



## State of New Jersey

PHILIP D. MURPHY  
*Governor*

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Mail Code 401-02B

SHAWN M. LATOURETTE  
*Commissioner*

TAHESHA L. WAY  
*Lt. Governor*

Division of Water Quality  
Bureau of Ground Water, Residuals, and Permit Administration  
P.O. Box 420 – 401 E State St  
Trenton, NJ 08625-0420  
Phone: (609) 984-4428  
[www.state.nj.us/dep/dwq/](http://www.state.nj.us/dep/dwq/)

May 23, 2024

Re: **DRAFT NJPDES-DGW MASTER GENERAL PERMIT RENEWAL**  
Category: LSI – Lined Surface Impoundment (GP)  
NJPDES Permit No.: NJ0142051; Program Interest No.: 50577  
NJPDES Master General Permit Program Interest  
Statewide

Dear Permittee:

Enclosed is a **draft** New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A.

Notice of this draft permit action will appear in The Times of Trenton, The Star-Ledger, The Press of Atlantic City, and in the June 5, 2024 *DEP Bulletin*. The *DEP Bulletin* is available on the internet at <http://www.state.nj.us/dep/bulletin>. In accordance with N.J.A.C. 7:14A-15.10(c)1.i, the public comment period will close thirty days after the last newspaper publication.

The procedures for submitting comments or requesting a public hearing on this draft action are detailed in the enclosed public notice.

If you have questions or comments regarding the draft action, please contact the Ground Water Permitting Unit at [dwq\\_groundwater@dep.nj.gov](mailto:dwq_groundwater@dep.nj.gov).

Sincerely,

Stephen Boyer, Section Chief  
Ground Water Permitting and Onsite Unit  
Bureau of Ground Water, Residuals, and Permit Administration

Enclosures  
c: Permit Distribution List

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## Acronym List

BGRPA	Bureau of Ground Water, Residuals and Permit Administration
DGW	Discharge to Ground Water
EDP	Effective Date of Permit
EDPA	Effective Date of Permit Authorization
GP	General Permit
GWQS	Ground Water Quality Standards
LSI	Lined Surface Impoundment
N.J.A.C.	New Jersey Administrative Code
N.J.S.A.	New Jersey Statutes Annotated
NJDEP	New Jersey Department of Environmental Protection
NJPDES	New Jersey Pollutant Discharge Elimination System
O&M	Operation and Maintenance
RFA	Request For Authorization
TWA	Treatment Works Approval

New Jersey Department of Environmental Protection  
Division of Water Quality  
Bureau of Ground Water, Residuals, and Permit Administration

**PUBLIC NOTICE**

Notice is hereby given that the New Jersey Department of Environmental Protection (Department or NJDEP) proposes to issue a Ground Water Master General Permit Renewal of New Jersey Pollutant Discharge Elimination System (NJPDES) Discharge to Ground Water Permit NJ0142051 in accordance with N.J.A.C. 7:14A, and by authority of the Water Pollution Control Act at N.J.S.A. 58:10A-1 et seq., for the following discharge:

Applicant or Permittee:

NJPDES Master General Permit  
Discharge Category LSI  
Per Individual Notice of Authorization

Facility:

NJPDES Master General Permit  
Discharge Category LSI  
Per Individual Notice of Authorization

This action is a master general permit renewal (NJ0142051) for wastewater discharges to a Lined Surface Impoundment (Category LSI).

The group of dischargers eligible for this general permit are categorized as facilities with lined surface impoundments. The Department has determined that this group of facilities is more appropriately controlled under a general permit than under separate, individual permits, which is consistent with N.J.A.C. 7:14A-6.13(b)4.

This draft NJPDES Master General Permit has been prepared on the administrative record filed at the NJDEP, 401 East State Street, Trenton, New Jersey 08625. Copies of the draft document are obtainable, for a nominal charge, and the administrative record is available for inspection by appointment only, Monday through Friday. If you are interested in scheduling an appointment or requesting specific information regarding the draft document, please contact the Bureau of Ground Water, Residuals, and Permit Administration staff at [dwq\\_groundwater@dep.nj.gov](mailto:dwq_groundwater@dep.nj.gov).

Written comments must be submitted by certified mail (return receipt requested), or by other means which provides verification of the date of delivery to the Department to Attention: Comments on Public Notice NJPDES Permit No. NJ0142051, Mail Code 401-02B, Bureau of Ground Water, Residuals, and Permit Administration, P.O. Box 420, Trenton, NJ 08625-0420. Comments shall be submitted by the close of the public comment period, which closes thirty (30) calendar days after the last newspaper publication. Comments submitted via e-mail to [dwq\\_groundwater@dep.nj.gov](mailto:dwq_groundwater@dep.nj.gov) will also be accepted by the Department. All persons who believe that any condition of this draft document is inappropriate or that the Department's decision to issue this draft document is inappropriate, must raise all reasonable arguments and factual grounds supporting their position, including all supporting materials, during the public comment period.

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

New Jersey Department of Environmental Protection  
Division of Water Quality  
Bureau of Ground Water, Residuals, and Permit Administration  
401 East State Street, Trenton, NJ 08625

**FACT SHEET**

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

**Permit Action:** Ground Water Master General Permit Renewal

**Category:** LSI – Lined Surface Impoundment (GP)

**Description of Permit Action:**

This action is master general permit (NJ0142051) renewal for Lined Surface Impoundments (Category LSI).

**Name and Address of the Applicant:**

Indicated on Individual Authorization

**Name and Address of the Facility/Site:**

Indicated on Individual Authorization

**Name and Classification of the Receiving Water:**

Ground Waters of the State  
Classes I, II, and III

**Location of the Facility:**

Statewide

**Description of Facilities Covered by this Permit:**

This New Jersey Pollutant Discharge Elimination System – Discharge to Ground Water (NJPDES-DGW) General Permit No. NJ0142051 is being renewed in accordance with NJPDES Regulations, N.J.A.C. 7:14A-1 et seq., and authorizes the operation of surface impoundments with liners.

For the basis of this permit “surface impoundment” or “impoundment” means a facility or part of a facility which is a natural topographic depression, man-made excavation, or diked area formed primarily of earthen materials (although it may include a liner) which is designed to hold an accumulation of liquid or solid wastes or wastes containing free liquids, and which is not an injection well. Examples of surface impoundments are holding, storage, settling, aeration pits, ponds, and lagoons. The term “liner” for the purpose of this permit means a continuous layer of soil or synthetic material which restricts the downward or lateral escape of any waste, waste constituents, or leachate. To be eligible for this general permit “liners” shall have a hydraulic conductivity of  $1 \times 10^{-7}$  centimeters per second or less.

This general permit does not address and is not an approval of any past activity which was conducted at the site that has or may have adversely affected the ground waters of the State.

Table 1 lists the names of the seventeen (17) permittees currently authorized under this general permit.

**General Eligibility Criteria:**

The group of dischargers eligible for this general permit are categorized as facilities with lined surface impoundments. The Department has determined that this group of facilities is more appropriately controlled under a general permit than under separate, individual permits, which is consistent with N.J.A.C. 7:14A-6.13(b)4.

**Specific Eligibility Criteria:**

Eligible dischargers must meet the following criteria to qualify for authorization under this general permit:

- 1) Have a discharge of wastewater or industrial stormwater to a lined surface impoundment; and
- 2) The liner of the surface impoundment has a hydraulic conductivity of  $1 \times 10^{-7}$  centimeters per second or less; and
- 3) The facility has a separate NJPDES permit for discharges from the basin or discharges to a sanitary sewer.

**Request for Authorization:**

A complete application is considered to be the Request for Authorization (RFA). An RFA consists of a NJPDES-1 form, site plan, topographic map, and a line drawing. Additional information may be required by the Department to be included as part of the RFA if the Department determines that such additional information (including other data, reports, specifications, plans, permits, or other information) is reasonably necessary to determine eligibility under this master general permit.

A facility which has submitted a complete application for an individual discharge to ground water permit in accordance with N.J.A.C. 7:14A-4 or its regulatory precursors may, at the discretion of the Department, be authorized under this general permit without submission of a specific RFA. A complete application is considered to be the RFA. The decision to issue an authorization shall be based upon the applicability of the criteria, outlined in the paragraph above, to each individual facility. If it is determined that the facility meets the outlined criteria, the Department shall notify the permittee regarding the authorization under this general permit in accordance with N.J.A.C. 7:14A-6.13.

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.

**Contact Information:**

For further information regarding this permit visit the Division of Water Quality [https://dep.nj.gov/dwq/permitting/information/permits/application/forms\\_and\\_checklists/#DGW](https://dep.nj.gov/dwq/permitting/information/permits/application/forms_and_checklists/#DGW) or contact the Bureau of Ground Water, Residuals, and Permit Administration Ground Water Unit staff at [dwq\\_groundwater@dep.nj.gov](mailto:dwq_groundwater@dep.nj.gov).

**Administrative Record:**

The following items were used to formulate the basis of the permit:

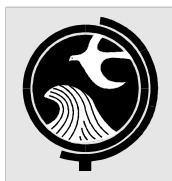
1	N.J.S.A. 58:10A, New Jersey Water Pollution Control Act.*
2	N.J.A.C. 7:14A, New Jersey Pollutant Discharge Elimination System Regulations*
3	N.J.A.C. 7:9C, Ground Water Quality Standards *
4	N.J.A.C. 7:9A, The Standards for Individual Subsurface Sewage Disposal Systems*
5	NJPDES Master General Permit No. NJ0142051*

\*The document is part of the administrative record but is not physically included in the record.

The discharge described above is a regulated activity under the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 *et seq.*, and its implementing regulations, the New Jersey Pollutant Discharge Elimination System Regulations (NJPDES) N.J.A.C. 7: 1 4A- 1 *et seq.* The permit has been developed pursuant to the administrative record identified above.

Table 1 - list of 17 permittees currently authorized under this general permit

<b>NJPDES Permit Number</b>	<b>PI Number</b>	<b>Facility Name</b>	<b>County</b>	<b>Municipality</b>
NJG0169625	451732	HOMESTEAD WASTEWATER TREATMENT PLANT	Burlington	Mansfield Twp
NJG0101524	46169	CAMDEN CNTY RESOURCE RECOVERY FACILITY	Camden	Camden City
NJG0107778	46315	PBF LOGISTICS PRODUCTS TERMINALS, LLC	Gloucester	Paulsboro Boro
NJG0086029	47029	PRINCETON PLASMA PHYSICS LAB	Middlesex	Plainsboro
NJG0102121	46284	DUPONT SPECIALTY PRODUCTS USA, LLC	Middlesex	Sayreville Boro
NJG0101290	46664	TNSA SEWERAGE TREATMENT PLANT	Monmouth	Neptune Twp
NJG0101451	46910	SOUTH MONMOUTH REGIONAL SA	Monmouth	Wall Twp
NJG0174611	47138	NJ SPORTS & EXPOSITION AUTHORITY	Monmouth	Oceanport Boro
NJG0204811	46627	MONMOUTH CNTY BAYSHORE OUTFALL AUTHORITY	Monmouth	Middletown Twp
NJG0155641	46860	ROXBURY TOWNSHIP	Morris	Roxbury Twp
NJG0300381	46423	HANOVER SEWERAGE AUTHORITY WTP	Morris	Hanover Twp
NJG0167517	46119	HARRISON BROOK STP	Somerset	Bernards Twp
NJG0159379	46122	BERKELEY HEIGHTS WPCF	Union	Berkeley Heights Twp
NJG0161454	46152	BUCKEYE PIPE LINE CO LP	Union	Linden City
NJG0101478	46145	BOREALIS COMPOUNDS INC	Warren	Mansfield Twp
NJG0101516	46109	BASF CORP - WASHINGTON	Warren	Washington Boro
NJG0102547	46777	PEQUEST STATE FISH HATCHERY	Warren	Oxford Twp



# 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: NJ0142051**

**DRAFT: Ground Water Master General Permit Renewal**

**Permittee:**

NJPDES Master General Permit  
Division of Water Quality  
Mail Code 401-02B, P.O. Box 420  
401 East State Street  
Trenton, NJ 08625

**Co-Permittee:**

**Property Owner:**

NJPDES Master General Permit  
Division of Water Quality  
Mail Code 401-02B, P.O. Box 420  
401 East State Street  
Trenton, NJ 08625

**Location Of Activity:**

Per Individual Notice of Authorization

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
LSI – Lined Surface Impoundment (GP)	Pending	Pending	Pending

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

**DEP AUTHORIZATION**

**Stephen Boyer, Section Chief**  
**Bureau of Ground Water, Residuals, and Permit Administration**  
**Division of Water Quality**

(Terms, conditions and provisions attached hereto)

# **PART I**

## **NARRATIVE REQUIREMENTS**

### **Lined Surface Impoundment (GP)**

#### **A. General Conditions**

##### **1. Scope**

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

##### **2. Requirements for Treatment Works Approval**

- a. For new construction, expansion, alterations, or major repairs of regulated discharge units subject to N.J.A.C. 7:14A-22 and 23, the permittee shall obtain a Treatment Works Approval. For new construction, the permittee shall, prior to discharge, obtain the necessary Treatment Works Approval(s) to design, construct and operate a discharge unit capable of meeting any limits set forth in this permit.

##### **3. 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.

##### **4. Notification of Changes to the System**

- a. The permittee shall give written notification to the Department at least ninety (90) days prior to the proposed implementation date of any planned physical or operational alterations or additions to the permitted facility, in accordance with N.J.A.C. 7:14A-6.7.
- b. The permittee shall notify the applicable Bureau of Water Compliance and Enforcement office and the Bureau of Ground Water, Residuals, and Permit Administration (BGRPA), prior to initiating discharges from newly constructed, or altered, discharge facilities.

- i. Contact information, regarding the Bureau of Water Compliance and Enforcement offices, is as follows:

Bureau of Water Compliance & Enforcement-Northern (Jurisdiction: Counties of Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, Union, and Warren)  
Mailing Address: 7 Ridgedale Avenue Cedar Knolls, NJ 07927  
Email: water\_north@dep.nj.gov  
Phone: 973-656-4099

Bureau of Water Compliance & Enforcement-Southern (Jurisdiction: Counties of Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Middlesex, Monmouth, Ocean, and Salem)  
Mailing Address: 2 Riverside Drive Suite 201 Camden, NJ 08103  
Email: water\_south@dep.nj.gov  
Phone: 856-614-3655.

- ii. Contact information for BGRPA is as follows:

Bureau of Ground Water, Residuals, and Permit Administration  
Mailing Address: Mail Code 401-02B, P.O. Box 420 401 E State St Trenton, NJ 08625-0420  
Email: dwq\_groundwater@dep.nj.gov  
Phone: 609-984-4428.

## **5. Licensed Operator**

- a. Pursuant to N.J.A.C. 7:10A-1.1 et seq., every wastewater system not exempted pursuant to N.J.A.C. 7:10A-1.10(c) requires a licensed operator. The operator of a system shall meet the Department's requirements pursuant to N.J.A.C. 7:10A-1.1. The name of the proposed operator, where required, shall be submitted to the Department at the address below, in order for the qualifications of the operator to be verified prior to initiating operation of the treatment works.
- b. Notifications shall be submitted to:
  - i. NJDEP Bureau of Licensing and Registration, Mail Code 401-04E, P.O. Box 420, Trenton, New Jersey 08625-0420, (609) 984-6507.
- c. The permittee shall notify the Bureau of Licensing and Registration of any changes in licensed operator within two weeks of the change.

## **6. Revocation**

- a. The permittee shall request a permit revocation when site operations no longer require a NJPDES permit such as closure of the facility.
- b. The Revocation Request Form is available on the Department's website at [https://www.nj.gov/dep/dwq/pdf/njpdess4\\_revocation\\_form.pdf](https://www.nj.gov/dep/dwq/pdf/njpdess4_revocation_form.pdf).

## **7. Notification of Facility Contact Changes**

- a. The permittee shall notify the Department within two weeks of a change in contact information for any of the following persons associated with the facility/permit:
  - i. Permittee/Operating Entity Contact;

- ii. Property Owner Contact;
  - iii. Facility Contact; or
  - iv. Fees/Billing Contact.
- b. Notification to the Department shall be in the form of a completed Contact Information Update form (i.e. NJPDES-2 form), which is available on the Department's website or by contacting the appropriate permitting program.

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

- a. As set forth at N.J.A.C. 7:14A-16.2, prior to any change in ownership and/or the permittee/operating entity, the current permittee shall provide written notice to the Department at least thirty (30) days prior to the proposed transfer date.
  - i. Written notice to the Department shall be in the form of a completed Application for Transfer of a NJPDES Permit form, which is available on the Department's website or by contacting the appropriate permitting program.

**B. Eligibility**

**1. Eligibility Criteria**

- a. Eligibility for this permit is limited to facilities that meet the following criteria:
  - i. Have a discharge of wastewater or industrial stormwater to a lined surface impoundment; and
  - ii. The liner of the surface impoundment has a hydraulic conductivity of  $1 \times 10^{-7}$  centimeters per second or less; and
  - iii. The facility has a separate NJPDES permit for discharges from the basin or discharges to a sanitary sewer.

**2. General Provisions**

- a. For new permittees, the surface impoundment must be constructed with a liner that meets the requirements of this permit prior to commencement of the regulated discharge to the lined surface impoundment regulated herein.
- b. The permittee must obtain a TWA, if required pursuant to N.J.A.C. 7:14A-22, for the installation of any liner prior to construction of the lined surface impoundment regulated herein.
- c. Failure to operate and maintain treatment works and facilities which are installed or used by the permittee to achieve compliance with the terms and conditions of the permit as specified in the O&M Manual is a violation of this permit.
- d. The permittee shall notify the Department in writing whenever there is a change in operation that could potentially affect the characteristics of a regulated discharge.
- e. When a regulated unit poses a potential health risk or hazard, measures must be taken to restrict unauthorized access to the site or unit and to minimize the potential for contact with the pollutants.
- f. Unauthorized discharges from lined surface impoundments are prohibited.

- g. No lined surface impoundment that was removed from service due to structural collapse, overtopping or nonuse may be restored to service unless that portion of the surface impoundment which failed was repaired.
  - i. If the lined surface impoundment was removed from service due to actual or imminent bank or side wall failure, a New Jersey licensed Professional Engineer shall certify by signature and seal the structural integrity of the bank and side wall prior to the redirection of flow to the surface impoundment. Said certification shall be received by the Department prior to the resumption of discharge to the surface impoundment.
  - ii. If the lined surface impoundment was inactive for more than six months due to structural collapse or overtopping, the permittee shall obtain a certification from a New Jersey licensed Professional Engineer that it is structurally sound. The certification shall be signed and sealed by the New Jersey licensed Professional Engineer and shall establish that the banks, dikes, and foundation of the surface impoundment will withstand the physical and chemical stresses of resumed operation. The certification shall also state that the lined surface impoundment will not discharge to ground water.
  - iii. If the original lined surface impoundment system or portions thereof were insufficient or inadequate, the permittee shall propose a new upgraded system. The new lined surface impoundment system shall be installed upon issuance of a TWA from the Department. A new site plan shall be submitted along with any necessary revisions to the O & M Manual.
  - iv. The lined surface impoundment may not become operational unless all inspections and necessary repairs have been completed and have been certified and sealed by New Jersey licensed Professional Engineer.
  - v. For lined surface impoundments with double liners, the permittee shall collect and remove pumpable liquids in the sumps of the leachate collection system to minimize the head on the bottom liner.

### **3. Request for Authorization**

- a. A Request for Authorization (RFA) under this general permit shall include the following documents:
  - i. NJPDES-1 form;
  - ii. Topographic Map;
  - iii. Plot plan;
  - iv. Line drawing; and
  - v. Liner certification (Professional Engineer Certification Form)
- b. Additional information may be required by the Department to be included as part of the RFA if the Department determines that such additional information (including other data, reports, specifications, plans, permits, or other information) is reasonably necessary to determine whether to authorize the discharge under this permit.

### **4. Exclusions**

- a. In accordance with N.J.A.C. 7:14A-6.13(g), any permittee authorized under this general permit may request to be excluded from the coverage of the general NJPDES permit by applying for an individual permit or for another general permit for which the facility is eligible. The permittee shall submit an application in accordance with N.J.A.C. 7:14A-4, with reasons supporting the request, to the NJDEP. The request shall be processed under N.J.A.C. 7:14A-15, 16 and 17. The request shall be granted by the issuance of an individual permit if the reasons cited by the permittee are adequate to support the request.

#### **5. Requiring an Individual 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.

#### **6. Submission of a Request for Authorization**

- a. A completed RFA shall be electronically submitted to the Permit Administration Section via email at [dwq\\_pas@dep.nj.gov](mailto:dwq_pas@dep.nj.gov).
- b. After review of the RFA, the Department will either:
  - i. Issue notification of authorization under this permit; or
  - 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 so notified may nonetheless request an individual permit under C.4 above.

#### **7. Automatic Renewal of Authorization**

- a. Authorization under this permit will be automatically renewed when this permit is reissued pursuant to N.J.A.C. 7:14A-6.13(d)9 provided the discharge authorized under this permit continues to be eligible. The Department shall issue a notice of renewed authorization to the facility.
- b. 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.

### **C. Submission Requirements**

#### **1. Liner Certifications**

- a. For newly constructed facilities, the permittee must submit certification by a New Jersey licensed Professional Engineer that the liner has been constructed to meet the requirements of this permit, and in accordance with the approved TWA (if required), prior to discharge.
- b. For repairs to liners, the permittee must submit certification by a New Jersey licensed Professional Engineer that the liner has been repaired to meet the requirements of this permit, and in accordance with the approved TWA (if required), prior to resumption of discharge.

- c. For existing facilities requesting authorization under this permit, the permittee must submit certification by a New Jersey licensed Professional Engineer that the liner has been constructed to meet the requirements of this permit, and in accordance with the approved TWA (if required), prior to issuance of permit authorization.
- d. All facilities authorized by this permit must submit liner re-certifications within 3 months of reauthorization of the permit

## **D. Operating Requirements**

### **1. Plot Plan**

- a. The Plot Plan shall include, at a minimum:
  - i. Property boundaries, including municipal tax block and lot information;
  - ii. The location of all regulated units. Each regulated unit shall be identified as Unit #1, Unit #2, etc. The plot plan shall include all pertinent information about the regulated unit; and
  - iii. The location of all existing and proposed structures located on the site and their associated regulated units, if applicable.
- b. A revised Plot Plan shall be submitted within sixty (60) days of a change in site conditions. The Department may request an updated copy of the plot plan at any time.

### **2. Operation and Maintenance Requirements**

- a. The permittee shall develop and implement an Operation and Maintenance (O&M) Plan within ninety (90) days of the effective date of the permit authorization (EDPA).
- b. The O&M Plan shall ensure the proper continued functioning of all regulated units, and shall include the following information:
  - i. A list of all pollutants generated and/or discharged to all units regulated by this permit.
  - ii. A schedule of maintenance and inspections of the processes including the pollutant conveyance and the lined surface impoundment(s).
  - iii. Assessment of emergency situations which affect the discharge activities as outlined in N.J.A.C. 7:14A-6.12(d)3. Emergency procedures in the O & M Manual shall not create an unpermitted discharge or contravene any rules or regulations. If the discharge flows to the regulated units without the aid of pumps, the emergency plan only needs to address equipment and emergency procedures.
  - iv. Procedures for correcting emergency situations.
  - v. Procedures for notifying the appropriate agencies.
  - vi. Location of any onsite temporary or permanent pollutant storage areas.
  - vii. Provisions for utilizing previously approved and constructed diversion mechanisms, if applicable. These provisions shall include the ability to monitor for permit compliance.

- viii. A schedule of physical inspections of all visible portions and areas surrounding the surface impoundment unit(s) to Ensure that the liner material and berms have remained structurally sound; Detect evidence of any deterioration, breakout, malfunctions or improper operation of the over-topping control system; Detect sudden drops in the level of the surface impoundment contents not associated with normal operation of the regulated unit; Detect erosion or other signs of deterioration in berms or other containment devices; Detect the presence of liquids in the leak detection system, if employed.
- ix. A protective cover shall be maintained on earthen dikes to prevent erosion and maintain integrity. However, the dikes shall be free of vegetation having invasive root systems that could displace the earthen materials upon which the structural integrity of the dike is dependent.
- x. A course of action shall be outlined for procedures to be implemented in the event the surface impoundment(s) must be removed from service for reasons other than routine maintenance and/or scheduled rotation of permitted discharge areas. This course of action must address how the discharge will be handled which can include diversion of the discharge to a previously approved reserved disposal area.
- xi. Repaired or replaced liners must be tested for integrity prior to resuming discharge.
- c. The most recent version of the O & M Manual as well as all records of maintenance and inspections must be kept on-site at all times and be available for inspection upon request by the Department.
- d. The permittee must educate all appropriate personnel and licensed operators (as applicable) as to the contents and procedures of the O & M Manual to ensure proper implementation.
- e. After an emergency situation has been corrected, the permittee shall review the emergency procedures in place and submit, if necessary, an updated O & M Manual.

### **3. Closure Requirements**

- a. The permittee shall properly close any existing regulated units which will not be utilized, in accordance with the procedures outlined in N.J.A.C. 7:14A-23.34.
- b. The permittee shall submit a closure plan to the applicable Bureau of Water Compliance and Enforcement office and the Bureau of Ground Water, Residuals, and Permit Administration (BGRPA) no less than sixty (60) days prior to the expected closure of the regulated unit.

## **E. Recordkeeping**

### **1. Specific Requirements**

- a. The permittee shall retain records of all inspection and maintenance records, copies of all reports, and all data used to complete the application for this permit.
- b. The permittee shall retain copies of all reports required by a NJPDES permit and records of all data used to complete the application for a NJPDES permit for a period of at least 5 years.
- c. All records shall be available for Department review during periodic inspections and shall be submitted upon written request.

## **F. General Conditions Applicable to all Permits**

### **1. Compliance with Rules**

- a. The permittee shall comply with any other applicable Federal, State and local rules, regulations and ordinances. The issuance of this permit shall not be considered a waiver from any of these other requirements.
- b. The following conditions are incorporated by reference. The permittee is required to comply with the rules which were in effect as of the effective date of the final permit.
- c. General Permits (N.J.A.C. 7:14A-6.13)
- d. Penalties for Violations - N.J.A.C. 7:14-8.1 et seq.
- e. Consolidation of Permit Processing - N.J.A.C. 7:14A-15.5
- f. Incorporation by Reference – N.J.A.C. 7:14A-2.3
- g. Enforcement Action - N.J.A.C. 7:14A-2.9
- h. General Conditions Applicable to All Permittees – N.J.A.C. 7:14A-6.2 (see also section A.4.c.)
- i. Duty to Reapply - N.J.A.C. 7:14A-4.2(e) (see also section A.4.d.)
- j. Administrative Continuation of Permits - N.J.A.C. 7:14A-2.8
- k. Duty to Mitigate - N.J.A.C. 7:14A-6.2(a)5,6,2(a)1
- l. Permit Actions - N.J.A.C. 7:14A-2.7(c)
- m. Permit Duration and Renewal - N.J.A.C. 7:14A-2.7(a), (b)
- n. Effect of Permit - N.J.A.C. 7:14A-2.9(c), 6.2(a)6&7 (see also section E. 1.)
- o. Inspection and Entry – N.J.A.C. 7:14A-2.11(e)
- p. Severability - N.J.A.C. 7:14A-2.2(b)
- q. Toxic Pollutants - N.J.A.C. 7:14A-6.2(a)4Standard Reopener Clause - N.J.A.C. 7:14A-6.2(a)10
- r. General Permits - N.J.A.C. 7:14A-6.13
- s. Fee Schedule - N.J.A.C. 7:14A-3.1
- t. Treatment Works Approval (TWA) N.J.A.C. 7:14A-22.1 et seq.

## **2. Operation and Maintenance**

- a. Proper Operation and Maintenance - N.J.A.C. 7:14A-6.12(a)
- b. Need to Halt or Reduce not a Defense - N.J.A.C. 7:14A-2.9(b)
- c. Bypass - N.J.A.C. 7:14A-6.11
- d. Upset - N.J.A.C. 7:14A-6.11

## **3. Records and Reporting Requirements**

- a. Record Keeping - N.J.A.C. 7:14A-6.6

- b. Planned Changes - N.J.A.C. 7:14A-6.7
- c. Changes in Discharge – N.J.A.C. 7:14A-6.7
- d. Anticipated Noncompliance - N.J.A.C. 7:14A-6.7
- e. Transfer - N.J.A.C. 7:14A-6.2(a)8, 6.13(n), 16.1, 16.2
- f. Compliance Schedules - N.J.A.C. 7:14A-6.4
- g. Noncompliance Reporting - N.J.A.C. 7:14A-6.10
- h. Duty to Provide Information – N.J.A.C. 7:14A-2.11, 6.2(a)14
- i. Signatory Requirements - N.J.A.C. 7:14A-4.9
- j. Public Access to Information – N.J.A.C. 7:14A-18.1
- k. Additional Requirements for all Existing Manufacturing, Commercial Mining, Silviculture, and Research Facilities - N.J.A.C. 7:14A-11.3
- l. Missing or Incorrect Information - N.J.A.C. 7:14A-2.11(f), 6.10(e)2 and (f)3
- m. Confidentiality - N.J.A.C. 7:14A-18.2
- n. Copies of the NJPDES rules are available on the Division of Water Quality's website at:  
<https://dep.nj.gov/dwq/all-division-rules-and-regulations/>

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0142051  
DGW240001 Ground Water Master General Permit Renewal