:14A-1.1, N.J.A.C. 7:14A-1.2 and Discharge Monitoring Report (DMR) Instruction Manual are incorporated into this permit.

- i. "Annual Monitoring" means monitoring conducted at a minimum frequency of once every twelve calendar months.
- ii. "Design criteria" is a pollutant concentration that the Department has determined that when exceeded represents a level of concern. Design criteria are established as "design goals" for Best Management Practices (BMPs) and/or water treatment, and are not established as numeric effluent limitations. Sampling results exceeding the design criteria will not be deemed violations.
- iii. "Outfall" means (a) a point within the facility at which stormwater associated with the facility's industrial activity enters a surface water body from a discernible, confined and discrete conveyance; or (b) a point at which stormwater associated with the facility's industrial activity enters a surface water body from a discernible, confined and discrete conveyance for transport as stormwater to an offsite surface water body.
- iv. "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-24.7. Source materials include, but are not limited to: raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels; and lubricants, solvents, and detergents that are related to process or other industrial activities. Materials or machinery that are not exposed to stormwater or that are not located at the facility are not "source materials".

C. Acronyms

1. Stormwater Acronyms

- a. "BMP"- Best Management Practices
- b. "CFR"- Code of Federal Regulations
- c. "DMR"- Discharge Monitoring Report
- d. "DCP"- Drainage Control Plan
- e. "DPCC" - Discharge Prevention Containment and Countermeasure
- f. "DSN"- Discharge Serial Number
- g. "EDI" - Electronic Discharge Interchange
- h. "EDP"- Effective Date of Permit
- i. "MRF"- Monitoring Report Form (DMRs and WCRs are MRFs.)
- j. "N.J.A.C."- New Jersey Administrative Code
- k. "NJPDES"- New Jersey Pollutant Discharge Elimination System
- l. "N.J.S.A."- New Jersey Statutes Annotated
- m. "SPCC" - Spill Prevention Control and Countermeasure
- n. "SPPP"- Stormwater Pollution Prevention Plan

- o. "WCR"- Waste Characterization Report

Stormwater

A. Permit Overview

1. Summary of Stormwater Permit Requirements

- a. The permittee shall develop, implement, update and maintain a Stormwater Pollution Prevention Plan (SPPP), which includes a Drainage Control Plan (DCP) (see Part IV.B).
- b. The permittee shall develop, implement, update and maintain site specific best management practices (BMPs) to achieve the design criteria and effluent limitations as specified in the permit (see Part IV.C).
- c. The permittee shall be responsible for supervising and managing the operation and maintenance of the facility, which includes routine inspections of the facility (see Part IV.D).
- d. The permittee shall conduct stormwater monitoring in accordance with the permit (see Part IV.E).
- e. The permittee shall summarize facility inspections in written reports and submit reports and certifications to ensure compliance with this permit (see Part IV.F).
- f. The permittee shall retain records of all monitoring information, maintenance records, and copies of all reports (including the SPPP and soil erosion and sediment control plans) required by this permit (see Part IV.G).
- g. The permittee shall provide information and/or implement Custom Requirements (see Part IV.H).

B. Stormwater Pollution Prevention Plan

1. SPPP Minimum Requirements

- a. The SPPP shall address all stormwater discharges associated with industrial activity, including source materials, at the facility.
- b. The facility shall gain drainage control of the stormwater runoff from all areas of industrial activity, including source materials, in accordance with section B.4 below.
- c. The permittee shall include a DCP as a section within the SPPP.
- d. The SPPP shall identify the BMPs that are in place to eliminate, reduce, or minimize exposure of industrial activity and source materials to stormwater discharging to surface or ground water.
- e. The SPPP shall demonstrate that upon implementation the stormwater discharges associated with industrial activity meet the permit conditions contained in this permit.
- f. The SPPP shall address, but is not limited to, the following outside areas:
 - i. outside vehicle/equipment fueling, maintenance and washing areas, and fuel storage (e.g., diesel fuel);
 - ii. outside areas used for waste management/handling or storage of equipment (e.g., dumpsters, scrap metal, vehicle parts, drums, and garbage);
 - iii. pavement and access roads needing repairs and unpaved surfaces with the potential to erode and discharge solids (soils and/or sediments) to surface waters;
 - iv. catch basins, trench drains and roof drains discharging to surface waters;
 - v. loading docks;

Stormwater

- vi. spills/leaks/non-stormwater discharges of fluid products, raw material, vehicle coolants, lubricants and other chemicals;
 - vii. above ground storage tanks; and
 - viii. other areas/activities with stormwater discharges to surface water associated with industrial activity as defined by the federal rules (40 CFR 122.26 (b) (14)) and contained by reference in the state rules.
- g. The SPPP shall identify BMPs to stabilize surface soils and reduce sediment transport, using BMPs outlined in the Standards for Soil Erosion and Sediment Control in New Jersey where appropriate, in accordance with the Soil Erosion and Sediment Control Act N.J.S.A. 4:24-39 et seq.
 - h. The SPPP shall identify production and non-production areas that have a high potential for soil erosion or a known soil erosion problem. Appropriate vegetative, structural, or stabilization measures shall be selected to limit erosion and sediment transport in these areas.
 - i. The SPPP shall be prepared, implemented, and maintained in accordance with good engineering practices and shall include, at a minimum, all of the items and information identified in Part IV. B, C and Attachment 1: "Contents of the Stormwater Pollution Prevention Plan".
 - j. The original SPPP shall be retained at the facility for use by the facility and inspection by the Department.

2. BMP Design Criteria

- a. For monitoring only requirements, BMPs shall be designed, implemented and maintained to achieve the following design criteria upon implementation of the SPPP:
 - i. BOD-5 \leq 30 mg/L
 - ii. COD \leq 120 mg/L
 - iii. For Outfall SP8A:
 - Al \leq 750 ug/L
 - Cu \leq 64 uf/L
 - Fe \leq 1,000 ug/L
 - Pb \leq 816 ug/L
 - Ni \leq 1,417 ug/ L
 - Zn \leq 117 ug/L.
 - iv. pH = 6.0 - 9.0 S.U.
 - v. Oil and Grease \leq 15 mg/L
 - vi. TSS \leq 100 mg/L
- b. If the monitoring results exceed the design criteria (or are outside the range for pH, if applicable), the permittee shall:
 - i. evaluate potential sources for the specific parameter that did not comply with the design criteria;
 - ii. identify BMPs (e.g., source control, operational control, stormwater treatment) by which the permittee can further reduce stormwater contamination;
 - iii. evaluate whether any improvements or changes to the SPPP are warranted to reduce and control this parameter concentration;

- iv. update the SPPP with any improvements or changes; and
 - v. summarize the results in the annual report in accordance with Part IV.F, including remedial actions taken.
- c. If the permittee fails to design, implement and maintain the BMPs identified in the SPPP to meet the design criteria, or to make significant progress toward meeting the design criteria, the Department may modify the permit in accordance with N.J.A.C. 7:14A-16.4(b)11.

3. Effluent Limitations

- a. BMPs shall be designed, implemented and maintained to meet the effluent limitations in the Part III tables upon implementation of the SPPP.
- b. If the monitoring results exceed the effluent limitations (or are outside the range for pH, if applicable), the permittee shall:
 - i. evaluate potential sources for the specific parameter that did not comply with the design criteria;
 - ii. identify BMPs (e.g., source control, operational control, stormwater treatment) by which the permittee can further reduce stormwater contamination;
 - iii. evaluate whether any improvements or changes to the SPPP are warranted to reduce and control this parameter concentration;
 - iv. update the SPPP with any improvements or changes; and
 - v. summarize the results in the annual report in accordance with Part IV.F, including remedial actions taken.
- c. The permittee may be subject to enforcement action by the Department for failure to meet effluent limitations in Part III of the permit.

4. Drainage Control

- a. Drainage Control shall be maintained and/or updated in all areas of industrial activity. In areas of industrial activity that cannot be diverted to a permitted outfall, the permittee shall do one of the following:
 - i. convert the area(s) to "no discharge" area(s) and manage stormwater collected in the area(s) as industrial wastewater; or
 - ii. eliminate industrial activity in these areas.
- b. Outfall Stabilization
 - i. The permittee shall design, implement and maintain BMPs to prevent downstream erosion and sedimentation caused by stormwater, and/or process wastewater runoff at the outfall(s).
 - ii. At a minimum, the BMPs shall meet the most recent technical standards listed in Standards for Soil Erosion and Sediment Control in New Jersey, Engineering Standards Section titled Standard for Off-Site Stability.
 - iii. Where erosion at the outfall structure occurs the permittee shall restore the eroded areas to its previous condition.

5. Drainage Control Plan

- a. If changes are made to site drainage control, the facility shall develop, implement and/or maintain a DCP containing the following:
 - i. a written narrative; and
 - ii. a Drainage Control Map.
- b. The DCP shall be certified by a New Jersey licensed Professional Engineer.
- c. Elevations for the Drainage Control Map shall be measured by a New Jersey licensed surveyor.
- d. The written narrative shall describe how the facility will establish drainage control and shall include the following:
 - i. facility name;
 - ii. NJPDES permit number (NJ0132209) and Program Interest I.D. number(PI 46102);.
 - iii. an alpha-numeric discharge serial number (e.g., DSN001A, DSN002A, DSN003A) for each surface water monitoring point(s);
 - iv. an alpha-numeric identifier (e.g. I01I, I02I, I03I) for each ground water monitoring point(s);
 - v. the latitude and longitude for each monitoring point(s);
 - vi. the name of all receiving water bodies (for discharges to surface water) and assigned New Jersey Surface Water Quality Standards' classifications;
 - vii. the name of the receiving aquifer (for discharges to ground water) and assigned New Jersey Ground Water Quality Standards' classification; and
 - viii. a description of any proposed stormwater treatment;
- e. Unless otherwise specified by the Department the Drainage Control Map shall be an appropriate engineering scale, which is legible and clearly depicts the following information when applicable:
 - i. site boundary;
 - ii. title block containing tax block and lot number;
 - iii. north directional arrow;
 - iv. date prepared and subsequent revisions;
 - v. final grading of drainage areas, including elevations and flow arrows showing the drainage to regulated outfalls;
 - vi. location of flow diversion structures, treatment units (i.e. lined and unlined basins);
 - vii. location of surface water outfalls (regulated and unregulated) and discharge structures;
 - viii. location of ground water discharge point(s) and discharge structure;
 - ix. receiving waters and their location;
 - x. areas of industrial activity (i.e. Maintenance, fueling, equipment cleaning and storage);

- xi. access roads;
- xii. existing buildings and other structures; and
- xiii. employee and customer parking.

6. Continuation of SPPP

- a. The SPPP shall be updated and maintained in accordance with the permit and recertified on a form provided by the Department in accordance with the schedule in Part IV.F.

C. Site Specific Best Management Practices

1. BMP - Storage of Oil-Contaminated Soils

- a. Storage in roll-off containers and portable dumpsters shall be managed in accordance with the BMP - Roll-off Container and Dumpster Storage of this section.
- b. If petroleum contaminated soil is not stored in accordance with 1.a. of this section then the permittee shall store the soil in accordance with c-g below:.
- c. All portions or areas of a facility (indoors or outdoors) in which petroleum contaminated soils are routinely stored, handled, processed, or transferred shall be equipped with primary containment structures and/or equipment which are designed and operated so that any leak will be prevented from becoming a direct discharge to surface water or groundwater.
- d. Indoor storage of petroleum contaminated soil shall be done in accordance with storage requirements in N.J.A.C. 7:26A - 4.8(b)7.i et.seq. The requirements are that the primary containment system shall be a containment building which is designed and operated as follows:.
 - i. The containment building shall be completely enclosed with a floor, walls, and a roof to prevent exposure to the elements, (c.g., precipitation, wind, run-on), and to assure containment of managed petroleum contaminated soils.
 - ii. The floor and containment walls of the unit shall be designed and constructed of materials of sufficient strength and thickness to support themselves, the petroleum contaminated soil, and any personnel and heavy equipment that operate within the unit. The containment walls shall also be able to prevent failure due to the pressure gradients, settlement, compression, or uplift; and the stresses of daily operation, including the movement of heavy equipment within the unit and contact of such equipment with the containment walls.
 - iii. The unit shall be designed so that it has sufficient structural strength to prevent collapse or other failure.
 - iv. The primary containment system shall be equipped with a liquid collection and removal system to minimize the accumulation of liquid on the primary containment system of the building.
 - v. The primary containment system shall be sloped to drain liquids to the associated collection system; and.
 - vi. Leaked wastes or other liquids shall be collected and removed in as timely a manner as is necessary to minimize hydraulic head on the containment system and to prevent overflow of the sump or collection system.
- e. Outdoor storage of petroleum contaminated soil shall be done in accordance with storage requirements in N.J.A.C. 7:26A - 4.8(b)7.ii et.seq. The requirements are that the primary containment system shall be designed and operated as follows:.

- i. The soil shall be underlined by a base which is free of cracks or gaps and is sufficiently impervious to contain leaked waste and accumulated precipitation until the collected material is detected and removed;.
 - ii. The base shall be sloped or the containment system shall be otherwise designed and operated to drain and remove liquids resulting from leaks or precipitation;.
 - iii. Run-on into the containment system shall be prevented;.
 - iv. Leached wastes, accumulated precipitation or other liquids shall be collected and removed in as timely a manner as is necessary to minimize hydraulic head on the containment system and to prevent the overflow of the sump or collection system; and.
 - v. All petroleum contaminated soils, with the exception of the working pile, shall be covered with either six (6) inches of soil containing less than 1,000 ppm TPH, or a tarpaulin panel. If a tarpaulin panel is used, it shall be manufactured with 16-mil woven fabric or equivalent, as approved by the Department.
- f. Sidewall Construction of Secondary Containment.
- i. Side walls of the containment shall be constructed of an impermeable material as defined in Part IV.B definitions. If side walls are constructed of earthen materials, the permittee shall cover the sidewalls with an impermeable liner until the permittee provides certification that the earthen berm is impermeable.
 - ii. Earthen berms shall be layered with gravel or, other suitable material to stabilize the berm (e.g. asphalt coated or asphalt sprayed) and to minimize erosion and reduce discharges of mud/clay particles.
 - iii. The permittee shall recertify impermeability of earthen berms once every two (2) years.
- g. Oil-contaminated soils that spill outside of the containment area shall be immediately returned to the containment area. The area where the spill occurred shall be restored to conditions as they existed prior to the spill of the oil-contaminated soils.

2. BMP - Dust Control

- a. Spraying of water and other media approved by the Department, for the purpose of dust control, shall not result in a discharge to surface waters.

3. BMP - Roll-off Container and Dumpster Storage

- a. Storage of roll-off containers and portable dumpsters that are empty, in use, and/or full and includes those in storage awaiting reuse, full and awaiting transport, in service, awaiting repair and/or non-repairable.
 - i. Prior to outdoor storage, all empty roll-off containers and dumpsters shall be completely empty of all debris, residuals and visible contamination both internally and externally. In addition, there shall be no evidence of rusting and/or deterioration that may result in potential for TSS (flaking and chipping) or in rusting that imparts color to the surrounding area.
 - ii. Prior to outdoor storage, all full and in-service roll-off containers and dumpsters shall be completely cleaned of all external debris, residuals and visible contamination. The roll-off containers and dumpsters shall have no evidence of leakage. In addition, there shall be no evidence of rusting and/or deterioration that may result in potential for TSS (flaking and chipping) or in rusting that imparts color to the surrounding area.

- iii. All full and in-services roll-offs shall be completely covered before storm events and at least daily at the end of shift to eliminate all exposure of "source materials" to stormwater.
- iv. Roll-off containers and dumpsters not meeting conditions in i, ii and/or iii above shall be stored in accordance with vi of this section.
- v. All water and/or cleaners used for cleaning of roll-off containers and dumpsters shall be managed as process wastewater and either reused or disposed in accordance with applicable rules and regulations.
- vi. All roll-off containers and dumpsters that do not meet the conditions in i or ii of this section shall be stored in a "no discharge" containment area. The containment area shall be of impervious materials, sloped to prevent runoff in all directions and designed to hold the volume of a 10-year/24-hour storm event (approximately 6 inches of rain in a 24-hour period). All liquids collected in this area shall be managed as process wastewater and either reused or disposed of in accordance with applicable rules and regulations.

4. BMP - Air Compressor Discharge

- a. Air compressor condensate discharges to surface water and groundwater including discharges to septic systems or other subsurface systems that discharge to the ground are strictly prohibited under conditions of this permit.
- b. Air compressor discharges shall be managed as wastewater and discharged to a POTW if approved by the local POTW or by other methods in accordance with Federal, State and Local rules and regulations.
- c. The permittee shall summarize Air Compressor Discharge in the SPPP per Attachment 1 Section I.

5. BMP - Outdoor Vehicle/Equipment Maintenance

- a. Outdoor vehicle and equipment maintenance shall be done in a manner that minimizes spill potential and exposure of "source materials" to stormwater.
- b. All "source materials" shall be removed at the completion of the maintenance and any incidental spills shall be immediately remediated.
- c. If the permittee contracts this task to a service contractor, the permittee shall ensure that the service contractor complies with this BMP.

6. BMP - Process Wastewater Management

- a. The permittee shall manage any process wastewater by one of the following methods:
 - i. Discharge to a local POTW if approved by the local POTW for the discharge.
 - ii. Collect and transport to an approved wastewater facility.
 - iii. Treat onsite and reuse and/or discharge (onsite treatment and/or process wastewater discharge may require additional NJPDES permits).
 - iv. Other methods done in accordance with applicable Federal, State and Local rules and regulations.

7. BMP - Southeast Storage Area

- a. The permittee shall develop, implement and maintain BMPs to eliminate exposure of stormwater to "source materials" in the area east of the industrial building and south of the employee parking within six (6) months of the EDP.
- b. If the permittee cannot comply with a. above then the permittee shall do one of the following:
 - i. Convert the area to a "no discharge" area and manage stormwater and other liquids collected in this area as process wastewater and either reuse or dispose of in accordance with applicable rules and regulations.
 - ii. Implement drainage control in this area. If implementing drainage control results in additional outfalls the permittee shall request the Department to modify the permit to add the new outfall(s).

8. BMP - Storage of Unprocessed Materials Including Class A and Class B Recyclables, Treated Wood and Contaminated Materials

- a. Starting from the EDP, the permittee shall eliminate exposure of all unprocessed materials to stormwater (excluding non-contaminated aggregate and/or soil piles approved for outdoor storage) or shall store all unprocessed Class A, treated wood and contaminated materials in a "no discharge" area meeting the following requirements:
 - i. The base shall be an impermeable structure sloped to prevent runoff and designed to hold the volume of a 10-year/24-hour storm event (approximately 6 inches of rain in a 24-hour period).
 - ii. Stormwater and other liquids collected in this area shall be managed as process wastewater and either reused or disposed in accordance with applicable rules and regulations.

9. BMP - Storage of Processed and Baled Class A Materials

- a. Commingled processed and baled Class A materials consisting of plastics and metal cans may be stored outdoors outside of "no discharge" areas provided these areas discharge to a regulated outfall.
- b. Processed and baled fiber material (newspaper, cardboard and mixed paper) may be stored outdoors in the event of an emergency for up to thirty (30) days.
- c. If the permittee requires more than thirty (30) days for outdoor storage of baled fiber materials, the permittee shall contact the Department and provide a basis for the request.
- d. The permittee shall receive written approval from the Department for any storage beyond thirty (30) days.
- e. Processed and unprocessed materials shall also meet any additional storage requirements in accordance with N.J.A.C. 7:26A.

10. BMP - Outdoor Storage of Other Materials

- a. In addition to applicable State, Federal and Local Rules and Regulations for receipt and storage of other materials (including but not limited to electronic equipment, fluorescent lamps, fixtures and ballast, batteries, mercury switches and/or mercury containing devices) shall meet the terms and conditions of this section.
- b. The material(s) shall be elevated and covered to eliminate all contact with stormwater.
- c. If the permittee cannot eliminate exposure than the permittee shall do one of the following:
 - i. Remove the materials from outdoor storage.

- ii. Store the material(s) in a "no discharge" area designed to hold the volume of a 10-year/24-hour storm event (approximately 6 inches of rain in a 24-hour period) and manage the stormwater collected as process wastewater in accordance with applicable State and Local rules and regulations.

11. BMP - Storage of Aggregate

- a. All horizontal and vertical markers required as part of the site Solid Waste requirements for processed and unprocessed stockpiles shall be clearly marked and maintained. The location of the markers shall also be included on the SPPP site map.
- b. Fine Particulate Aggregate Storage.
 - i. Fine particulate aggregates, including but not limited to fly ash, lime and asphalt milling fines (this does not include coarse millings or coarse millings mixed with fine millings), shall be stored in a silo or engineered structure designed to eliminate fugitive emissions and erosion by wind and/or stormwater.
 - ii. BMPs shall address management of the fine particulate aggregates, including but not limited to, loading/unloading activities, storage and the routine handling of this material.
 - iii. Spilled materials shall be either cleaned up and managed as a solid waste or returned to storage.
- c. Outdoor Aggregate Storage.
 - i. The permittee shall post horizontal markers for all outdoor aggregate storage piles. The horizontal markers shall have a minimum distance of 10 feet from the up gradient edge of the buffer zones. Horizontal markers used for compliance with solid waste regulations satisfy this condition provided the markers do not extend in to buffer zones.
 - ii. Aggregate outside of the horizontal markers shall be returned to the storage area by the end of each work day and immediately before a known storm event.
 - iii. Aggregate shall be stored in a manner that prevents overtopping of retaining walls and/or spillage into buffer zones.

12. BMP - New Operators, and/or Operations

- a. All new operators and/or operations added after the EDP shall meet the following minimum requirements:
 - i. All new operators not included as a co-permittee shall submit a technically complete application a minimum of ninety (90) calendar days prior to the startup of operations.
 - ii. All new operators and/or operations shall be located in areas with drainage control.
 - iii. All BMPs shall be fully implemented prior to startup of the operation.
 - iv. If the new operator will be included as a co-permittee then Recycling Technology Development, LLC shall immediately update the SPPP as needed.

13. BMP - Scrap Metal Management

- a. The permittee shall only handle ferrous and non-ferrous scrap metal.
- b. Scrap metal shall only be stored, and/or processed in a "no discharge" area or in an area with drainage control.

- c. Drainage control shall be established in all areas of industrial activity involving the management of the scrap metal.
- d. Drainage control shall ensure the following:
 - i. All stormwater from areas of industrial activities at the scrap metal management areas shall be directed to Outfall SP&A; or,
 - ii. Stormwater shall be collected and reused in accordance with applicable State regulations and State and Local guidelines; or,
 - iii. Stormwater shall be collected and managed as process wastewater in accordance with applicable Federal, State and Local regulations and ordinances.

14. BMP - Thermal Desorb Operation

- a. Operators of the LTTD shall either be the permittee or co-permittee of this permit prior to operations of the LTTD or shall comply with b. below.
- b. An operator of the LTTD shall obtain a NJPDES stormwater permit from the Department prior to operating the LTTD.

15. BMP - Transfer Station/Materials Recovery Facility (TSMRF)

- a. Operators of the TS/MRF shall either be the permittee or co-permittee of this permit prior to operations of the TS/MRF or shall comply with b. below.
- b. An operator of the TS/MRF shall obtain a NJPDES stormwater permit from the Department prior to operating the TS/MRF.

16. BMP - Mobile and Stationery Fueling Tanks and Operations

- a. Standard operating procedures shall be established to eliminate/minimize the discharge of stormwater exposed to vehicle and/or machinery fuels.
- b. Absorbent material shall be located within close proximity of any permanent or remote fueling tanks and/or operation.
- c. Standard operating procedures shall be established to ensure overfill protection of mobile and stationery tanks during fuel transfers.
- d. Leaks and spills shall be immediately cleaned up and contaminated soils shall be immediately excavated.
- e. If the permittee contracts this task to a service contractor, the permittee shall ensure that the service contractor complies with this BMP.

17. BMP - Buffer Zones/Sediment Control

- a. All buffers and sediment barriers shall meet the minimum requirements listed in the Standards for Soil Erosion and Sediment Control in New Jersey manual.
- b. Permitted outfalls may be located within the buffer zone provided this does not conflict with other program requirements.

- c. Within ninety (90) days of the EDP, the permittee shall establish a temporary sediment barrier along Crows Mill Road beginning at the site entrance and extending to the property line at Bayview Avenue, along both sides of Kinsey Creek from the railroad to the Raritan River and along the bank of the Raritan River on the south end of the site. The temporary barrier may be silt fencing, hay bales or stone.
- d. Within twelve (12) months of the EDP, the permittee shall establish permanent buffers zones to replace the temporary barriers described above.
- e. The permanent buffers zones shall include permanent buffers or sediment barriers (unless the buffer zone is graded to direct stormwater back within the site boundaries or to a regulated outfall). The permanent buffer zones shall be placed along both sides of Kinsey Creek.
 - i. The permittee shall establish permanent buffers or sediment barriers along both sides of Kinsey Creek from the culvert closest to Bayview Avenue to the Raritan River.
 - ii. If used, permanent vegetative filter strips or vegetative swales shall be a minimum width of twenty-five (25) feet measured perpendicular from the bank of Kinsey Creek.
 - iii. Permanent sediment barriers shall be designed to prevent stormwater from running underneath or around the barriers.
 - iv. Permanent sediment barriers shall also include silt fencing on the downstream side of the sediment barrier.
- f. If industrial materials and activities resume in the area bordered by Crows Mill Road and Bayview Avenue then the permittee shall be in compliance with f.i. - f.iv. The permanent buffers zones shall include permanent buffers or sediment barriers (unless the buffer zone is graded to direct stormwater back within the site boundaries or to a regulated outfall). The permanent buffer zones shall be placed along Crows Mill Road beginning at the site entrance and extending to the property line at Bayview Avenue.
 - i. The permittee shall establish permanent buffers or sediment barriers along Crows Mill Road beginning at the site entrance and extending to the property line at Bayview Avenue.
 - ii. If used, permanent vegetative filter strips or vegetative swales shall be a minimum width of twenty-five (25) feet measured perpendicular from the fenceline along Crows Mill Road.
 - iii. Permanent sediment barriers shall be designed to prevent stormwater from running underneath or around the barriers.
 - iv. Permanent sediment barriers shall also include silt fencing on the downstream side of the sediment barrier.
- g. The permittee shall inspect the buffer zones, buffers and barriers after each storm event and at least monthly looking for evidence of breakthrough and/or other failures of the selected BMPs and shall take immediate corrective action. Each inspection shall be recorded on a log and kept on file as part of the site SPPP.
- h. The permittee shall either establish a permanent buffer zone along the Raritan River in accordance with this section or shall grade the area along the Raritan River to divert stormwater discharges away from the river or to a regulated outfall.

18. BMP - Barge Loading/Unloading

- a. A barge loading/unloading system shall be fully implemented prior to performing any loading/unloading operations.

- b. The loading/unloading work area shall be clearly marked prior to loading/unloading the barge.
- c. Water-only wheel washing/under carriage washing equipment and procedures shall be fully implemented to prevent tracking of materials outside of the barge loading/unloading work area.
 - i. At a minimum, this shall include power washing and mechanical scraping/scrubbing capabilities.
- d. Barge loading/unloading of dry aggregate (except for aggregate that is easily entrained in air or easily dispersed by impact) shall have the following minimum requirements:
 - i. Curtains or other types of barriers to cover the gap between the barge and the bulkhead and that capture any spilled materials being loaded/unloaded and prevents them from entering the river.
 - ii. Curtains or other types of barriers shall be designed to adjust as needed as the barge rises and/or lowers during loading/unloading of the barge or during tide changes.
 - iii. Curtains or other types of barriers shall be installed on the starboard and port side of the barge deck to prevent barged materials from entering waters of the State during loading/unloading operations. The barrier may be permanently affixed to the barge or temporarily installed and removed during and after off loading activities.
 - iv. Implement BMPs for fugitive emissions and dust/erosion control.
 - v. All staged materials being loaded/unloaded shall be temporarily placed in containment during the entire loading/unloading operation. Containment measures selected shall be based on the nature of the material being offloaded and must effectively prevent the movement of materials that may enter waters of the State.
 - vi. Prevent buildup of materials by routine cleanup of any materials that are spilled on the barge deck, gunwhales and other surfaces where spilled materials can collect during the loading/unloading operation.
 - vii. Fugitive emissions and dust/erosion control BMPs shall remain in effect until all materials are loaded/unloaded and properly stored.
 - viii. If used, conveyors shall be covered and leak proof.
 - ix. Additional procedures may be required when using clamshells, open buckets or other uncovered conveying mechanisms to prevent materials from entering waters of the State.
- e. Barge loading/unloading of materials that are easily entrained in air or dispersed by impact (including but not limited to fly ash, talc, limestone and powders), dredge materials, slurries or wet materials.
 - i. The permittee shall implement i-vii above in addition to the other requirements ii-vii below.
 - ii. The materials shall be offloaded from the barge into an enclosed system from the point of entry to final storage location.
 - iii. For slurries, wet materials and dredge materials, the equipment used to unload from the barge to the enclosed system shall be watertight.
 - iv. The materials shall be stored in a silo, tank, leak proof container, other enclosed containment structure or enclosed building with an impervious base.
 - v. Venting of the enclosed loading/unloading systems and storage structures shall be filtered to minimize fugitive emissions.

- vi. Slurries, wet materials and dredge materials shall be dewatered prior to moving to any storage outside of an enclosed system or outside of a containment area.
- vii. All water captured as a result of dewatering shall be returned to the barge, reused or collected and managed as a process wastewater.

19. BMP - Indoor Operations (including but not limited to Bldg. 11- C, TS/MRF Bldg., Oil-contaminated Soils Bldg.)

- a. There shall be no stormwater and/or process wastewater discharges from the buildings.
- b. All water collecting in the buildings shall either be reused and/or managed as process wastewater.
- c. BMPs shall be implemented to prevent tracking of materials from the buildings.

D. Operations and Maintenance

1. Facility and BMP Operation and Maintenance

- a. The permittee shall be responsible for supervising and managing the operation and maintenance of this facility. This requires implementing BMPs that must be installed or used by the permittee to achieve compliance with the SPPP. 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.
- b. The operation and maintenance activities shall be verified through the certification and annual reporting requirements of Part IV.F.
- c. Frequent and thorough inspections, at a frequency of at least quarterly, are necessary to ensure adequate functioning of control measures. Inspections are recommended to be conducted during dry periods as well as storm events.
 - i. Inspections during dry periods allow facilities to identify and address any problems prior to a storm event, thereby minimizing the chance for stormwater contamination.
 - ii. Inspections during significant storm events ensure that measures are functioning as originally intended and provide an opportunity for facilities to observe what materials and/or activities are exposed to stormwater.

2. Soil Erosion Sediment Control Plan

- a. For construction activities disturbing one (1) acre or more of total land area, authorization shall be obtained under either a modification to this permit or under NJPDES Permit No. NJ0088323 (Construction Activity Stormwater General Permit), for stormwater from such construction activities that would be discharged to surface waters.
- b. Land disturbances that may result in a stormwater discharge authorized by this permit, shall be executed only in accordance with a soil erosion and sediment control plan certified pursuant to N.J.S.A. 4:24-43, or requirements for soil erosion and sediment control established in or pursuant to a municipal ordinance in accordance with N.J.S.A. 4:24-48, whichever is applicable.
- c. A copy of this plan shall be retained by the permittee for a period of at least five (5) years after the completion of construction.

3. Adding and/or Moving Operations

- a. The permittee shall provide written notice to the Department when modifying, adding and/or deleting other permits or permit conditions, including but not limited to, changes to air and solid waste permits. The written notice shall include a summary of the proposed changes.
- b. Written notice shall be submitted to the Department no less than ninety (90) days prior to implementation of the proposed permit changes.
- c. Written notice shall be submitted to the Department no less than ninety (90) days prior to moving an operation to another onsite location. This does not include operation of the mobile crusher which may need to be relocated within the boundaries of the aggregate crushing/recycling operation.

4. Activities That Require Separate and/or Additional Permits

- a. Operators proposing any of the following activities shall be prohibited as a permittee or co-permittee under this permit and shall have a separate permit for these activities: receiving, processing and/or storage of medical waste, food waste and/or composting activities, including but not limited to receiving, loading/unloading, mixing, storing, blending and sorting of these materials.
- b. The operator for any of the operations and/or activities in a. above shall have an approved NJPDES permit prior to startup of these operations and/or activities.

E. Monitoring

1. Criteria for monitoring a valid storm event

- a. The criteria for a valid storm event is any precipitation that produces a stormwater discharge including discharges from snow melt events.
 - i. The permittee shall monitor its stormwater discharge during a valid storm event from the outfalls designated in the DCP.
 - ii. For stormwater that accumulates during a storm event in a containment area impoundment or other device that controls the discharge, the facility shall monitor its stormwater at the time of the discharge.
 - iii. Wet basin must be monitored whenever there is a discharge.
- b. Sampling a Snowmelt Event
 - i. If the snowmelt results in a discharge, the permittee may collect a sample of the snow melt as part of the site monitoring requirements.
 - ii. Snowmelt samples must be representative of the area of industrial activity. Samples may not be collected from snow stockpiles from non-industrial areas of the facility.
 - iii. The permittee shall only sample one snow melt event per calendar year.

2. Monitoring Locations

- a. Samples shall be taken in compliance with the specified monitoring locations in Part III.
 - i. All samples shall be taken at the monitoring points specified above, and in all cases be before the effluent joins or is diluted by any other wastestream, body of water or substance.

- b. Monitoring locations shall not be changed without notification to and the approval from the Department.
- c. Monitoring locations shall be included on the DCP map as detailed in Part IV.B.

3. Monitoring Schedule

- a. Samples shall be collected in accordance with the sampling frequency established by the Department in Part III.

4. Collection and Analysis of Samples

- a. Stormwater samples shall be collected within 30 minutes of the stormwater discharge or as soon thereafter as practicable.
- b. The facility can collect their own sample.
- c. Samples shall be analyzed by a New Jersey certified laboratory (N.J.A.C 7:18).
- d. All samples shall be analyzed in accordance with approved U.S. Environmental Protection Agency (EPA) methods contained in 40 CFR Part 136, unless otherwise specified in the footnotes in Part IV.A.
- e. 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, the maximum values of all analytical results taken during the sampling period shall be reported. In addition, if an average value is required to be reported, all sample results shall be used when calculating the average. However, for pH, both minimum and maximum values are reported.
- f. 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.
- g. The permittee can sample pH using the Department pH alternate sampling protocol (Attachment 2). Analytical results for pH shall be reported on a WCR.

F. Inspections, Reports and Submissions

1. Stormwater Monitoring Report Forms (MRFs)

- a. Sampling results shall be summarized and reported in accordance with the requirements contained in Part III of this permit on the appropriate monitoring report forms mailed separately by the Bureau of Permit Management.
- b. If the permittee finds that the pre-printed MRFs they receive from the Department contain errors from the monitoring and reporting requirements contained in Part III, the permittee should contact the Bureau of Nonpoint Pollution Control at (609) 633-7021.
- c. The permittee is required to monitor its stormwater discharge and submit appropriate MRFs to the Department in accordance with conditions of permit even if pre-printed MRFs contain errors.
- d. The permittee shall make hand corrections to the MRFs if corrected forms are not received prior to the monitoring report due date.

2. Reporting Storm Event Information

- a. In order for the Department to better assess the monitoring results provided by the permittee, the Department requires that storm event information is recorded and reported along with monitoring results.
- b. The permittee shall record and submit the following storm event information on the appropriate MRFs provided by the Department:
 - i. date of storm event;
 - ii. time storm event began;
 - iii. storm event duration;
 - iv. time of sample collection;
 - v. rainfall amount at time of sampling (an estimate of the inches of rainfall or snowfall, which can be based upon such data as recorded by a local weather monitoring station(s) or an onsite maintained monitoring station);
 - vi. date of sample collection;
 - vii. type of storm event (rain or snowmelt); and
 - viii. pH of rain (optional).

3. Reporting "No Discharge"

- a. If a discharge does not occur during a particular reporting period, the permittee should check "No Discharge this monitoring period" on the MRF transmittal sheet for each discharge monitoring location which had "no discharge"
- b. The Department shall compare all reports of "No Discharge" against information provided by Premium AccuWeather services (https://wwwl.accuweather.com/premium_login.php) to determine if a discharge has occurred.

4. MRF Submittals

- a. Unless otherwise specified or directed, signed copies of required MRFs shall be submitted postmarked no later than the 25th day of the calendar month following the completed monitoring period to the address given below:
 - i. New Jersey Department of Environmental Protection
Bureau of Permits Management
P.O. Box 029
Trenton, New Jersey 08625-0029
Attn. Monitoring Reports
- b. Submitting MRFs
 - i. The permittee shall submit quarterly MRFs. Quarterly monitoring begins on the first full calendar quarter after the EDP.
- c. The permittee may also participate in electronic reporting of the MRFs via NJ Online with the Electronic Discharge Interchange (EDI) system. Follow the directions in the NJPDES Monitoring Report Form Manual to participate.

5. Annual Inspections, Reports, and Recertifications

- a. The permittee shall conduct annual inspections of the facility in accordance with N.J.A.C. 7:14A-24.9(a) to assess all areas contributing to the stormwater discharge authorized by this permit, to evaluate whether the SPPP complies with and is implemented in accordance with this permit, and whether additional measures are needed to meet the conditions of this permit.
- b. The permittee shall prepare an annual report.
- c. The annual report shall be completed prior to the annual recertification submission date.
- d. The annual report shall be retained by the permittee in accordance with Part IV.G for a period of at least five (5) years.
- e. Submit an Annual Report: by June 1 of each year beginning from the effective date of the permit (EDP).
- f. The annual report shall be submitted with the annual recertification. This certification form is available on the Department website at <http://www.state.nj.us/dep/dwq/forms.htm#stormforms>.
- g. The annual report shall summarize the findings of the annual inspection in accordance with a. above, including:
 - i. The date of the inspection; and
 - ii. Name(s) and title of the inspector(s).
- h. The annual report shall include a summary comparing the MRF data with the design criteria. This summary shall include:
 - i. An explanation of two (2) or more exceedances of the design criteria for the same parameter;
 - ii. Changes and/or upgrades to BMPs to meet design criteria, and
 - iii. A discussion of the effectiveness of the BMP changes and/or upgrades.
- i. The permittee shall annually certify on a form provided by the Department that the facility has completed their annual report as specified above and is in compliance with the SPPP and this permit.
 - i. Submit the Generic Certification Form certifying that the annual inspection was conducted: by June 1 of each year beginning from the effective date of the permit (EDP).
 - ii. Any incident of non-compliance shall be identified in the certification. This shall include the steps being taken to remedy the non-compliance, and to prevent such incidents from recurring.
 - iii. If updated, copies of the SPPP shall be submitted to the Bureau of Nonpoint Pollution Control with the annual certification.

6. Submittal-List of Operators and/or Activities

- a. The permittee shall submit a complete page 2 of Attachment 3 by January 25th of each calendar year.
- b. The permittee shall submit to the Department Page 1 of Attachment 3 (and page 2 if there are any changes to the previously submitted list) by the 25th day of each calendar month beginning from the EDP.
- c. The permittee shall contact the Department sixty (60) days prior to adding new operators to the monthly list.

G. Record Keeping

1. Record Keeping Requirements

- a. The permittee shall retain records of all monitoring information, maintenance records, and copies of all reports required by this permit for a period of at least five (5) years.

2. SPPP Record Keeping Requirements

- a. The SPPP shall be signed by the permittee, and the original shall be retained at the facility for use by the facility and inspection by the Department.
- b. The SPPP shall be made available, upon request, to a representative of the Department and to the owner and operator of any municipal separate storm sewer receiving the stormwater discharge.
- c. The SPPP shall be made available to the public upon request, except as noted below.
- d. The facility may claim any portion of the SPPP as confidential in accordance with the provisions set forth in N.J.A.C. 7:14A-18.2.

3. Soil Erosion and Sediment Control Plan Record Keeping

- a. If the permittee is required to implement a Soil Erosion and Sediment Control Plan as a result of construction activities or land disturbance greater than or equal to one (1) acre, a copy of the plan shall be retained by the permittee for a period of at least five (5) years after the completion of construction.

H. Custom Requirement

- a. The permittee shall use the attached new form for reporting of Operators and Site Activities.
- b. Within forty-five (45) days of the EDP, the permittee shall submit the following information:
 - i. the "associated collection system" used to comply with Part IV.C.1.d.v.
 - ii. management of leaked waste to comply with Part IV.C.1.d.vi., e.ii. and e.iv.
- c. Within thirty (30) days of the EDP the permittee shall clearly mark and maintain a square around the manway inside the Converted Organics Building until the manway is permanently sealed.
- d. Within twelve (12) months of the EDP, the permittee shall do the following:
 - i. permanently seal the manhole inside the building
 - ii. provide written description of method used to seal the manhole.



New Jersey Department of Environmental Protection
 Division of Water Quality
 Bureau of Nonpoint Pollution Control
 P.O. Box 029
 Trenton, NJ 08625-0029
 Tel: 609-633-7021 / Fax: 609-984-2147
http://www.state.nj.us/dep/dwq/bnpc_home.htm



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 Stormwater General Permit (NJ0108456)
- Scrap Metal Processing/Auto Recycling General Permit (NJ0107671)
- Hot Mix Asphalt Producers Stormwater General Permit (NJ0132721)
- Newark Airport Complex Stormwater General Permit (NJ0134791)
- Concentrated Animal Feeding Operation General Permit (CAFO) (NJ0138631)
- Mining & Quarrying Activity Stormwater 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 document 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 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."

"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.

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 http://www.state.nj.us/dep/dwq/bnpc_home.htm or by telephone at (609) 633-7021.

CERTIFICATION FORM INSTRUCTIONS

This Certification Form replaces the certification forms required by the NJPDES stormwater permits listed in Section A.

Additional copies of the Certification Form and Instructions can be downloaded from http://www.state.nj.us/dep/dwq/bnpc_home.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
(Unless otherwise specified in the permit)

	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 Manufacturing Stormwater General Permit (NJ0108456)	Within 6 months from EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Scrap Metal Processing/Auto Recycling 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 Stormwater 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 Stormwater 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
Concentrated Animal Feeding Operation General Permit (NJ0138631)	March 1, 2004	March 1, 2006	February 1st of each year, beginning 48 months from EDP
Mining & Quarrying Activity Stormwater 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 in the permit)

	Drainage Control Plan (DCP) Due Date
Concrete Products Manufacturing Stormwater General Permit (NJ0108456)	Within 6 months from EDPA, submitted with the Certification Form
Hot Mix Asphalt Producers Stormwater 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 Activity Stormwater 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_storm.htm.
- 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

A Responsible Official is defined in N.J.A.C. 7:14A – 4.9 as follows:

For a corporation: 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 the manager of one or more manufacturing, production, or operating facilities, provided:

- (1) The manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of recommending major capital investment, initiating and directing comprehensive measures to assure long term compliance with environmental laws and regulations, and ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; or
- (2) The 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.

For a government agency: A ranking elected official; or the chief executive officer of the agency; or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator).

A duly authorized representative as defined in N.J.A.C. 7:14A – 4.9(b).

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 Stormwater General Permit (NJ0108456)
- Scrap Metal Processing/Auto Recycling General Permit (NJ0107671)
- Hot Mix Asphalt Producers Stormwater General Permit (NJ0132721)
- Newark Airport Complex Stormwater General Permit (NJ0134791)
- Concentrated Animal Feeding Operation (CAFO) General Permit (NJ0138631)
- Mining & Quarrying Activity Stormwater 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: _____



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code 401-02B
Division of Water Quality
Office of Permit Management
P.O. Box 420 – 401 E State St
Trenton, NJ 08625-0420
Phone: (609) 984-4428 / Fax: (609) 777-0432

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

NJPDES PERMIT APPLICATION NOTICE OF ADMINISTRATIVE COMPLETENESS

April 12, 2016

MS. VALERIE MONTECALVO
RECYCLING TECHNOLOGY DEVELOPMENT LLC
PO BOX 290 - 75 CROWS MILL RD
KEASBEY, NJ 08832

Re: Stormwater Discharge Renewal Permit Action
Cat: RF -Stormwater
NJPDES NJ0132209
BAYSHORE RECYCLING CORP
Woodbridge Twp, Middlesex County

Dear Ms. Montecalvo:

Your application dated March 29, 2016 and received on 04/01/2016 is administratively complete. Accordingly, it has been forwarded to the Bureau of Nonpoint Pollution Control for technical review. Any further inquiries concerning technical review of your application or the status of permit issuance should be directed to the Bureau of Nonpoint Pollution Control which may be contacted by calling (609) 633-7021. When making phone inquiries please refer to the NJPDES number and subject matter. Please note that during technical review, your reviewer may request further information.

In the event that the Department is unable to issue a new permit with an effective date on or before the expiration date of your current permit, pursuant to N.J.A.C. 7:14A-2.8(a) the conditions of an expired permit are continued in force until the effective date of a new permit provided a permittee submits a timely and complete permit application for renewal.

Please be advised that checklists and forms are revised from time to time. Before making any future submissions please contact our website at <http://www.nj.gov/dep/dwq/forms.htm> or contact me at (609) 984-4428 or via email at Debbie.Esposti@dep.nj.gov, for updated checklists and forms.

Sincerely,

Debbie Esposti
Office of Permit Management

cc: Christopher Gulics, PS&S

APPENDIX C

Approval of Fire Control Plan

Keasbey Bureau of Fire Prevention

Woodbridge Township Fire District No. 4
420 Smith Street, Keasbey, NJ 08832
Phone 732-738-3780 Fax 732-738-3752

William S. Drake
Fire Official

MEMORDANDUM

TO: Woodbridge Planning Board

FROM: William S. Drake, Fire Official
Woodbridge Fire District No. 4 – Keasbey

DATE: June 4, 2019

RE: Application No.: P18-12
Stericycle Inc c/o Paul Schonfeld
Blocks 41.03/51 Lots: 1.012, 3.02, 4.01 & 4.02/1.02,2,2.01& 2.03
75 Crows Mill Road, Keasbey, NJ
Preliminary/Final Major Site Plan

Please be advised that I have reviewed the above noted revised Preliminary/Final Major Site Plan, revision date May 16, 2019, memorandum prepared by CME Associates dated May 24, 2019, and memorandum submitted by this agency, dated May 11, 2018.

I find that the revised plans and above noted documents are in compliance with the Planning Board Approval and Resolution dated July 25, 2018.

There are several items noted to be “locations to be approved by the Fire Official”; these items will be coordinated with the applicant at the time of construction.

Please contact this office should there be any further questions.