



## State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

MAIL CODE 401-02B

DIVISION OF WATER QUALITY

BUREAU OF GROUND WATER, RESIDUALS, AND PERMIT ADMINISTRATION

401 E. STATE STREET, P.O. BOX 420

TRENTON, NJ 08625-0420

[www.state.nj.us/dep/dwq](http://www.state.nj.us/dep/dwq)

PHILIP D. MURPHY  
*Governor*

SHAWN M. LATOURETTE  
*Commissioner*

TAHESHA L. WAY  
*Lt. Governor*

Date: June 28, 2024

Re: Residual Master General Permit Renewal  
Cat: WTRG - Sludge Quality Categories 10 - 13 (GP)  
NJPDES Permit No.: NJ0215546, Program Interest No.: 50577  
NJPDES Master General Permit Program Interest  
Trenton City, Mercer County

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. This action contains the conditions necessary to implement the provisions of the Sludge Quality Assurance Regulations for residual quality and quantity monitoring for any Public Water Treatment System (PWTS) that generates sludge.

No written comments were received on the draft action during the comment period, and no provisions of the draft permit have been changed in the final permit. Therefore, the right by you, or any third party, to contest the permit conditions in an adjudicatory hearing is hereby waived pursuant to N.J.A.C. 7:14A-15.13.

Questions or comments regarding the final action should be addressed to Michael Hubal at (609) 984-4428 or [Michael.Hubal@dep.nj.gov](mailto:Michael.Hubal@dep.nj.gov).

Sincerely,

Patrick R. Brown, Supervisor  
Residuals Unit

Bureau of Ground Water, Residuals, and Permit Administration

Enclosures

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

## **FACT SHEET**

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

**PERMIT ACTION:** Residual Master General Permit Renewal

**1. Name and Address of the Applicant:**

NJPDES Master General Permit - Category **WTRG**  
Per Individual Notice of Authorization

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

NJPDES Master General Permit - Category **WTRG**  
Per Individual Notice of Authorization

**3. Description of the Facilities Covered by this Permit:**

This general New Jersey Pollutant Discharge Elimination System (NJPDES) permit renewal is issued in accordance with N.J.A.C. 7:14A and applies to any Public Water Treatment System (PWTS) that generates sludge. "Public water treatment system" means any structure or structures delivering water into a public water distribution system as identified by a specific ID number pursuant to the Safe Drinking Water Act regulations, N.J.A.C. 7:10, and which subjects water, prior to use for potable purposes, to the addition or subtraction of a substance or substances in order to enhance the safeness, palatability, public health, purity, or aesthetic qualities; or reduce the corrosive or hazardous properties of the water used. This general permit issued to the PWTS generating the residual is intended to implement the provisions of the Sludge Quality Assurance Regulations (SQAR, N.J.A.C. 7:14C) for residual quality and quantity monitoring as well as other general conditions required by N.J.A.C. 7:14A-6.

Table 1 lists the names of the permittees currently authorized under this general permit.

**4. Specific Authorization Criteria:**

The Department has determined that this activity requires similar operating conditions, requires the same monitoring, and is more appropriately regulated under a general permit rather than individual permits. The general permit does not address and is not an approval of any past activity that the facility conducted that has affected or may adversely affect the waters of the State.

This general permit will cover the following class of facilities:

1. The source of sludge must be from a PWTS that generates sludge.

2. Any out-of-state facility meeting the above criteria that transports sewage sludge into the State of New Jersey for use or disposal.

## **5. Request for Authorization:**

All PWTSS meeting the above criteria must submit a complete Request for Authorization (RFA) seeking authorization under this general permit. RFA requirements are explained in Part II, General Requirements, B.11.a of this permit. However, the Department may notify a person that the conditions relating to residual generation, use and disposal are authorized by a general permit, even if the person has not submitted a RFA. A person so notified may nonetheless request to be excluded from authorization under the general permit in accordance with Part II, General Requirements, B.10.a of this permit.

Application forms are available at the following address:

[https://dep.nj.gov/dwq/permitting\\_information/permits\\_application\\_forms\\_and\\_checklists/#RES](https://dep.nj.gov/dwq/permitting_information/permits_application_forms_and_checklists/#RES) or call (609) 984-4428.

All existing authorizations will be automatically renewed upon reissuance of this general permit. However, the renewal of an authorization either requires a notice to the Department that there are no changes or a new RFA to be submitted to update any information that is no longer true, accurate and/or complete.

## **6. Basis for Permit Conditions:**

The Department administers a regulatory program for the use and management of residuals generated by domestic and industrial treatment works. Of fundamental importance is the need to control sludge quality. Under applicable laws, the Department is directed to issue permits to limit concentrations of heavy metals, pesticides, organic chemicals and other contaminants in sludge in conformance with land-based sludge management criteria. All treatment works with a discharge regulated under N.J.A.C. 7:14A must have permits that implement applicable technical standards for residuals management. This general permit issued to the treatment works generating the residual is intended to implement the provisions of the Sludge Quality Assurance Regulations (SQAR, N.J.A.C. 7:14C) for residual quality and quantity monitoring as well as other general conditions required by N.J.A.C. 7:14A-6. These conditions are currently implemented through individual permits issued to applicable treatment works. However, the Department believes that these conditions are more appropriately controlled under a general permit than the individual permits for the following reasons:

1. The class of facilities covered by the general permit all have the same or similar operating conditions, standards for residual use or disposal, monitoring and reporting.
2. Sludge monitoring locations can change frequently. The Department can better accommodate sludge monitoring location changes through issuance of authorizations under this general permit specific to sludge monitoring requirements as opposed to individual permits which often address multiple discharge categories.
3. Many times the generation of sewage sludge is not associated with a specific discharge to ground water or surface water. In such cases there are often inequities created when a discharge activity ceases, thus causing the revocation of a discharge permit along with any sludge monitoring that was incorporated with the permit, even though the generation of the sludge may be continuing.

4. There are many sludge generators that currently do not have NJPDES permits because there are no other regulated discharge activities. Currently, these treatment works are required to record keep information required by SQAR. It is the intent of the Department to eventually create general permits for all SQAR categories in order to require all facilities generating sludge to report; therefore, treating all facilities equitably.
5. There is currently no mechanism to track the importation of sludge into the State. Implementation of the general permit will allow the Department to impose the same requirements on out-of-state facilities as are required by in-state facilities.

The SQAR were initially promulgated in October 1979. With the SQAR, the Department embarked on a major program of monitoring the quality and quantity of sludge generated throughout the State by domestic and industrial treatment works. For clarification, SQAR also applies to out-of-state sludge generators if they transport sludge into the State of New Jersey for use or disposal. The SQAR have been in effect for more than 40 years, and the information submitted by the treatment works with regard to their sludge has been extremely useful to the Department in evaluating sludge management plans and establishing land-based sludge management criteria, and to the generators in developing appropriate sludge management alternatives and implementing applicable pretreatment programs.

PWTSS that generate sludge are considered a reporting Category 10, 11, 12, or 13 based on sludge production pursuant to N.J.A.C. 7:14C-1.5. The reporting category determines the frequency of sampling and analysis for all required sludge reports in accordance with N.J.A.C. 7:14C-1.9 as follows:

1. An annual Waste Characterization Report (WCR) which shall include: the total sludge removed for use or disposal on a wet basis (gallons, cubic yards or wet tons) per year; the total sludge removed for use or disposal on a dry basis (wet metric tons) per year; and the total solids content (percent by weight) for each form of sludge removed for use or disposal per year.
2. A monthly Residuals Transfer Report (RTR) which shall include the quantity of residuals accepted from each generator and sent to each management site on a wet basis (gallons, cubic yards, and/or metric tons) per month.
3. A monthly (Category 13), bi-monthly (Category 12), quarterly (Category 11), or annual (Category 10) Discharge Monitoring Report (DMR) which shall include analyses of the metals and other selected chemical parameters listed in Appendix, Table VIII of the SQAR for each form of sludge removed for use or disposal during the reporting period.

The documents listed below were instrumental in the Department's development of the permit conditions and monitoring requirements of this general permit:

1. New Jersey "Water Pollution Control Act" and amendments - N.J.S.A. 58:10A-1 et seq.
2. New Jersey "Solid Waste Management Act" and amendments - N.J.S.A. 13:1E-1 et seq.
3. United States Environmental Protection Agency "Standards for the use or disposal of sewage sludge" (40 CFR Part 503).
4. "New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A).

5. Technical Manual for Residuals Management, May 1998.
6. USEPA Part 503 Implementation Guidance, EPA 833-R-95-001, October 1995. This document is a compilation of federal requirements, management practices and EPA recommended permit conditions for sewage sludge use and management practices.
7. USEPA A Plain English Guide to the EPA Part 503 Biosolids Rule, EPA/832/R- 93/003, September 1994.
8. New Jersey “Statewide Sludge Management Plan”, January 2006.
9. New Jersey “Sludge Quality Assurance Regulations” (SQAR), N.J.A.C. 7:14C.
10. Technical Support Document for Land Application of Sewage Sludge, Volumes I and II, EPA 822/R-93-001a and 001b, November 1992.
11. USEPA Process Design Manual Land Application of Sewage Sludge and Domestic Septage, EPA/625/R-95/001, September 1995. This manual summarizes nationwide information concerning land application of sludges.
12. USEPA Environmental Regulations and Technology: Control of Pathogens and Vector Attraction in Sewage Sludge, EPA/625/R-92/013, revised October 1999.
13. USEPA Guide to the Biosolids Risk Assessments for the EPA Part 503 Rule, EPA-832-B-93-005, September 1995.
14. New Jersey Sludge Sampling and Analytical Guidance Document, April 2010, or as amended or supplemented.
15. Draft General NJPDES Permit No. NJ0215546 issued May 2, 2024.

## **7. Name, Bureau, and Phone Number of Contact Persons:**

Michael Hubal, Bureau of Ground Water, Residuals, and Permit Administration, (609) 984-4428 or via email at michael.hubal@dep.state.nj.us.

Table 1 - list of the permittees authorized under this general permit.

Facility Name	NJPDES Permit Number	PI Number	County	Municipality
ATLANTIC HIGHLANDS WTP	NJG0224511	46090	Monmouth	Atlantic Highlands Boro
BECKETT WELL STATION (TP002009)	NJG0348481	1030878	Gloucester	Logan Twp
BORDENTOWN CITY WFP	NJG0224537	46138	Mercer	Hamilton Twp
BUTLER WATER DEPARTMENT	NJG0224545	46159	Morris	Kinnelon Boro
CAMDEN CITY MORRIS DELAIR WTP	NJG0224936	46644	Camden	Pennsauken Twp
CANOE BROOK STATION	NJG0224642	49263	Essex	Millburn Twp
FAYSON LAKE WATER COMPANY	NJG0224561	46342	Morris	Kinnelon Boro
FREEHOLD WATER TREATMENT PLANT	NJG0224570	46365	Monmouth	Freehold Twp
GREEN ST WTP	NJG0224588	46301	Burlington	Mount Holly Twp

HARBOR ROAD WTP	NJG0224596	46581	Monmouth	Marlboro Twp
HERON AVE WTP	NJG0224618	46770	Salem	Pennsville Twp
JERSEY CITY WATER TREATMENT FACILITIES	NJG0158321	244222	Morris	Parsippany-Troy Hills
KEANSBURG WATER TREATMENT PLANT	NJG0224626	493754	Monmouth	Keansburg Boro
LAMBS LANE WTP-UNITED WATER MANALAPAN	NJG0222178	46574	Monmouth	Manalapan Twp
MATAWAN WTP	NJG0250872	716470	Monmouth	Matawan Boro
NEW JERSEY AMERICAN WATER BIRCH CREEK WTP	NJG0316750	926478	Gloucester	Logan Twp
NEW JERSEY AMERICAN WATER BROWNING LANE WTP	NJG0316822	926633	Camden	Cherry Hill Twp
NEW JERSEY AMERICAN WATER GIBBSBORO WTP	NJG0316768	926484	Camden	Gibbsboro Boro
NEW JERSEY AMERICAN WATER HADDON HEIGHTS WTP	NJG0316784	926599	Camden	Haddon Heights Boro
NEW JERSEY AMERICAN WATER MAGNOLIA WTP	NJG0316831	926636	Camden	Magnolia Boro
NEW JERSEY AMERICAN WATER OLD ORCHARD WTP	NJG0316865	926728	Camden	Cherry Hill Twp
NEW JERSEY AMERICAN WATER OTTER BROOK WTP	NJG0316849	926709	Camden	Gloucester Twp
NEW JERSEY AMERICAN WATER RANNEY WTP	NJG0316857	628866	Salem	Carneys Point Twp
NJ AMERICAN WATER CO - MANSFIELD WTP	NJG0224944	47774	Burlington	Mansfield Twp
NJ AMERICAN WATER - WOODLANE WTP	NJG0224961	46302	Burlington	Mount Holly Twp
NORTH BRUNSWICK TWP-WTP	NJG0224979	46706	Somerset	Franklin Twp
PARKSIDE WATER TREATMENT PLANT	NJG0288675	793341	Camden	Camden City
PASSAIC VALLEY WATER COMMISSION	NJG0157368	244220	Passaic	Totowa Boro
PENNSVILLE TOWNSHIP WTP	NJG0224669	46771	Salem	Pennsville Twp
PEQUANNOCK WTP	NJG0224677	46677	Essex	Newark City
RAHWAY WTP	NJG0224693	50518	Union	Rahway City
ROBERT FROST WTF	NJG0224707	46376	Mercer	Hamilton Twp
RUNYON WATER TREATMENT PLANT	NJG0249971	46778	Middlesex	Old Bridge Twp
SHORELANDS WATER CO PLANT #1	NJG0224715	46899	Monmouth	Hazlet Twp
SHORELANDS WATER CO PLANT #2	NJG0224723	46900	Monmouth	Holmdel Twp
SUEZ WATER MATCHAPONIX INC.	NJG0224758	46587	Monmouth	Manalapan Twp
SUEZ WATER NEW JERSEY LAMBERTVILLE	NJG0224740	46535	Hunterdon	Lambertville City
SUSSEX BORO WATER TREATMENT PLANT	NJG0281786	780838	Sussex	Wantage Twp
TAYLORTOWN FILTER PLANT	NJG0224731	46136	Morris	Montville Twp
TRENTON WATER WORKS	NJG0224952	47001	Mercer	Trenton City
VEOLIA WATER NJ GREENBROOK ESTATES WELL 27A	NJG0297763	811887	Passaic	West Milford Twp
VEOLIA WATER NJ WYANDOTTE WATER TREATMENT PLA	NJG0225703	628868	Bergen	Franklin Lakes Boro

WOODBINE MUA WTP	NJG0224766	47096	Cape May	Woodbine Boro



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

**RESPONSE TO COMMENTS**

This constitutes the New Jersey Department of Environmental Protection (Department) response to comments raised during the public comment period for draft New Jersey Pollutant Discharge Elimination System (NJPDES) Master General Permit No. NJ0215546 (the Permit) issued to the NJDEP Division of Water Quality on May 2, 2024. Under this permit renewal, individual Authorizations are issued to those Public Water Treatment Works that generate a sludge and is intended to implement the provisions of the Sludge Quality Assurance Regulations (SQAR, N.J.A.C. 7:14C) for residual quality and quantity monitoring as well as other general conditions required by N.J.A.C 7:14A-6.

The Public Notice was published in the Courier Post on May 19, 2024, and the Star-Ledger, Times of Trenton, Asbury Park Press, the Press of Atlantic City, and the Burlington County Times on May 21, 2024. It was published in the *DEP Bulletin* on May 15, 2024. In accordance with N.J.A.C. 7:14A-15.10(c)1.i the public comment period ended on June 21, 2024.

No written comments were received on the draft action during the comment period, and no provisions of the draft permit have been changed in the final permit.



# 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: NJ0215546**

**FINAL: Residual Master General Permit Renewal**

**Permittee:**

**General Permit**

**Per Individual Notice of Authorization**

**Co-Permittee:**

**Property Owner:**

**NJDEP – Division of Water Quality  
401 E. State Street  
Trenton, NJ 08625**

**Location Of Activity:**

**General Permit  
Per Individual Notice of Authorization**

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
WTRG - Sludge Quality Categories 10 - 13 (GP)	6/28/2024	01/01/2025	12/31/2029

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

**DEP AUTHORIZATION**

**Stephen Boyer, Section Chief**

**Bureau of Ground Water, Residuals, and Permit Administration**

## PART I GENERAL REQUIREMENTS: NJPDES

### A. General Requirements of all NJPDES Permits

#### 1. Requirements Incorporated by Reference

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

## **PART II**

# **GENERAL REQUIREMENTS: DISCHARGE CATEGORIES**

### **A. Additional Requirements Incorporated By Reference**

#### **1. General Discharge Requirements**

- a. The permittee shall comply with land-based sludge management criteria and shall conform with the requirements for the management of residuals and grit and screenings under N.J.A.C. 7:14A-6.15(a), which includes:
  - i. Standards for the Use or Disposal of Residual, N.J.A.C. 7:14A-20;
  - ii. Section 405 of the Federal Act governing the disposal of sludge from treatment works treating domestic sewage;
  - iii. The Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Solid Waste Management Rules, N.J.A.C. 7:26;
  - iv. The Sludge Quality Assurance Regulations, N.J.A.C. 7:14C;
  - v. The Statewide Sludge Management Plan promulgated pursuant to the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.;
  - vi. The provisions concerning disposal of sewage sludge and septage in sanitary landfills set forth at N.J.S.A. 13:1E-42 and the Statewide Sludge Management Plan; and
  - vii. Residual that is disposed in a municipal solid waste landfill unit shall meet the requirements in 40 CFR Part 258 and/or N.J.A.C. 7:26 concerning the quality of residual disposed in a municipal solid waste landfill unit. (That is, passes the Toxicity Characteristic Leaching Procedure and does not contain "free liquids" as defined at N.J.A.C. 7:14A-1.2.)

### **B. General Conditions**

#### **1. Standard Reporting Requirements – Monitoring Report Forms (MRFs)**

- a. All MRFs shall be electronically submitted to the Department's MRF Submission Service.
- b. MRF data submission shall be in accordance with the guidelines and provisions outlined in the Department's Electronic Data Interchange (EDI) agreement with the permittee.
- c. MRFs shall be submitted at the frequencies identified in Part III of this permit.
- d. All MRFs shall be certified by the highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility.
- e. The highest ranking official may delegate responsibility to certify the MRFs in his or her absence. Authorizations for other individuals to certify shall be made in accordance with N.J.A.C. 7:14A-4.9(b).

- f. Monitoring results shall be submitted in accordance with the current NJPDES MRF Reference Manual and any updates thereof.
- g. If monitoring for a parameter is not required in a monitoring period, the permittee must report "CODE=N" for that parameter.
- h. If, for a monitored location, there are no discharge events during an entire monitoring period, the permittee must notify the Department when submitting the monitoring results by checking the "No Discharge this monitoring period" box on the paper or electronic version of the monitoring report submittal form.

**2. 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.

**3. Notification of Non-Compliance**

- a. The permittee shall notify the Department of all non-compliance when required in accordance with N.J.A.C. 7:14A-6.10 by contacting the DEP HOTLINE at 1-877-WARNDEP (1-877-927-6337).
- b. The permittee shall report any noncompliance with the land-based sludge management criteria to the Department and to the ultimate sludge management alternative utilized by the permittee in accordance with Part IV, D.1.b of this permit.

**4. Notification of Facility Changes**

- a. The permittee shall give written notice to the Department of any planned physical alterations or additions to the permitted facility when the alteration or addition is expected to result in a significant change in the permittee's discharge(s) and/or residual use or disposal practices. This includes, but is not limited to, any changes in the treatment process that would result in a change to: sludge quality, a monitored location, and/or addition of a monitored location.

**5. 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.

**6. Notification of Changes to the Facility/Permit Contacts**

- a. The permittee shall notify the Department within thirty (30) days of a change in contact information for any of the following persons associated with the facility/permit:
  - i. Permittee/Operating Entity Contact;
  - ii. Property Owner Contact;
  - iii. Facility Contact; or
  - iv. Fees/Billing Contact.

- b. Notification to the Department shall be in the form of a completed Contact Information Update form (i.e. NJPDES-2 form), which is available on the Department's website or by contacting the appropriate permitting program.

## **7. Permit Conditions Relating to Residuals Management**

- a. If any applicable standard for residual use or disposal is promulgated under section 405(d) of the Federal Act and Sections 4 and 6 of the State Act and that standard is more stringent than any limitation on the pollutant or practice in the permit, the Department may modify or revoke and reissue the permit to conform to the standard for residual use or disposal.
- b. The permittee shall make provisions for storage, or some other approved alternative management strategy, for anticipated downtimes at a primary residual management alternative. The permittee shall not be permitted to store residual beyond the capacity of the structural treatment and storage components of the treatment works. N.J.A.C. 7:14A-20.8(a) and N.J.A.C. 7:26 provide for the temporary storage of residuals for periods not exceeding six months, provided such storage does not cause pollutants to enter surface or ground waters of the State. The storage of residual for more than six months is not authorized under this permit. However, this prohibition does not apply to residual that remains on the land for longer than six months when the person who prepares the residual demonstrates that the land on which the residual remains is not a surface disposal site or landfill. The demonstration shall explain why residual must remain on the land for longer than six months prior to final use or disposal, discuss the approximate time period during which the residual shall be used or disposed and provide documentation of ultimate residual management arrangements. Said demonstration shall be in writing, be kept on file by the person who prepares residual, and submitted to the Department upon request.
- c. The permittee shall comply with the appropriate adopted District Solid Waste or Sludge Management Plan (which by definition in N.J.A.C. 7:14A-1.2 includes Generator Sludge Management Plans), unless otherwise specifically exempted by the Department.
- d. The preparer must notify and provide information necessary to comply with the N.J.A.C. 7:14A-20 land application requirements to the person who applies bulk residual to the land. This shall include, but not be limited to, the applicable recordkeeping requirements and certification statements of 40 CFR 503.17 as referenced at N.J.A.C. 7:14A-20.7(j).
- e. The preparer who provides residual to another person who further prepares the residual for application to the land must provide this person with notification and information necessary to comply with the N.J.A.C. 7:14A-20 land application requirements.
- f. Any person who prepares bulk residual in New Jersey that is applied to land in a State other than New Jersey shall comply with the requirement at N.J.A.C. 7:14A-20.7(b)1.ix to submit to the Department written proof of compliance with or satisfaction of all applicable statutes, regulations, and guidelines of the state in which land application will occur.

## **8. Additional General Requirements**

- a. This general permit may be issued, modified, revoked and reissued, or terminated in accordance with applicable requirements of N.J.A.C. 7:14A-15, 16 and 17.
- b. With the consent of the permittee, the Department shall revoke an authorization to discharge under this general permit without following the procedures set forth in N.J.A.C. 7:14A-15.6 if the discharge has ceased and provided that all applicable closure requirements as required by N.J.A.C. 7:14A-23.34 have been completed.

## **9. Requirements to Obtain an Individual Permit**

- a. The Department may require any person authorized by this general New Jersey Pollutant Discharge Elimination System (NJPDES) permit to apply for and obtain an individual NJPDES permit. Cases in which an individual NJPDES permit may be required include the following:
  - i. The quantity and/or quality of the discharge changes such that site specific requirements are necessary;
  - ii. The permittee is not in compliance with the conditions of the general NJPDES permit;
  - iii. A change has occurred such that the source does not involve the same or substantially similar types of operating procedures; or
  - iv. A change has occurred such that the source does not require the same or similar monitoring.
- b. The Department may require any owner, operator and/or discharger authorized by this general NJPDES permit to apply for an individual NJPDES permit as provided above, only if the owner, operator, or discharger has been notified in writing that a permit application is required. This notice shall include a statement establishing a deadline by which the owner, operator, and/or discharger is to file the application, and a statement that on the effective date of the individual NJPDES permit the general NJPDES permit as it applies to the individual permittee shall be revoked.

## **10. Exclusions**

- a. Any owner, operator, and/or discharger authorized by 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 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 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.

## **11. Administrative Requirements**

- a. Persons seeking authorization under this general permit shall submit to the Department a written Request for Authorization (RFA). A RFA under this general permit shall include the following: A completed NJPDES 1 Form and a completed Form R.
- b. The Department may notify a person that the discharge is authorized by a general permit, even if the person has not submitted a RFA. A person so notified may nonetheless request an individual permit under B.10 above.
- c. Authorizations under this general permit shall become effective upon receipt of notification of authorization by the Department as allowed pursuant to N.J.A.C. 7:14A-6.13(d)5.iii.
- d. Upon reissuance of this general permit, authorizations shall be automatically renewed as allowed pursuant to N.J.A.C. 7:14A-6.13(d)9. However, the renewal of an authorization either requires a notice to the Department that there are no changes or a new RFA to be submitted to update any information that is no longer true, accurate and/or complete

## **12. Access**

- 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. The Department or its designated agent may take samples of sludge to verify the reported analytical data and to determine if the permittee is in compliance with this permit.



## PART III

# LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION:  
S13A SQAR-Example Location

DISCHARGE CATEGORY(IES):  
WTRG - Sludge Quality Categories 10 -  
13 (GP)

### Location Description

The parameters contained in these monitored report forms are representative of a Category 13 facility. The permit category, sampling location(s), and monitoring frequency will be determined by your application (Form R). Where a treatment works generates different types of residuals that are removed separately for use or disposal separate sampling points for each different type of residual may need to be established.

### Contributing Waste Types

Ind Residual-Water Treat

### Residuals DMR Reporting Requirements:

Submit a Monthly DMR: due 60 calendar days after the end of each calendar month.

### Comments:

Additionally, radionuclides are required to be tested in the sludge if the PWTs receives source water or uses additives known to or suspected of having elevated radionuclide concentrations. The radionuclides to be tested include, but are not limited to, radium-226, radium-228, uranium-238, uranium-234, uranium-235, and thorium-232.

**Table III - A - 1: Residuals DMR Limits and Monitoring Requirements**

PHASE: Final      PHASE Start Date: 01/01/2025      PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Solids, Total	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	%TS	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Nitrate Nitrogen, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Nitrogen, Kjeldahl Total, Dry Wt	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Potassium Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			

**Residuals DMR Reporting Requirements:**

Submit a Monthly DMR: due 60 calendar days after the end of each calendar month.

**Comments:**

Additionally, radionuclides are required to be tested in the sludge if the PWTS receives source water or uses additives known to or suspected of having elevated radionuclide concentrations. The radionuclides to be tested include, but are not limited to, radium-226, radium-228, uranium-238, uranium-234, uranium-235, and thorium-232.

**Table III - A - 1: Residuals DMR Limits and Monitoring Requirements****PHASE:** Final**PHASE Start Date:** 01/01/2025**PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Nitrogen, Ammonia Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Molybdenum Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Phosphorus Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Arsenic, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Aluminum, Total (as Al)	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Selenium, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Copper, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			

**Residuals DMR Reporting Requirements:**

Submit a Monthly DMR: due 60 calendar days after the end of each calendar month.

**Comments:**

Additionally, radionuclides are required to be tested in the sludge if the PWTS receives source water or uses additives known to or suspected of having elevated radionuclide concentrations. The radionuclides to be tested include, but are not limited to, radium-226, radium-228, uranium-238, uranium-234, uranium-235, and thorium-232.

**Table III - A - 1: Residuals DMR Limits and Monitoring Requirements****PHASE:**Final**PHASE Start Date:** 01/01/2025**PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Cadmium, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Zinc, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Lead, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Nickel, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Mercury, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Iron, Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Bromoform Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			

**Residuals DMR Reporting Requirements:**

Submit a Monthly DMR: due 60 calendar days after the end of each calendar month.

**Comments:**

Additionally, radionuclides are required to be tested in the sludge if the PWTs receives source water or uses additives known to or suspected of having elevated radionuclide concentrations. The radionuclides to be tested include, but are not limited to, radium-226, radium-228, uranium-238, uranium-234, uranium-235, and thorium-232.

**Table III - A - 1: Residuals DMR Limits and Monitoring Requirements****PHASE:** Final**PHASE Start Date:** 01/01/2025**PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Chlorodibromomethane Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Chloroform Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			
Dichlorobromomethane Dry Weight	Industrial Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Month	Composite
January thru December	QL	***	***		***	***	***			

**Residuals Transfer Reporting Requirements:**

Submit a Monthly RTR: due 60 calendar days after the end of each calendar month.

MONITORED LOCATION:

S13P SQAR

DISCHARGE CATEGORY(IES):WTRG - Sludge Quality Categories 10 -  
13 (GP)**Location Description**

Production information shall be collected on all residuals leaving the treatment plant for use or disposal. All residuals removed from the treatment works during the reporting period must be reported on the Monitoring Report Forms (MRF's). If the permittee is removing residuals for use or disposal from a location other than the monitored location(s) in Part III of the permit, the permittee shall contact the BGRPA prior to removal to determine if the residual should be reported on the existing MRF's or if a new monitored location should be added.

**Residuals WCR - Annual Reporting Requirements:**

Submit an Annual WCR: due 60 calendar days after the end of each calendar year.

**Table III - B - 1: Residuals WCR - Annual Limits and Monitoring Requirements****PHASE:** Final**PHASE Start Date:** 01/01/2025**PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Amt Sludge Rmvd, Wet Cubic Yards	Industrial Residuals	REPORT	WCY/YR	Calculated	January thru December
Amt Sludge Rmvd, Wet Metric Tons	Industrial Residuals	REPORT	WMT/YR	Calculated	January thru December
Amt Sludge Rmvd, Gallons	Industrial Residuals	REPORT	GAL/YEAR	Calculated	January thru December
Total Amount of Sludge Removed	Industrial Residuals	REPORT	DMT/YR	Calculated	January thru December
Solids, Total	Industrial Residuals	REPORT	%TS	Composite	January thru December

## PART IV

# SPECIFIC REQUIREMENTS: NARRATIVE

### Notes and Definitions

#### A. Footnotes

##### 1. Statistical Base Limit

- a. Monthly Average - report the arithmetic mean of all samples taken during that month.

##### 2. Sample Type

- a. Composite - a minimum of five (5) grab samples of equal volumes shall be taken to form a representative composite of residual quality in accordance with N.J.A.C. 7:14C-1.6.

#### 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. "Land-based sludge management criteria" means those standards established by the Department in the Statewide Sludge Management Plan adopted pursuant to the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., or established pursuant to the Clean Water Act or the Federal Water Pollution Control Act (33 U.S.C. Section 1251 et seq.) including all subsequent supplements and amendments, or any regulations adopted pursuant thereto.
- c. "Sludge" means the solid residue and associated liquid resulting from physical, chemical, and/or biological treatment of domestic or industrial wastewaters.
- d. "Treatment works" means any treatment works as defined by N.J.A.C. 7:14A-1.2 and N.J.S.A. 58:10A-3.
- e. "Ultimate sludge management alternative" means the final management of sludge at a facility or operation such that no additional permit or approval actions are required for further processing or movement.

## Sludge Quality Categories 10 - 13 (GP)

### A. Sludge Quality Requirements

#### 1. Residuals Information

- a. The parameters required to be monitored are specifically stated under Part III of this permit.
- b. All sludge samples shall be collected at locations representative of the chemical and physical characteristics of the sludge removed from the last treatment process before leaving the treatment plant for use or disposal.
- c. Where a treatment works generates several different types of sludges (for example, primary, secondary or advanced wastewater treatment sludges) each of which is removed separately for use or disposal, separate composite samples for each different type of sludge shall be analyzed for the parameters under Part III of this permit.
- d. All residuals removed from the treatment works during the reporting period must be reported on the Residuals Transfer Report. If the permittee is removing residuals for use or disposal from a location other than the monitored location in Part III of the permit, the permittee shall contact Bureau of Ground Water, Residuals, and Permit Administration prior to removal to determine if the residual should be reported on the existing Monitoring Report Forms or if a new monitored location should be added.
- e. A sludge sampling plan that details the sampling and analytical procedures pursuant to N.J.A.C. 7:14C-1.6(c) shall be developed and maintained for all parameters under Part III of this permit.
- f. All sample collection, preservation and analysis shall be performed in a manner consistent with the Sludge Quality Assurance Regulations (N.J.A.C. 7:14C).
- g. All monitoring required by this permit shall be performed by a laboratory certified by the Department for the analysis of those specific parameters in accordance with N.J.A.C. 7:18.
- h. All sample frequencies expressed in Part III are minimum requirements. If the permittee monitors any parameter more frequently than required by this permit and uses the test procedures contained herein, the results of this monitoring shall be included in the calculation and reporting of the data submitted. Such increased frequency shall also be indicated.

### B. Recordkeeping

#### 1. Standard Recordkeeping Requirements

- a. 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.

#### 2. Residuals Information

- a. In addition to the information required under Part III, the permittee shall retain the following information for a period of at least five (5) years:
  - i. All records of the monitoring information, and quality assurance and quality control documentation specified in N.J.A.C. 7:14C-1.4(f).
  - ii. Records on the quality of all residual received pursuant to the Sludge Quality Assurance Regulations at N.J.A.C. 7:14C.

### C. Reporting



## Sludge Quality Categories 10 - 13 (GP)

### 1. Residuals Information

- a. The frequency of reporting to the Department of the records kept under Part III shall be as specifically stated therein.
- b. The permittee shall report monitoring results on the Discharge Monitoring Reports (DMR), Waste Characterization Reports (WCR), Residuals Transfer Reports (RTR), or other monitoring report forms, where specified, and all applicable information required on the forms shall be entered in the manner specified therein before submission. Any information not in compliance with this condition shall not be deemed to fulfill the reporting requirements of this permit.
- c. Submit any modifications to the sludge sampling plan required pursuant to Section A.1.e above within thirty (30) days of any subsequent sampling plan modification. The sludge sampling plan modification shall be submitted to: Mail Code 401-02B, Division of Water Quality, Bureau of Ground Water, Residuals, and Permit Administration, P.O. Box 420, Trenton, New Jersey 08625-0420

## D. Operation and Management

### 1. Residuals Information

- a. The permittee shall comply with the land-based sludge management criteria applicable to the ultimate sludge management alternative utilized by the permittee. It shall be the responsibility of the permittee to ensure that all residual accepted is compatible with the land-based sludge management criteria applicable to the ultimate sludge management alternative utilized by the permittee.
- b. The permittee shall report any noncompliance with the land-based sludge management criteria to the Department. The noncompliance with the land-based sludge management criteria shall be orally reported within 24 hours of the permittee becoming aware of the noncompliance to the Bureau of Ground Water, Residuals, and Permit Administration at (609) 984-4428 and to the ultimate sludge management alternative. A written submission shall be made within five days thereafter to: Mail Code 401-02B, Division of Water Quality, Bureau of Ground Water, Residuals, and Permit Administration, P.O. Box 420, Trenton, New Jersey 08625-0420, with a copy to the ultimate sludge management alternative, and shall include the following information:
  - i. Dates of occurrence;
  - ii. A description of the noncompliance with the land-based sludge management criteria;
  - iii. The cause of the noncompliance; and
  - iv. Steps being taken to reduce, eliminate and prevent reoccurrence of the noncompliance.
- c. Based on information submitted pursuant to (b) above, or pursuant to N.J.A.C. 7:14A-20.5, the Department may require the permittee to perform and submit the results of additional sludge analyses, obtain under N.J.A.C. 7:26G a formal waste classification of the sludge removed for use or disposal, and/or require other actions when necessary to protect public health or the environment from any adverse effect of a pollutant in the sludge.

### 2. Acceptance of Customer Residuals by Treatment Works located in New Jersey

- a. Prior to accepting a residual source that has not been issued an Authorization under one of the New Jersey Sludge Quality Assurance Regulation (SQAR) General Permits, the permittee shall submit a completed Domestic or Industrial Generator Form R (whichever is applicable), signed by a duly authorized representative of the residual generator.
- b. The permittee has one hundred eighty (180) days from the effective date of this permit to submit a completed Form R from a residual source that is currently being accepted and has not been issued an Authorization under one of the New Jersey Sludge Quality Assurance Regulation (SQAR) General Permits.
- c. The permittee is prohibited from receiving residual sources that do not have a completed Form R on file with the Department pursuant to (a) and (b) above.
- d. Additional source screening analyses or a formal waste classification under N.J.A.C. 7:26G may be required, if deemed necessary, in the judgement of the NJDEP through evaluation of past SQAR reports or other relevant information concerning residual quality and industrial discharges.
- e. If the nature of residual reported on a Form R should change at any time due to an increase or change in process wastewater contributions, a change in treatment process, or a change in its process, handling, manufacturing, packaging, storage, or disposal practice, a new Form R shall be submitted within 90 days of the change.

**3. Closure Requirements for Treatment Works located in New Jersey**

- a. The permittee shall follow the closure procedures at N.J.A.C. 7:14A-23.34.
- b. All residual material shall be removed within 180 calendar days after the treatment works and/or equipment is taken out of service.
- c. Proof of proper residual management shall be submitted within thirty (30) calendar days after their removal from a closed unit.

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0215546  
RES240002 Residual Master General Permit Renewal