



State of New Jersey

PHILIP D. MURPHY
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code - 501-02A

SHAWN M. LATOURETTE
Commissioner

SHEILA Y. OLIVER
Lt. Governor

Bureau of NJPDES Stormwater Permitting and Water Quality Management

P.O. Box 420 – 501 E State St., 1st Flr.
Trenton, NJ 08625-0420

Phone: (609) 633-7021 / Fax: (609) 777-0432
http://www.state.nj.us/dep/dwq/bnpc_home.htm

November 25, 2022

Re: Final Stormwater Discharge New Master General Permit
Cat: WRC -Wood Waste Recycling and Leaf Composting (GP)
NJPDES: NJ0324183 PI ID #: 50577
NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST
Trenton City, Mercer

Dear Interested Party:

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. The Wood Waste Recycling and Leaf Composting General Permit (WRC) authorizes the discharge of stormwater to surface and ground waters of the State from facilities that performing these operations. This permit action is effective January 1, 2023. The final WRC General Permit and supporting documents are posted at <https://www.nj.gov/dep/dwq/wrc.htm>.

No official written comments were received on the draft action during the comment period. Therefore, the right by you, or any third party, to contest the permit conditions in an adjudicatory hearing is hereby waived pursuant to N.J.A.C. 7:14A-15.13. The following Department initiated changes have been made to the final permit;

- The Department made a grammatical change to Part II.C.5.a.
- The Department clarified the condition at Part IV.D.3.b so that it is clear that the permittee is required to conduct quarterly stream scouring inspections which can be conducted simultaneously with other required site inspections.
- The Department removed the words “when possible” from Part IV.E.2.g.i to make the condition clear, specific, and measurable.
- The Department removed the specified erosion control BMPs listed at Part IV.G.3.c.i and replaced them with more general language to give the permittee more flexibility in meeting the requirement.

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.

Questions or comments regarding the final permit action should be addressed to Tim Ebersberger at Timothy.Ebersberger@dep.nj.gov.

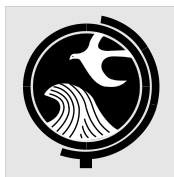
Sincerely,

Gabriel Mahon, Chief
Bureau of NJPDES Stormwater Permitting and Water Quality Management

Enclosures

c: NJPDES Permit Authorization

WRC Final Master General Permit



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: NJ0324183

Final: Stormwater Discharge New Master General Permit

Permittee:

NJPDES Master General Permit
Program Interest Group WRC
501 East State Street
Trenton, NJ 08625

Co-Permittee:

Property Owner:

NJPDES Master General Permit
Program Interest Group WRC
501 East State Street
Trenton, NJ 08625

Location Of Activity:

NJPDES Master General Permit
Program Interest Group WRC
501 East State Street
Trenton, NJ 08625

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
WRC - Wood Waste Recycling and Leaf Composting (GP)	11/25/2022	01/01/2023	12/31/2027

By Authority of:
Commissioner's Office

Gabriel Mahon, Bureau Chief
Bureau of NJPDES Stormwater Permitting and Water Quality Management

(Terms, conditions and provisions attached hereto)

PART I

GENERAL REQUIREMENTS:

NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e., 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	N.J.A.C. 7:14A-6.10 & 6.8(h)
Hotline/Two Hour & Twenty-four-Hour Reporting	N.J.A.C. 7:14A-6.10(c) & (d)
Written Reporting	N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
Duty to Provide Information	N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
Schedules of Compliance	N.J.A.C. 7:14A-6.4
Transfer	N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated by Reference

1. Additional Requirements for Stormwater Discharges

- a. In addition to the conditions in Part I of this permit, the conditions in this section are applicable to activities at the permitted location and are incorporated by reference. The permittee is required to comply with the regulations which are in effect as of the effective date of the final permit.
 - i. Conditions for General Permits at N.J.A.C. 7:14A-6.13;
 - ii. Additional Requirements for Certain Stormwater Discharges at N.J.A.C. 7:14A-24;
 - iii. Requirements for Discharges to Ground Water at N.J.A.C. 7:14A-7;
 - iv. Implementation element of the Pinelands Comprehensive Management Plan at N.J.A.C. 7:50;
 - v. Recycling Regulations at N.J.A.C. 7:26A; and
 - vi. National Pollutant Discharge Elimination System (NPDES) Electronic Reporting rule at 40 CFR Part 127.

B. General Conditions

1. Scope

- a. The issuance of this permit shall not be considered as a waiver of any applicable federal, state, and local rules, regulations, and ordinances.
- b. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed, or revoked by the Department.

2. Notification of Non-Compliance

- a. The permittee shall notify the Department of any non-compliance when required in accordance with N.J.A.C. 7:14A-6.10 by contacting the DEP Hotline at 1-877-WARN-DEP.
- b. The permittee shall submit a written report as required by N.J.A.C. 7:14A-6.10 within five days.

3. Notification of 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 of 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 set forth at N.J.A.C. 7:14A-16.2 pertaining to the notification of change in ownership.

4. Access to Information

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

5. Operator Certification

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

6. Other Discharges

- 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, or process water. If the facility generates any discharge other than those authorized by this permit, the permittee shall discontinue such discharges and apply for the appropriate NJPDES permit in accordance with the NJPDES rules at N.J.A.C. 7:14A.

7. Standard Reporting Requirements - Electronic Submission of NJPDES Information

- a. The permittee shall electronically submit all documents and reports as required by this permit, including but not limited to those below, through the Department's designated electronic submission service:
 - i. Monitoring Report Form (MRF) data submission; and
 - ii. Annual report and certification.

C. Eligibility

1. Authorized Discharges

- a. This permit only authorizes new and existing stormwater discharges to surface water and ground water from:
 - i. Recycling activities in which tree branches, tree limbs, tree trunks, brush, and other wood waste that has not been chemically treated, glued, dyed, or painted are received, stored, processed, and transferred. Processing shall be limited to chipping, grinding, screening, and size reduction; and
 - ii. Composting activities in which grass clippings, leaves, and wood chips (not chemically treated, glued, dyed, or painted) are received, stored, processed, and transferred.

2. Discharges Not Authorized

- a. Stormwater discharges associated with Recycling Centers for Class B and / or Class C Recyclable Materials not included in Part II C.1.a above.
- b. Stormwater discharges from wood waste recycling and composting activities that are comingled with discharges from other stormwater discharges from industrial activities not authorized by this permit.
- c. Stormwater discharges that conflict with a Water Quality Management Plan.
- d. Stormwater discharges to surface waters classified as FW1 waters as designated in the tables at N.J.A.C. 7:9B-1.15.
- e. Stormwater discharges to surface waters classified as Pinelands Waters (PL), as established in the Surface Water Quality Standards, N.J.A.C. 7:9B-1.15 from development that has not been authorized by the Pinelands Commission either through a letter of no further review issued in accordance with N.J.A.C. 7:50-4.40 or a resolution approving an application for public development issued in accordance with N.J.A.C. 7:50-4.56.
- f. Stormwater discharges to ground water classified as Class 1-A and 1-PL which contribute to surface waters classified as FW1 or PL respectively.

3. Exclusions

- a. Any owner, operator, and/or discharger authorized under this general permit may request to be excluded from the coverage of the general NJPDES permit by applying for an individual permit. The owner, operator, and/or discharger shall submit an application to the Department demonstrating compliance with N.J.A.C. 7:14A-4 and shall submit a justification supporting the request. The request shall be processed under the application procedures set forth at N.J.A.C. 7:14A-15, 16 and 17. The request shall be granted via individual permit issuance if the reasons cited by the owner, operator, and/or discharger are adequate to support the request.
- b. An owner, operator, and/or discharger excluded from this general NJPDES permit solely because of an existing individual permit may request that the individual permit be revoked or modified, as appropriate, and

that the discharge be authorized by the general NJPDES permit. Upon revocation or modification of the individual permit, the permittee shall be authorized under the general permit.

4. Authorization

- a. In order to obtain authorization under this permit (except for automatic renewal authorization below), a complete Request for Authorization (RFA) shall be submitted and include the following: A completed NJPDES 1 Form, a completed Supplemental Application Form for this permit category, and any other information as required by the Department. See https://www.nj.gov/dep/dwq/forms_storm.htm for forms.
- b. Upon review of the RFA, the Department may, in accordance with N.J.A.C. 7:14A-6.13, either:
 - i. Issue notification of authorization under this permit;
 - ii. Deny authorization under this permit and require submittal of an application for an individual permit; or
 - iii. Deny authorization under this permit and require submittal of an RFA for another general permit.
- c. The Department may notify a person that the discharge is authorized under a general permit, even if the person has not submitted an RFA. A person, as notified above, may nonetheless request an individual permit under C.3 above.

5. Automatic Renewal of Authorization

- a. Authorization under this permit will be automatically renewed when this general permit is reissued as provided by N.J.A.C. 7:14A-6.13(d)9 and 25.4(a)3 so long as the discharge remains eligible.
- b. The Department shall issue a notice of renewed authorization to the facility.
- c. A permittee shall provide a corrected RFA to the Department within 90 days of the effective date of a renewed authorization under this general permit if any information in its most recently submitted RFA is no longer true, accurate, and/or complete.

6. Requiring an Individual Permit or another General Permit

- a. Pursuant to N.J.A.C. 7:14A-6.13(e), the Department may require any facility authorized under this permit to apply for and obtain an individual permit or seek and obtain authorization under another general permit.
- b. In accordance with N.J.A.C. 7:14A-6.13(g), any facility authorized under this permit may request to be excluded from authorization under this permit by applying for an individual permit or for another general permit.

PART III

LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION:

01GW Example GW Discharge

RECEIVING STREAM:STREAM CLASSIFICATION:DISCHARGE CATEGORY(IES):WRC - Wood Waste Recycling and Leaf
Composting (GP)**Location Description**

The addition of this monitored location will be determined by the submission of the Drainage Control Plan and is for stormwater discharges to ground water from the regulated wood waste recycling and leaf composting operation. Each discrete discharge point to ground water will receive its own unique monitored location designator.

Contributing Waste Types

Storm Water Runoff

Ground Water DMR Reporting Requirements:

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

Table III - A - 1: Ground Water DMR Limits and Monitoring Requirements**PHASE:** Final**PHASE Start Date:****PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Minutes After Disch. Sample Collected	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Report Per Event	MINUTES	1/Quarter	Not Applicable
January thru December	DCL	***	***		***	***	30			
Date of Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time Storm Event Began	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Storm Event Duration	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			

Ground Water DMR Reporting Requirements:

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

Table III - A - 1: Ground Water DMR Limits and Monitoring Requirements
PHASE: Final

PHASE Start Date:
PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Hours Since Last Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Rainfall Amount at Time of Sampling	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# INCHES	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time of Sample Collection	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Date of Sample Collection	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
pH	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	REPORT Daily Minimum	*****	REPORT Daily Maximum	SU	1/Quarter	Grab
January thru December	DCL	***	***		6.5	***	8.5			
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	DCL	***	***		***	***	3			

Ground Water DMR Reporting Requirements:

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

Table III - A - 1: Ground Water DMR Limits and Monitoring Requirements
PHASE: Final

PHASE Start Date:
PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Nitrogen, Nitrate Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	10			
E. Coli	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	#/100ML	1/6 Months	Grab
	DCL	***	***		***	***	***			
Solids, Total Dissolved (TDS)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	500			
Petroleum Hydrocarbons	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	***			
Boron, Total (as B)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	***			
Arsenic, Total (as As)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	.003			
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	.07			

Ground Water DMR Reporting Requirements:

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

Table III - A - 1: Ground Water DMR Limits and Monitoring Requirements**PHASE:**Final**PHASE Start Date:****PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	1.3			
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	2			
Pentachlorophenol	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	.0003			

MONITORED LOCATION:

01SW Example SW Discharge

RECEIVING STREAM:STREAM CLASSIFICATION:DISCHARGE CATEGORY(IES):WRC - Wood Waste Recycling and Leaf
Composting (GP)**Location Description**

The addition of this monitored location will be determined by the submission of the Drainage Control Plan and is for stormwater discharges to surface water from the regulated wood waste recycling and leaf composting operation. Each discrete discharge point to surface water will receive its own unique monitored location designator.

Contributing Waste Types

Storm Water Runoff

Surface Water DMR Reporting Requirements:

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

Table III - B - 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	Frequency	Sample Type
Minutes After Disch. Sample Collected	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	MINUTES	1/Quarter	Not Applicable
January thru December	DCL	***	***		***	***	30			
Date of Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time Storm Event Began	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Storm Event Duration	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

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

Table III - B - 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	Frequency	Sample Type
Hours Since Last Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Rainfall Amount at Time of Sampling	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# INCHES	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time of Sample Collection	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Date of Sample Collection	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	DCL	***	***		***	***	30			
pH	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	REPORT Daily Minimum	*****	REPORT Daily Maximum	SU	1/Quarter	Grab
January thru December	DCL	***	***		6.5	***	8.5			

Surface Water DMR Reporting Requirements:

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

Table III - B - 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	Frequency	Sample Type
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	January thru December DCL	***	***		***	***	100			
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	January thru December DCL	***	***		***	***	2.14			
Nitrogen, Nitrate Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	January thru December DCL	***	***		***	***	10			
E. Coli	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	#/100ML	1/6 Months	Grab
	January thru December DCL	***	***		***	***	235			
Chemical Oxygen Demand (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	January thru December DCL	***	***		***	***	120			
Petroleum Hydrocarbons	Effluent Gross Value	*****	*****	*****	*****	10 Monthly Average	15 Daily Maximum	MG/L	1/6 Months	Grab
	January thru December QL	***	***		***	***	***			
Phosphorus, Total (as P)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	January thru December DCL	***	***		***	***	2			

Surface Water DMR Reporting Requirements:

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

Table III - B - 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	Frequency	Sample Type
Boron, Total (as B)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	***			
Arsenic, Total (as As)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	0.34			
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	.092			
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	1.3			
Pentachlorophenol	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	.00027			

MONITORED LOCATION:

02GW Example GW Discharge
PL

RECEIVING STREAM:
STREAM CLASSIFICATION:
DISCHARGE CATEGORY(IES):

WRC - Wood Waste Recycling and Leaf
Composting (GP)

Location Description

The addition of this monitored location will be determined by the submission of the Drainage Control Plan and is for stormwater discharges to ground water from the regulated wood waste recycling and leaf composting operation in the state Pinelands Area. Each discrete discharge point to ground water will receive its own unique monitored location designator.

Ground Water DMR Reporting Requirements:

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

Table III - C - 1: Ground Water DMR Limits and Monitoring Requirements
PHASE: Final

PHASE Start Date:
PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Minutes After Disch. Sample Collected	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	MINUTES	1/Quarter	Not Applicable
January thru December	DCL	***	***		***	***	30			
Date of Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time Storm Event Began	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Storm Event Duration	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			

Ground Water DMR Reporting Requirements:

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

Table III - C - 1: Ground Water DMR Limits and Monitoring Requirements
PHASE: Final

PHASE Start Date:
PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Hours Since Last Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Rainfall Amount at Time of Sampling	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# INCHES	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time of Sample Collection	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Date of Sample Collection	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
pH	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	REPORT Daily Minimum	*****	REPORT Daily Maximum	SU	1/Quarter	Grab
January thru December	DCL	***	***		3.5	***	5.5			
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	DCL	***	***		***	***	3			

Ground Water DMR Reporting Requirements:

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

Table III - C - 1: Ground Water DMR Limits and Monitoring Requirements**PHASE:** Final**PHASE Start Date:****PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Nitrogen, Nitrate Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	2			
E. Coli	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	#/100ML	1/6 Months	Grab
	DCL	***	***		***	***	***			
Solids, Total Dissolved (TDS)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	500			
Petroleum Hydrocarbons	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	***			
Boron, Total (as B)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	***			
Arsenic, Total (as As)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	.003			
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
	DCL	***	***		***	***	.07			

Ground Water DMR Reporting Requirements:

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

Table III - C - 1: Ground Water DMR Limits and Monitoring Requirements**PHASE:**Final**PHASE Start Date:****PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	1.3			
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	2			
Pentachlorophenol	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	.0003			

MONITORED LOCATION:

02SW Example SW Discharge
PL

RECEIVING STREAM:
STREAM CLASSIFICATION:
DISCHARGE CATEGORY(IES):

WRC - Wood Waste Recycling and Leaf
Composting (GP)

Location Description

The addition of this monitored location will be determined by the submission of the Drainage Control Plan and is for stormwater discharges to surface water from the regulated wood waste recycling and leaf composting operation in the state Pinelands Area. Each discrete discharge point to surface water will receive its own unique monitored location designator.

Surface Water DMR Reporting Requirements:

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

Table III - D - 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	Frequency	Sample Type
Minutes After Disch. Sample Collected	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	MINUTES	1/Quarter	Not Applicable
January thru December	DCL	***	***		***	***	30			
Date of Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time Storm Event Began	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Storm Event Duration	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

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

Table III - D - 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	Frequency	Sample Type
Hours Since Last Storm Event	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# HOURS	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Rainfall Amount at Time of Sampling	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	# INCHES	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Time of Sample Collection	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	HHMM	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
Date of Sample Collection	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	YYYYMMDD	1/Quarter	Not Applicable
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	DCL	***	***		***	***	30			
pH	Precipitation	*****	*****	*****	*****	*****	REPORT Report Per Event	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	REPORT Daily Minimum	*****	REPORT Daily Maximum	SU	1/Quarter	Grab
January thru December	DCL	***	***		3.5	***	5.5			

Surface Water DMR Reporting Requirements:

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

Table III - D - 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	Frequency	Sample Type
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	100			
January thru December										
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	2.14			
January thru December										
Nitrogen, Nitrate Total (as N)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	2			
January thru December										
E. Coli	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	#/100ML	1/6 Months	Grab
	DCL	***	***		***	***	235			
January thru December										
Chemical Oxygen Demand (COD)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	120			
January thru December										
Petroleum Hydrocarbons	Effluent Gross Value	*****	*****	*****	*****	10 Monthly Average	15 Daily Maximum	MG/L	1/6 Months	Grab
	QL	***	***		***	***	***			
January thru December										
Phosphorus, Total (as P)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	DCL	***	***		***	***	2			
January thru December										

Surface Water DMR Reporting Requirements:

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

Table III - D - 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	Frequency	Sample Type
Boron, Total (as B)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	***			
Arsenic, Total (as As)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	0.34			
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	.092			
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	1.3			
Pentachlorophenol	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/6 Months	Grab
January thru December	DCL	***	***		***	***	.00027			

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. Footnotes

- a. For the purposes of this NJPDES permit, the stormwater discharges regulated by this permit are not process wastewaters.

B. Definitions

1. Definitions

- a. All words and terms used in this permit shall have meanings as defined in the "Regulations Concerning the New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A), unless otherwise stated or unless the context clearly requires a different meaning.
- b. Terms included in this permit are defined below. N.J.A.C. rule sources are noted where applicable:
 - i. "Brush" means branches, woody plants and other like vegetative material. Leaves and grass do not constitute brush (N.J.A.C. 7:26A-1.3).
 - ii. "Class B recyclable material" means a source separated recyclable material which is subject to Department approval prior to receipt, storage, processing, or transfer at a recycling center in accordance with N.J.S.A. 13:1E-99.34b, and for the purpose of this permit is limited to wood waste.
 - iii. "Class C recyclable material" means a source separated compostable material which is subject to Department approval prior to the receipt, storage, processing, or transfer at a recycling center in accordance with N.J.S.A. 13:1E-99.34b, and for the purpose of this permit is limited to source separated yard trimmings and wood chips from wood waste.
 - iv. "Compostable" means able to undergo physical, chemical, thermal and/or biological degradation under aerobic conditions such that the material to be composted enters into and is physically indistinguishable from the finished compost (humus), and which ultimately mineralizes (biodegrades to carbon dioxide, water, and biomass) in the environment at a rate like that of known compostable materials such as paper and yard trimmings (N.J.A.C. 7:26A-1.3).
 - v. "Composting" means the controlled biological degradation of organic matter to make compost (N.J.A.C. 7:26A-1.3).
 - vi. "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 stormwater treatment and are not established as numeric effluent limitations. Sampling results exceeding the design criteria will not be deemed violations.
 - vii. "EDPA" or "Effective Date of the Permit Authorization" means the date an individual facility's authorization to discharge under this permit becomes effective. The Effective Date of Permit Authorization is found on the facility's Authorization to Discharge page.
 - viii. "Effluent Limitation" means any restriction on quantities, quality, discharge rates and concentration of chemical, physical, thermal, biological, radiological, and any other constituents of pollutants established by permit, or imposed as an interim effluent limit

pursuant to an administrative order, including an administrative consent order (N.J.A.C. 7:14A-1.2).

- ix. "FW1" means those fresh waters, as designated in N.J.A.C. 7:9B-1.15(j), that are to be maintained in their natural state of quality (set aside for posterity) and not subjected to any man-made wastewater discharges or increases in runoff from anthropogenic activities. These waters are set aside for posterity because of their clarity, color, scenic setting, other characteristic of aesthetic value, unique ecological significance, exceptional recreational significance, or exceptional water supply significance (N.J.A.C. 7:14A-1.2).
- x. "Ground water discharge point" means the lowest invert elevation of any stormwater facility where stormwater discharges into the surficial ground water aquifer.
- xi. "Monthly Monitoring" means monitoring conducted at a minimum frequency of once every calendar month (N.J.A.C. 7:14A-1.2).
- xii. "Outfall" means any point source which discharges directly to waters of the United States or into another stormwater system which ultimately discharges directly to waters of the United States and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the United States and are used to convey waters of the United States (N.J.A.C. 7:14A-1.2).
- xiii. "Overland flow" means the controlled discharge, by spraying or other means, of pollutants onto sloping land with maintained vegetation where a proportion of the wastewater may appear as runoff. Overland flow is also the movement of pollutants across the surface of the land where infiltration may occur (N.J.A.C. 7:14A-1.2).
- xiv. "Pinelands waters" means all waters within the boundaries of the Pinelands Area, except those waters designated as FW1 in N.J.A.C. 7:9B-1.15(j), as established in the Pinelands Protection Act (N.J.S.A. 13:18A-1 et seq.) and shown on Plate 1 of the "Comprehensive Management Plan" adopted by the New Jersey Pinelands Commission in November 1980 (N.J.A.C. 7:14A-1.2).
- xv. "Quarterly Monitoring" means monitoring conducted at a minimum frequency of once every three calendar months (N.J.A.C. 7:14A-1.2). Quarters for the purposes of this permit align with the calendar quarters.
- xvi. "Recycling center for Class B recyclable materials" or "Class B recycling center" means a facility that receives, stores, processes, or transfers Class B recyclable materials (N.J.A.C. 7:26A-1.3).
- xvii. "Recycling center for Class C recyclable materials" or "Class C recycling center" means a facility that receives, stores, processes, or transfers Class C recyclable materials (N.J.A.C. 7:26A-1.3).
- xviii. "Source materials" means any materials or machinery located at the facility and directly or indirectly related to process or other industrial activities which could be a source of pollutants in a stormwater discharge associated with industrial activity that is subject to N.J.A.C. 7:14A-24.2. Source materials include but are not limited to raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels; and lubricants, solvents, and detergents that are related to process or other industrial activities. Materials or machinery that are not exposed to stormwater are not "source materials".
- xix. "Valid storm event" means any precipitation that produces a stormwater discharge including discharges from snowmelt events.
- xx. "Wood waste" means source separated whole trees, tree trunks, tree parts, tree stumps, brush, and lumber (not chemically treated, glued, dyed, or painted).

- xxi. "Yard trimmings" means grass clippings, leaves, wood chips from tree parts, and brush.
(N.J.A.C. 7:26A-1.3).

C. Acronyms

1. Stormwater Acronyms included in this permit are as follows:

- a. "BMP" - Best Management Practices
- b. "BOD" - Biochemical Oxygen Demand
- c. "CFR" - Code of Federal Regulations
- d. "COD" - Chemical Oxygen Demand
- e. "DCL" - Design Criteria Level
- f. "DCP" - Drainage Control Plan
- g. "DMR" - Discharge Monitoring Report
- h. "DSN" - Discharge Serial Number
- i. "EDPA" - Effective Date of Permit Authorization
- j. "FW1" - Freshwater 1 Waters
- k. "GPA" - General Permit Authorization
- l. "GWQS" - Ground Water Quality Standards
- m. "HUC14" - Hydrologic Unit Code
- n. "MRF" - Monitoring Report Form
- o. "N.J.A.C." - New Jersey Administrative Code
- p. "NJPDES" - New Jersey Pollutant Discharge Elimination System
- q. "N.J.S.A." - New Jersey Statutes Annotated
- r. "PL" - Pinelands Waters
- s. "SPPP" - Stormwater Pollution Prevention Plan
- t. "TMDL" - Total Maximum Daily Load
- u. "WCR" - Waste Characterization Report

Wood Waste Recycling and Leaf Composting General Permit

A. Permit Overview

1. Summary of Stormwater Permit Requirements

- a. The permittee shall develop, implement, update, and maintain a Stormwater Pollution Prevention Plan (SPPP) (See Part IV.B).
- b. The permittee shall develop, implement, update, and maintain a Drainage Control Plan (DCP) and maintain drainage control in all areas of industrial activity, including source materials (See Part IV.C).
- c. 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.D).
- d. The permittee shall conduct stormwater monitoring in accordance with the requirements of the permit (See Part IV.E).
- e. The permittee shall monitor all discharges to discrete surface water outfall(s) in accordance with this permit's conditions and shall meet the effluent limitation(s) and design criteria as specified in the permit (See Part IV.F).
- f. The permittee shall design and maintain a means of treatment and/or disposal to discharge stormwater to ground water that shall be monitored in accordance with this permit's conditions to satisfy the requirements of the Ground Water Quality Standards (N.J.A.C. 7:9C) (See Part IV.G).
- g. The permittee shall be responsible for supervising and managing the operation and maintenance of the facility and all associated BMPs and treatment systems (See Part IV.H).
- h. The permittee shall develop, update, and implement an employee training program to address permit components and the Stormwater Pollution Prevention Plan (SPPP), including Drainage Control Plan (DCP) requirements (See Part IV.I).
- i. 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 and conduct annual inspections of the facility (See Part IV.J).

B. Stormwater Pollution Prevention Plan (SPPP)

1. Stormwater Pollution Prevention Plan Minimum Requirements

- a. The SPPP shall include a detailed site-specific narrative description of the activities and their associated locations occurring at the wood waste recycling and/or leaf composting site.
- b. The SPPP shall include a current inventory of all source materials, as defined at Part IV Notes and Definitions, that are potential sources of pollution on site.
- c. The SPPP shall identify and describe the Best Management Practices (BMPs) that are in place to eliminate, reduce, or minimize exposure of industrial activity and source materials to stormwater that discharges to surface water or ground water.
- d. 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.
- e. The SPPP shall include a schedule and associated logs of site inspections to verify that the BMPs are being maintained and implemented properly. Descriptions of findings during inspections and their associated actions shall be logged in the SPPP and site inspections shall be conducted in accordance with Part IV.D.1.

- f. The SPPP shall include a description of all surface water and ground water discharge locations associated with wood waste recycling and composting activities, locations of discharge monitoring points, and source materials located within the contributing drainage area of each discharge monitoring point.
- g. The SPPP shall include the Drainage Control Plan, which shall be created in accordance with Part IV.C.1.
- h. The SPPP shall include all employee training records as specified in Part IV.I.1.
- i. The SPPP shall note the location of all records/documentation required by this permit.
- j. The permittee shall review the SPPP at least annually and update it as often as necessary to reflect changes related to the permittee's activities on site. Any amendments to the SPPP:
 - i. Shall continue to meet the requirements of this permit;
 - ii. Shall be recorded on the SPPP revisions page; and
 - iii. Shall be submitted to the Department upon completion.
- k. The SPPP shall be completed and submitted to the Department on or before EDPA + 6 months and implemented within EDPA + 18 months unless otherwise approved by the Department.
- l. The permittee shall amend the SPPP to adequately address all deficiencies within 60 days after receiving notification that the SPPP does not meet one or more of the minimum requirements unless another time is otherwise specified by the Department.
- m. The SPPP shall be retained at the facility for use by the permittee and inspection by the Department.
- n. The SPPP shall be made available to the public upon request, except for any portion of the SPPP that permittee has properly deemed as confidential in accordance with the provisions set forth in N.J.A.C. 7:14A-18.2.

C. Drainage Control and Monitoring Locations

1. Drainage Control Plan

- a. The permittee shall develop a Drainage Control Plan (DCP) as part of the SPPP, noted in Part IV.B.1 above, that describes how drainage control will be established on site.
- b. The DCP shall be certified by a New Jersey licensed Professional Engineer.
- c. Elevations for the DCP shall be measured by a New Jersey licensed Professional Land Surveyor.
- d. The DCP shall include, at a minimum, the following components:
 - i. Facility Name;
 - ii. NJPDES permit number and Program Interest I.D. Number (PI Number);
 - iii. A description of the location of each monitoring location, including an alpha-numeric discharge serial number comprised of 4 characters, which do not contain the same first 3 characters (e.g., 01SW, 02SW, etc. for surface water discharges, and 01GW, 02GW, etc. for ground water discharges);
 - iv. The latitude and longitude for each monitoring location(s);
 - v. All existing and proposed BMPs to be implemented for stormwater diversion or treatment;
 - vi. Time of concentration for stormwater runoff associated with regulated areas of the facility;
 - vii. Sizing calculations for any stormwater management facilities that manage stormwater runoff from regulated areas of the facility;
 - viii. Applicable TMDL and impairment information (www.nj.gov/dep/dwq/msrp-tmdl-rh.htm, and www.state.nj.us/dep/wms/bears/assessment.htm#), respectively);
 - ix. A Drainage Control Map, prepared in accordance with e. below; and

- x. A schedule with specific timeframes and interim milestones for implementing all proposed BMPs. The schedule must comply with Part IV.B.1.k above.
- e. The Drainage Control Map shall be legible, drawn to an appropriate engineering scale, and shall clearly depict the following information where applicable:
 - i. Site boundary;
 - ii. Title block containing tax block and lot number;
 - iii. Topography and elevations;
 - iv. Areas of yard waste management activity including staging/storing areas, windrows, and processing areas;
 - v. Proposed grading of drainage areas, including elevations and flow arrows showing the drainage direction to regulated monitoring locations or outfalls to surface water or ground water infiltration areas;
 - vi. Proposed location(s) of flow diversion structures;
 - vii. Proposed location(s) of surface water outfalls and representative monitoring locations; and
 - viii. Proposed location(s) of ground water infiltration areas and representative monitoring locations;
 - ix. All surface waters on or adjacent to the site, including the Surface Water Quality Standards classifications of the water bodies (listed at http://www.nj.gov/dep/rules/rules/njac7_9b.pdf);
 - x. All receiving aquifers (for discharges to ground water authorized by this permit) and assigned New Jersey Ground Water Quality Standards classification (listed at https://www.nj.gov/dep/rules/rules/njac7_9c.pdf);
 - xi. Existing buildings and other structures;
 - xii. Location of vehicle/equipment storage, maintenance, fueling, and washing areas;
 - xiii. Areas used for miscellaneous waste management or storage (e.g., dumpsters, drums, scrap vehicle/equipment parts);
 - xiv. Location of above/below ground storage tanks;
 - xv. Location of access roads;
 - xvi. Ground water contamination areas; and
 - xvii. Date prepared and subsequent revisions.
- f. An up-to-date copy of the Drainage Control Plan and Map shall be kept on site as part of the facility's SPPP as per Part IV.B.1.
- g. The Drainage Control Plan and Map shall be updated as necessary to reflect changes at the facility. A copy of the updated Drainage Control Plan and Map shall be sent to the Department upon its completion.

2. Establishing Drainage Control on Site

- a. All stormwater runoff associated with this regulated activity shall be handled in the following order of priority:
 - i. Collected and reused for controlling the moisture content in compost windrows and dust control, provided no discharge to surface or ground water occurs as a result. See Part IV.D.2 below;
 - ii. Infiltrated into ground water via a basin or overland infiltration area; and
 - iii. Discharged through an outfall(s) to surface water.

- b. The permittee shall prevent the migration of stormwater off site from a regulated activity, except through a discharge location regulated by this permit, by implementing stormwater control measures, such as, but not limited to berms, barriers, collection systems, embankments, and site grading.
- c. The permittee shall ensure that the discharge of stormwater from areas not associated with wood waste recycling or leaf composting source material (e.g., rooftop runoff, employee parking, other solid waste activities) are separated from stormwater discharges associated with wood waste recycling or leaf composting activity areas regulated under this permit.

3. Outfall Tagging and Monitoring Locations

- a. The permittee shall establish one or more monitoring location(s) that are representative of all regulated wood waste recycling and leaf composting discharges to surface water and/or ground water from the site.
- b. The permittee shall submit the location of the following:
 - i. Monitoring location(s);
 - ii. Outfall discharge point(s) to surface water;
 - iii. Outfall discharge point(s) to ground water; and
 - iv. Discharge point(s) to a private or publicly owned stormwater system.
- c. The permittee shall identify each surface water outfall and surface water and ground water monitoring location with a tag or posted sign in accordance with N.J.A.C. 7:14A-6.2(a)9 within three months of the commencement of monitoring.
 - i. The outfall or monitoring location tag or posted sign shall be:
 - Legible;
 - Located in close proximity to the outfall or monitoring location;
 - Made of a durable material such as metal; and
 - Maintained/repaired within 30 days if damaged or no longer legible.
 - ii. The outfall tag or posted sign shall display, at a minimum:
 - Name of the facility where the discharge originates;
 - NJPDES permit number;
 - The Department Hotline phone number (877-WARN DEP (927-6337)); and
 - Monitoring Location Designator for the associated outfall.
 - iii. The monitoring location tags shall display at a minimum:
 - NJPDES Permit number; and
 - Monitoring Location Designator.

D. Site-Wide BMPs for Pollution Prevention and Good Housekeeping

1. Site Inspections

- a. Inspections shall be conducted quarterly during dry periods to identify and address any problems prior to a storm event.
- b. Inspections shall be conducted quarterly during storm events to ensure that BMPs are functioning as originally intended and provide an opportunity for permittees to observe what materials and/or activities are exposed to stormwater.

- i. The permittee shall look for areas of buildup of solids, ponding, or channeling, excessive or lack of vegetative growth (could be an indicator of broken or leaking pipes, valves, or overloading of the discharge, etc.).
- c. An inspection log shall be maintained in the SPPP and shall consist of the following information:
 - i. Date and time of inspection;
 - ii. Name and title of facility personnel performing the inspection.
 - iii. Current weather conditions, and conditions for the previous 72 hours. This shall include the reported amount of rainfall/snow that fell during the prior 72 hours.
 - iv. Verification that all BMPs are in place;
 - v. Any observations of failures or breakdowns of BMPs including structural BMPs;
 - vi. Recommended maintenance or repairs; and
- d. The permittee shall also conduct annual inspections of the facility to assess all areas contributing to stormwater discharges 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.
 - i. The annual inspection may replace one of the required quarterly inspections.

2. Erosion and Dust Control

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

3. Stream Bank Stabilization and Stream Scouring Prevention

- a. The permittee shall design, implement, and maintain BMPs to prevent erosion and sedimentation caused by stormwater at the outfall(s). The BMPs shall meet the most recent technical standards listed in the Standards for Soil Erosion and Sediment Control in New Jersey, Engineering Standards Section titled Standard for Off-Site Stability at a minimum.
- b. The permittee shall perform quarterly stream scouring inspections. These inspections can be conducted simultaneously with the inspections as noted in D.1 above.
- c. The permittee shall restore any eroded area in the vicinity of the outfall within six months of identification of stream scouring, unless additional time is approved by the Department, in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey at N.J.A.C. 2:90-1 (e.g., Conduit Outlet Protection 12-1), or, for New Jersey Department of Transportation (NJDOT) projects, the NJDOT Soil Erosion and Sediment Control Standards at N.J.A.C. 16:25A (e.g., Conduit Outlet Protection 4.18), and the requirements for bank stabilization and channel restoration found at N.J.A.C. 7:13 et seq.

4. Inbound Material Quality Control

- a. The permittee shall develop and maintain a written quality control program that includes, at a minimum:

- i. Signage that notifies customers/suppliers of prohibited materials;
 - ii. Visual inspection protocol for all incoming material loads; and
 - iii. Training prior to commencement of related duties for all facility employees involved in the inbound quality control program.
- b. The permittee shall inspect all incoming wood waste and yard trimming loads for materials not authorized by this permit (i.e., chemically treated, glued, dyed, or painted).
- c. The permittee shall remove and properly dispose of all contaminated materials and miscellaneous debris found or reject the load.
 - i. The permittee shall store all contaminated materials and miscellaneous debris in a dumpster or other refuse container that is covered at all times.

5. Material Storage

- a. The permittee shall store unprocessed wood waste and yard trimmings, in-process materials, and processed/finished wood chip and compost materials in accordance with N.J.A.C. 7:26 & 7:26A as well as any NJDEP Solid Waste site and fire plans if applicable.
- b. The permittee shall store material stockpiles in a manner as to minimize stormwater run-on and contaminant run-off via surface grading, dikes and/or berms (which may include sandbags, hay bales and curbing, among others) or three-sided storage bays.
 - i. Where possible, the open side of storage bays shall be situated on the upslope;
 - ii. Keep material piles covered when possible; and
 - iii. The area in front of storage bays and adjacent to storage areas shall be swept clean every day after loading/unloading.

6. Spill Prevention and Response

- a. The permittee shall develop and implement BMPs to minimize the potential for leaks, spills, and other releases that may be exposed to stormwater and develop related spill prevention and clean-up procedures. At a minimum, the following BMPs are required for proper spill prevention and response measures:
 - i. Properly label all containers and keep labels legible, clean, and visible;
 - ii. Keep containers in good condition, protected from damage and spillage, and tightly closed when not in use;
 - iii. When practical, store containers indoors;
 - iv. If indoor storage is not practical, containers may be stored outside if covered and placed on spill platforms or clean pallets. An area that is graded and/or bermed to prevent run-through of stormwater may be used in place of spill platforms or clean pallets; and
 - v. Outdoor storage locations shall be maintained/repared if damaged or no longer able to function as designed.
- b. The permittee shall conduct cleanups of spills of liquids or dry materials immediately after discovery. All spills shall be remediated using the following methods:
 - i. Cleaned using dry cleaning methods only;
 - ii. Clean up spills with a dry, absorbent material (e.g., kitty litter, sawdust, etc.) and sweep the rest of the area;
 - iii. Dispose of collected waste properly; and
 - iv. Store clean-up materials, spill kits and drip pans near all liquid transfer areas, protected from rainfall.

- c. Any spills or suspected release of hazardous substances shall be immediately reported to the NJDEP Hotline (1-877-WARN DEP (927-6337)) followed by a site investigation in accordance with N.J.A.C. 7:26C and N.J.A.C. 7:26E if the discharge is confirmed.

7. Fueling Operations (if applicable)

- a. The permittee shall establish, maintain, and implement standard operating procedures to address vehicle fueling, receipt of bulk fuel deliveries and the inspection and maintenance of storage tanks, including the associated piping and fuel pumps to prevent the exposure of fuel to stormwater.
- b. The permittee shall place drip pans under all hose and pipe connections and other leak-prone areas during bulk transfer of fuels.
- c. The permittee shall block storm sewer inlets, or contain tank trucks used for bulk transfer, with temporary berms or temporary absorbent booms during the transfer process.
 - i. If temporary berms or booms are being used instead of blocking the storm sewer inlets, the permittee shall keep all fuel transfer activities within the temporarily bermed or boomed area during the loading/unloading of bulk fuels; and
 - ii. The permittee shall ensure that a trained employee is present to supervise all bulk transfers of fuel.
- d. The permittee shall clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment, which shall include, but is not limited to:
 - i. "Topping off of vehicles, mobile fuel tanks, and storage tanks is strictly prohibited";
 - ii. "Stay in view of fueling nozzle during dispensing"; and
 - iii. Contact information for the person(s) responsible for spill response.
- e. The permittee shall immediately repair or replace any equipment, tanks, pumps, piping, and fuel dispensing equipment found to be leaking or in disrepair.

8. Vehicle and Equipment Maintenance (if applicable)

- a. The permittee shall properly operate and maintain vehicles and equipment to prevent the exposure of pollutants to stormwater.
- b. The permittee shall, whenever possible, conduct vehicle and equipment maintenance activities indoors.
- c. For projects that must be conducted outdoors, and that last more than one day, the permittee shall place portable tents or covers over the equipment being serviced when not being worked on.
- d. The permittee shall use drip pans at all times.
- e. The permittee shall use designated areas away from storm drain inlets or block storm drain inlets when vehicle and equipment maintenance is being conducted outdoors.

E. General Discharge and Monitoring Requirements

1. Discharge Requirements

- a. The permittee shall ensure that any stormwater flowing from the site is free of trash and debris.
- b. The permittee shall not discharge stormwater to surface water and/or ground water that exhibits a visible sheen or other discoloration associated with regulated activity in accordance with N.J.A.C. 7:14A-12.6(d).
- c. The permittee shall not discharge stormwater to surface water and/or ground water that has foam or odor associated with regulated activity in accordance with N.J.A.C. 7:14A-12.6(d).
- d. The permittee shall not discharge stormwater from a regulated activity to an adjacent property without obtaining written consent from the property owner.

- e. The permittee shall monitor the discharge of stormwater that accumulates during a storm event in a containment area, impoundment, or other device that controls the discharge of stormwater, at the time of discharge as per Part IV.E.2 where applicable.

2. Monitoring Requirements

- a. Permittees who conduct all wood waste recycling and leaf composting activities on an impervious surface and within a building that is completely roofed and walled with a door may be exempt from the monitoring requirements below upon approval of the SPPP by the Department. Such changes to the permittee's operation and SPPP may be made at any time.
- b. The permittee shall monitor its stormwater discharge during a valid storm event from the monitored location(s) and for the parameters established in Part III.
- c. The permittee may collect a sample from snowmelt that results in a discharge as long as the monitoring requirements are followed, and provided that:
 - i. Snowmelt samples are representative of the area of industrial activity. As such, if a snowmelt event is to be sampled from an area of industrial activity, the permittee shall ensure that no snow from other areas is stockpiled in the area of the regulated activity; and
 - ii. Not more than one snowmelt is sampled per calendar year.
- d. The permittee shall collect samples in accordance with the sampling type and frequency established in Part III.
- e. The permittee shall collect stormwater samples within 30 minutes of the stormwater discharge or as soon thereafter as practicable. If samples are taken after 30 minutes, the permittee shall give a valid reason in the comments section of the monitoring report form. For sampling guidance, please follow the guidelines in "NJDEP Field Sampling Procedures Manual" (listed at <https://www.nj.gov/dep/srp/guidance/fspm/>)
- f. The permittee shall ensure that each analysis required by this permit be performed by a New Jersey Certified Laboratory that is certified to perform the analysis as per N.J.A.C. 7:18 "Regulations Governing the Certification of Laboratories and Environmental Measurements". See <https://www.nj.gov/dep/enforcement/oqa/certlabs.htm> for additional information regarding certified laboratories.
- g. The permittee shall ensure stormwater samples for pH are only collected and analyzed as follows:
 - i. Collect samples directly into the cleaned sample container.
 - ii. When the sample cannot be collected directly into the sample container, use a clean sampling device.
 - iii. Rinse the sample container and/or sampling device a minimum of three times with the stormwater to be sampled.
 - iv. The sample container must be glass or plastic with at least a 200 mL capacity, and have a leak proof cap.
 - v. The sample must fill the container completely not allowing for any head space within the container.
 - vi. The sample must be either analyzed on-site or stored at 4°C until analysis.
 - vii. All samples for stormwater pH must be analyzed within 24 hours of collection.
 - viii. All analysis for pH must be performed by a New Jersey Certified Laboratory as per the procedure outlined in "Regulations Governing the Certification of Laboratories and Environmental Measurements," N.J.A.C. 7:18.
- h. The permittee shall ensure that all samples be analyzed consistent with 40 CRF Part 136 that are sufficiently sensitive for the monitored parameter.

- i. For stormwater samples, the methodology chosen must allow the analysis to achieve the practical quantitation levels as specified in the GWQS.
- i. The monitoring for parameter pH “Precipitation” is optional. The permittee may choose to analyze pH “Precipitation” if the sample from a valid storm event has a pH “Effluent Gross Value” sample result that is lower than the daily minimum limit. pH “Effluent Gross Value” sample results that are below the pH daily minimum limit are not in violation of this permit if they are not lower than the measured pH “Precipitation” collected on site during the valid storm event.
 - i. The permittee shall use “Code = N” for pH “Precipitation” when not reporting a sample result for this optional parameter.
- j. The permittee may take samples and have analysis made by a New Jersey Certified laboratory on additional occasions to those specified in this permit.
 - i. If additional samples are taken, the maximum values of all analytical results taken during the monitoring period shall be reported on the MRFs;
 - ii. If an average value is required to be reported, all sample results shall be used in the calculation of the average. For pH, all data shall be used to report both minimum and maximum values; and
 - iii. If multiple valid storm events are sampled in a monitoring period, the permittee shall indicate how many samples were taken in the “frequency of analysis” box on the MRFs.
- k. If any monitoring results exceed the design criteria or effluent limitation(s) of this permit, for any parameter, the permittee shall:
 - i. Immediately evaluate potential sources of the pollutant that exceeded the design criteria or effluent limitation(s);
 - ii. Immediately identify and implement stormwater control measures (e.g., source control, operational control, stormwater treatment) by which the permittee can further reduce stormwater contamination;
 - iii. Update the SPPP with identified necessary improvements or changes within one month; and
 - iv. Evaluate and summarize the results in the Annual Report in accordance with Part IV.J.4.
- l. If the monitoring results for parameters sampled exceed effluent limitation(s) at any time or exceed design criteria in two out of four monitoring periods for quarterly or semiannual parameters the permittee shall:
 - i. Notify the Department via the designated electronic submittal service within one week of the triggering exceedance;
 - ii. Increase the monitoring frequency for the parameter(s) exceeded from quarterly to monthly or semiannually to quarterly;
 - iii. Submit six consecutive monitoring results below the effluent limitation and/or design criteria to show that the problem is rectified. If rectified, a request may be submitted to the Department to return to the standard monitoring frequency; and
 - iv. Include in the calculation and reporting of the data on the MRFs any additional sample results from increased monitoring. Such increased frequency shall also be indicated (see Part IV.E.i. above).
- m. Continued exceedances of the design criteria or effluent limitations may result in additional BMPs or a revocation of authorization under this general permit and require an application for an individual stormwater permit.
- n. The permittee shall not change monitoring locations without notification to and written approval from the Department. The permittee shall make any changes to monitoring locations in the DCP.

- o. If a discharge does not occur from an outfall or ground water discharge point during a particular reporting period, the permittee shall check "No discharge this monitoring period" on the MRF transmittal sheet for each discharge monitoring location that had "no discharge".

F. Stormwater Discharges to Surface Water (if applicable)

1. Design Criteria

- a. The design criteria for stormwater discharges to surface water listed in Part III of the permit include pollutant concentrations that the Department has determined that when exceeded, represent a level of concern. Design criteria are established by the Department to direct the permittee with selecting and designing appropriate BMPs, including treatment if necessary, and gauging the effectiveness of those BMPs once implemented.

G. Discharges to Ground Water (if applicable)

1. General Conditions

- a. The permittee shall ensure that stormwater discharges to ground water are;
 - i. By infiltration only utilizing one or more infiltration basin(s) or overland flow areas; and
 - ii. Designed to infiltrate the total runoff volume of at least a two-year, 24-hour storm event within 72 hours which is to be calculated using the National Oceanic and Atmospheric Administration's (NOAA's) National Weather Service Rainfall Data for the facility's specific location multiplied by the Department's county based update factors which were calculated from "Changes in Hourly and Daily Extreme Rainfall Amounts in NJ since the Publication of NOAA Atlas 14 Volume (2021.)" The update factors are available at the following link: <https://www.nj.gov/dep/stormwater/rainfalldata.htm>.
- b. The permittee shall ensure that representative samples of stormwater discharges to ground water are collected by one of the following two ways:
 - i. At the point of inflow to an infiltration basin; or
 - ii. At a discrete monitoring location upgradient from an overland infiltration area.
- c. The permittee shall report an overflow discharge from regulated infiltration areas resulting from a storm event less than or equal to a two-year, 24-hour storm event to the Department's Hotline within 24 hours from the commencement of discharge, as this is an unauthorized discharge and is a violation of this permit.
 - i. The permittee shall reassess overland flow area and/or infiltration basin design and construction if capacity exceedances and overflows occur frequently and upgrade if necessary.
- d. The permittee shall report each overflow discharge event from regulated infiltration areas resulting from storm events greater than a two-year, 24-hour storm in the annual report.

2. Overland Flow Requirements

- a. The permittee shall design an overland flow discharge system in accordance with the Department's latest "Technical Guidance for Sizing and Positioning of: Spray Irrigation Systems, Overland Flow Systems, Infiltration/Percolation Lagoon Systems, and Surface Impoundments" found at <https://www.nj.gov/dep/dwq/publications.htm> unless an alternative design is approved by the Department.
- b. The permittee shall implement infiltration area(s) (overland flow areas) in the locations specified by the DCP.
- c. The permittee shall ensure that the discharge to the overland flow area not exceed the boundaries indicated on the DCP.
 - i. The permittee shall obtain written permission from neighboring landowner(s) if allowing overland flow to go off site.
- d. The permittee shall establish the sample locations of the discharge to an overland flow area at a discrete location upgradient of the infiltration area.

3. Basin Requirements

- a. The permittee shall design the infiltration basins in accordance with chapters 5, 12, and 13 of the "New Jersey Stormwater Best Management Practices Manual" found at https://www.njstormwater.org/bmp_manual2.htm
- b. The permittee shall construct, maintain, and operate all basins to prevent overtopping and/or side wall failure.
- c. The permittee shall construct all interconnections between basins in a manner that will prevent degradation of the basin system.
 - i. The permittee shall implement erosion control BMPs in areas subject to influent flow; and
 - ii. Whenever possible, all flow shall be directed along the longest axis of the basin(s).
- d. The permittee shall ensure that the structural integrity of the basin after construction be certified by the signature and seal of a New Jersey licensed Professional Engineer.

4. Basin Failure, Inactivity, and Redesign

- a. If the original infiltration basin system or portions thereof were insufficient or inadequate, the permittee shall propose a new upgraded system as follows:
 - i. A new DCP shall be submitted along with any necessary revisions to the SPPP; and
 - ii. Discharges to the new system shall not commence until the permittee has received written approval by the Department.
- b. The permittee shall not operate an infiltration basin after basin failure unless all inspections and necessary repairs have been completed.
- c. If the permittee changes the size or number of basins or otherwise modifies the basin it is the responsibility of the permittee to notify the Department in writing regarding facility changes. This does not waive the requirement for the permittee to obtain additional Department approvals where necessary.
- d. Basins may be re-contoured to correct minor side wall and berm defects, alter side wall slopes, or similar changes or corrections after notifying the Department in writing of the proposed changes.
 - i. Notification shall include the submittal of plans for the proposed change and an estimated time for completion.

5. Design Criteria

- a. The design criteria for stormwater discharges to ground water listed in Part III of the permit include pollutant concentrations that the Department has determined that when exceeded, represent a level of concern. Design criteria are provided by the Department to assist the permittee with selecting and designing appropriate BMPs, including treatment if necessary, and gauging the effectiveness of those BMPs once implemented.

H. Facility Operation 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 including implementing BMPs that must be installed or used by the permittee to achieve compliance with the permit and associated SPPP.
- b. The permittee shall conduct proper operation and maintenance of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit.
- c. The permittee shall document operation and maintenance activities through the annual report and certification requirements of Part IV.J.5.
- d. The permittee shall include a description of all operation and maintenance activities as part of the SPPP including but not limited to:

- i. A schedule of physical inspections of the entire facility;
 - ii. A schedule of physical inspections of all BMPs;
 - iii. Any operation and maintenance plans for stormwater management facilities;
 - iv. A schedule of maintenance and re-grading, in order to ensure appropriate slope and vegetative cover of the overland flow area (if applicable);
 - v. An outline of procedures to be implemented in the event the basin is removed from service for an extended period of time for reasons other than routine maintenance and/or scheduled rotation of permitted discharge areas; and
 - vi. A plan for managing any materials removed in the course of treatment or control of stormwater to prevent any pollutant from such materials from entering surface or ground waters, causing nuisance conditions, or creating a public health hazard in accordance with the provision at N.J.A.C. 7:14A-6.15.
- e. The Department may, at any time, require the certification of structural integrity of a stormwater management facility based on visual observations made during facility Compliance Evaluation Inspections or other Department site visits.

I. Employee Training

1. Employee Training Requirements

- a. The permittee shall ensure that all employees that assist in carrying out the responsibilities of this permit receive training on those stormwater topics applicable to their title and duties prior to commencement of related duties.
 - i. The permittee shall ensure that training on the following topics occur annually:
 - ii. Stormwater Pollution Prevention Plan – provide training on the permittee’s SPPP, applicable recordkeeping requirements, and on any component applicable to an employee’s title and duties;
 - iii. Best Management Practices (BMPs) – provide training on all wood waste recycling and leaf composting, stormwater treatment and diversion and site wide BMPs implemented at the facility;
 - iv. Discharge Requirements and Monitoring – provide training on all discharge and monitoring requirements; and
 - v. Stormwater Facility Maintenance - provide training on the maintenance of all stormwater facilities, including but not limited to outfalls, infiltration basins and MTDs.
- b. The permittee shall keep records of employee training including sign in sheet(s), date(s) of training, and training agenda(s) and shall include the location of training records in the SPPP.

J. Record Keeping and Submissions

1. General Record Keeping and Submission 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 years.
- b. The permittee shall submit all documents that are required to be submitted to the Department via the Department’s designated electronic submission service.

2. Reporting "No Discharge"

- a. All monitoring report data, including reports of "No Discharge," will be evaluated against the National Oceanic and Atmospheric Administration's (NOAA's) National Weather Service Rainfall Data to determine if a discharge in the monitoring period has occurred.

3. MRF Submittals

- a. The permittee shall submit all monitoring results reported on MRFs to the Department via NJDEP's Electronic Monitoring Report Form (MRF) Submission Service in accordance with the schedule in Part III of this permit.
- b. The permittee shall begin to submit quarterly MRFs after the SPPP has been reviewed and monitoring locations have been established in a modification to this MGPA by the Department.

4. Annual Inspections, Reports, and Certifications

- 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 that summarizes the results of the annual inspection from the previous calendar year and includes the following additional information:
 - i. The permittee shall include a summary of each overflow discharge event from regulated infiltration areas resulting from storm events greater than a two-year, 24-hour storm.
 - ii. The permittee shall include a summary of any monitoring results that exceeded the design criteria or effluent limitations of this permit and which stormwater control measures, if any, were implemented to control the source of pollution.
 - iii. The permittee shall include a list of any other incidents of non-compliance discovered during the annual inspection, with any remedial actions and/or preventative measures taken; and
 - iv. The permittee shall submit the annual report to the Department by March 1 annually.
 - v. The permittee shall note the location of the annual report in the facility's SPPP as per the recordkeeping requirements of this permit.
- c. The permittee shall coordinate the completion and submittal of the Annual Report, including certifying, signing, and dating the Annual Report.
 - i. The permittee may choose to appoint a duly authorized representative to submit the Annual Report and Certification (7:14A-4.9(b)).

5. Soil Erosion and Sediment Control Plan Record Keeping Requirement

- a. The permittee shall retain a copy of any Soil Erosion and Sediment Control Plan required to be implemented on the site as a result of construction activities or land disturbance greater than or equal to one acre for a period of at least five years after the completion of construction.