



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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

SHAWN M. LATOURETTE
Commissioner

August 26, 2021

Re: Residual Master General Permit Renewal
Cat: SQIG-Sludge Quality Categories 6 - 9 (GP)
NJPDES Permit No.: NJ0253553, 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 regulate the operation of Industrial Wastewater Treatment Systems that generate sludge (reporting categories 6, 7, 8, and 9).

While the Department received comments during the public comment period for the general permit, these comments were, in actuality, regarding each facility's individual Authorization. No provisions of the draft permit have been changed in the final permit. Since no comments pertaining to NJPDES Master General Permit No. NJ0253553 were received, 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.

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 action should be addressed to Michael Hubal, of my staff, at (609) 984-4428 or Michael.Hubal@dep.nj.gov.

Sincerely,

Patrick R. Brown, Environmental Specialist 3
Residuals Unit

Bureau of Ground Water, Residuals, and Permit Administration

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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 Permittee:

NJPDES Master General Permit – Category SQIG
Per Individual Notice of Authorization

2. Name and Address of the Facility/Site:

NJPDES Master General Permit – Category SQIG
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 Industrial Wastewater Treatment System (IWTS) that generates sludge. “Industrial wastewater treatment system” means any structure or structures by means of which industrial liquid waste or sludges are subjected to any treatment process.

Any person may, in accordance with the procedures set forth in N.J.A.C. 7:14A-6.13(e) & (l), petition the Department to require a permittee authorized by this general permit to apply for and obtain an individual NJPDES permit.

Table 1 lists the names of the permittees currently authorized or believed to be eligible for authorization 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 IWTS that generates sludge.

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

5. Request for Authorization:

All IWTs meeting the above criteria must submit a complete Request for Authorization (RFA) seeking authorization under this new general permit. Application requirements are explained in Part II, General Requirements, B.8.a of this permit. Upon issuance of a new authorization under this general permit, any sludge monitoring requirements in an existing, individual non-residual permit will be deactivated. 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.7.a of this permit.

Application forms are available at the following address:

www.state.nj.us/dep/dwq/forms_residuals.htm 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. Summary of Permit Conditions:

Permit conditions are listed in the attached documents. There are no major changes from the previous NJPDES permit.

7. 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 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 require these facilities to obtain a Notice of Authorization under this general permit for SQAR categories 6, 7, 8, and 9 in order to require all IWTs generating sludge to report; therefore, treating all facilities equitably.
5. Pursuant to N.J.A.C. 7:14C-1.12(b) out-of-state IWTs are required to comply with the monitoring and reporting requirements of SQAR. Implementation of the general permit will allow the Department to track the importation of sludge into the state and 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 30 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.

IWTs that generate sludge are considered a reporting Category 6, 7, 8, or 9 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 metric tons) per year; the total sludge removed for use or disposal on a dry basis (dry 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 9), bi-monthly (Category 8), quarterly (Category 7), or annual (Category 6) Discharge Monitoring Report (DMR) which shall include analyses of any of the parameters listed in Appendix, Tables I through VII of the SQAR (attached), that are manufactured, processed, formed, repackaged, handled, used, disposed, or stored in or otherwise expected to be present in the process wastewater sludge removed at the facility served by the industrial treatment works, or that are limited under the NJPDES, Air Pollution Control, or Solid Waste Permit for the ultimate sludge management alternative used by the industrial treatment works.

In accordance with N.J.A.C. 7:14C-1.6(b), where a IWTS generates different types of sludges that are 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 the permit. The Department will provide a separate monitored location designator for each different type of sludge with its own DMR and RTR for monitoring and reporting purposes.

As part of a Department-wide initiative to mandate electronic reporting of all data submittals, the Department amended N.J.A.C. 7:14C-1.7(b) to require mandatory electronic submittal of monitoring report forms. The Department administers the NJDEP Electronic Data Interchange (EDI) reporting program, which is a fully operational electronic reporting system with all the necessary legal, security, and electronic signature functionalities that provide a completely paperless reporting system. The Department anticipates that mandating electronic reporting will improve reliability of data entry, and decrease the number of reports being submitted late or being lost. The Department's web-based system streamlines reporting, which improves the quality of data flow, reduces reporting costs, offers on-line availability of reports and their processing status, and improves the Department's efficiency in data analysis, compliance assessment, and decision-making.

All IWTS currently covered under this general permit are already required to submit their monitoring report forms electronically. For all new Authorizations, the issuance of a Notice of Authorization under this permit will constitute written notification that a permittee must enroll in the Department's New Jersey Pollutant Discharge Elimination System (NJPDES) Monitoring Report Form (MRF) Electronic Submission Service to submit monitoring report forms electronically. Questions regarding the NJDEP EDI reporting program should be directed to the Permit Administration Section at (609) 984-4428, or by email to dwq_pas@dep.nj.gov. Additional information regarding the NJPDES MRF Service can be found at <http://www.nj.gov/dep/dwq/mrf.htm>.

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, January 2012, or as amended or supplemented.
15. Draft NJPDES Master General Permit No. NJ0253553 issued on June 21, 2021.

8. Name, Bureau, and Phone Number of Contact Persons:

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

Table 1 - list of the permittees currently authorized or believed to be eligible for authorization under this general permit

NJPDES #	Facility Name	County	Municipality
NJG0277576	PRICE LANDFILL	Atlantic	Pleasantville City
NJG0286494	ENGINEERING LABORATORIES INC	Bergen	Oakland Boro
NJG0273996	GARELICK FARMS LLC	Burlington	Florence
NJG0270512	PSEG FOSSIL- BURLINGTON GENERATING STATION	Burlington	Burlington Twp
NJG0275263	GEMINI LINEN RENTAL	Burlington	Palmyra Boro
NJG0311901	ELLIS PROPERTY	Burlington	Evesham
NJG0271896	SURFSIDE PRODUCTS LLC	Cumberland	Commercial Twp
NJG0284831	CUMBERLAND CNTY SOLID WASTE COMPLEX	Cumberland	Deerfield
NJG0291862	AUNT KITTY'S FOODS INC	Cumberland	Vineland City
NJG0289558	ADVANCEPIERRE FOODS INC	Cumberland	Vineland City
NJG0305227	VINELAND POULTRY	Cumberland	Vineland City
NJG0261882	B&G FOODS NORTH AMERICA, INC	Essex	Roseland Boro
NJG0281808	FORMER BP PAULSBORO TERMINAL NO 4555	Gloucester	Paulsboro Boro
NJG0271888	SUNOCO PARTNERS MARKETING & TERMINALS LP	Gloucester	West Deptford Twp
NJG0270920	POLYMER ADDITIVES INC	Gloucester	Logan Twp
NJG0289922	BRIDGEPORT DISPOSAL LLC	Gloucester	Logan Twp
NJG0269166	CHEMICAL LEAMAN TANK LINES INC	Gloucester	Logan Twp
NJG0307599	TAYLOR FARMS NJ	Gloucester	Logan Twp
NJG0311928	HERCULESE GIBBSTOWN GROUNDWATER TREATMENT SITE	Gloucester	Greenwich
NJG0320102	IMTT-BAYONNE	Hudson	Bayonne
NJG0314048	IMTT-BC	Hudson	Bayonne
NJG0304514	STANDARD CHLORINE CHEMICAL AND DIAMOND SITES	Hudson	Kearny Town
NJG0309958	READINGTON FARMS INC	Hunterdon	Readington Twp
NJG0277002	EXXONMOBIL RESEARCH AND ENGINEERING CO	Hunterdon	Clinton Twp
NJG0295914	LUXFER MEL TECHNOLOGIES	Hunterdon	Kingwood Twp

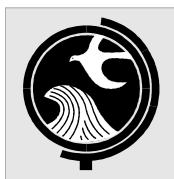
NJG0293890	HOPEWELL CAMPUS OWNER LLC	Mercer	Hopewell
NJG0265551	MERCER GENERATING STATION	Mercer	Hamilton Twp
NJG0285927	FIRMENICH INC	Middlesex	Plainsboro
NJG0311910	FORMER NUODEX CORP FACILITY	Middlesex	Woodbridge Twp
NJG0314056	JCP&L BELMAR FORMER MFG GAS PLANT	Monmouth	Belmar Boro
NJG0318094	COMBE FILL SOUTH LANDFILL	Morris	Chester Twp
NJG0287121	GIVAUDAN FLAVORS CORP	Morris	East Hannover Twp
NJG0269981	USDOD JOINT BASE MCGUIRE DIX LAKEHURST	Ocean	Manchester Twp
NJG0274933	ARROW SHED LLC	Passaic	Wanaque Boro
NJG0311898	PSE&G FORMER PATERSON MFG PLANT	Passaic	Paterson City
NJG0273953	CHAMBERS WORKS	Salem	Pennsville Twp
NJG0271331	SIEGFRIED USA LLC	Salem	Pennsville Twp
NJG0287237	WYETH HOLDINGS LLC	Somerset	Bridgewater Twp
NJG0262862	PR II/GAR TREMLEY PROPERTY TWO & THREE LLC	Union	Linden City
NJG0290068	BASF CORP - WASHINGTON	Warren	Washington Boro
NJG0263401	AVANTOR PERFORMANCE MATERIALS LLC	Warren	Phillipsburg Town
NJG0268771	MARS WRIGLEY CONFECTIONERY US	Warren	Hackettstown Town

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. NJ0253553 (the Permit) issued to the NJDEP Division of Water Quality on June 21, 2021. Under this permit renewal, individual Authorizations are issued to those Industrial Wastewater Treatment Systems that generate 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 Asbury Park Press and Courier-Post on 6/24/2021, the Burlington County Times, The Star-Ledger, The Times, and The Press of Atlantic City on 6/25/2021, and in the 7/06/2021 issue of the *DEP Bulletin*. In accordance with N.J.A.C. 7:14A-15.10(c)1.i the public comment period ended on 7/25/2021. While the Department received comments during the public comment period for the general permit, these comments were, in actuality, regarding each facility's individual Authorization. As such, there will be no formal Response to Comments, since no comments pertaining to NJPDES Master General Permit No. NJ0253553 were received.



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: NJ0253553

FINAL: Residual Master General Permit Renewal

Permittee:

General Permit

Per Individual Notice of Authorization

Co-Permittee:

Property Owner:

General Permit

Per Individual Notice of Authorization

Location Of Activity:

General Permit

Per Individual Notice of Authorization

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
SQIG - Sludge Quality Categories 6 - 9 (GP)	08/26/2021	01/01/2022	12/31/2026

By Authority of:
Commissioner's Office

DEP AUTHORIZATION

Michele Christopher, Chief

Bureau of Ground Water, Residuals, and Permit Administration

PI: 50577

(Terms, conditions and provisions attached hereto)

PART I GENERAL REQUIREMENTS: NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

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

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.8 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

10. 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:

SI9A Industrial SQAR

DISCHARGE CATEGORY(IES):

SQIG - Sludge Quality Categories 6 - 9
(GP)

Location Description

The sampling location(s) 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 a separate sampling point for each different type of residual may need to be established.

Contributing Waste Types

Ind Residual-Other

Residuals DMR Reporting Requirements:

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

Comments:

The parameters contained on this Residuals DMR are a sample list for a reporting category 9 ITWS. Analyses of the industrial sludge for any of the parameters listed in Appendix, Tables I through VII of the SQAR may be required in accordance with N.J.A.C. 7:14C-1.9(d).

Table III - A - 1: Residuals 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	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:

The parameters contained on this Residuals DMR are a sample list for a reporting category 9 ITWS. Analyses of the industrial sludge for any of the parameters listed in Appendix, Tables I through VII of the SQAR may be required in accordance with N.J.A.C. 7:14C-1.9(d).

Table III - A - 1: Residuals 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, 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:

The parameters contained on this Residuals DMR are a sample list for a reporting category 9 ITWS. Analyses of the industrial sludge for any of the parameters listed in Appendix, Tables I through VII of the SQAR may be required in accordance with N.J.A.C. 7:14C-1.9(d).

Table III - A - 1: Residuals 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
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:

The parameters contained on this Residuals DMR are a sample list for a reporting category 9 ITWS. Analyses of the industrial sludge for any of the parameters listed in Appendix, Tables I through VII of the SQAR may be required in accordance with N.J.A.C. 7:14C-1.9(d).

Table III - A - 1: Residuals 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
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:

SI9P SQAR - Production

DISCHARGE CATEGORY(IES):SQIG - Sludge Quality Categories 6 - 9
(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 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.

Contributing Waste Types

Ind Residual-Other

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:****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 6 - 9 (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 RTR. 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 the Bureau of Ground Water, Residuals, and Permit Administration 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.
- 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

1. Residuals Information

Sludge Quality Categories 6 - 9 (GP)

- 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.NJ0253553
RES210002 Residual Master General Permit Renewal