



**State of New Jersey**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
MAIL CODE 401-02B  
DIVISION OF WATER QUALITY  
BUREAU OF PRETREATMENT AND RESIDUALS  
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)

CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
*Lt. Governor*

BOB MARTIN  
*Commissioner*

April 30, 2014

Re: Residual Master General Permit New  
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 **draft** New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A.

Notice of this draft permit action will appear in Asbury Park Press, Burlington County Times, Courier Post, The Press of Atlantic City, The Star-Ledger, The Times of Trenton, and in the May 7, 2014 *DEP Bulletin*. The *DEP Bulletin* is available on the internet at [www.state.nj.us/dep/bulletin](http://www.state.nj.us/dep/bulletin). In accordance with N.J.A.C. 7:14A-15.10(c)1.i, the public comment period will close thirty (30) days after its last appearance in the newspaper.

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

If you have questions regarding the draft action, please contact Patrick Brown at (609) 633-3823 or [pat.brown@dep.state.nj.us](mailto:pat.brown@dep.state.nj.us).

Sincerely,

Anthony Pilawski, Environmental Specialist 4  
Bureau of Pretreatment and Residuals  
Water Pollution Management Element

Enclosures

c: Permit Distribution List

# **Table of Contents**

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This Permit Package Contains the Items Listed Below

- 1. Cover Letter**
- 2. Table of Contents**
- 3. Public Notice**
- 4. Fact Sheet**
- 5. NJPDES Permit Authorization Page**
- 6. Part I GENERAL REQUIREMENTS: NJPDES**
- 7. Part II GENERAL REQUIREMENTS: DISCHARGE CATEGORIES**
- 8. Part III LIMITS AND MONITORING REQUIREMENTS**
- 9. Part IV SPECIFIC REQUIREMENTS: NARRATIVE**
- 10. Sample Pre-printed DMR, WCR, RTR**

**New Jersey Department of Environmental Protection  
Division of Water Quality  
Water Pollution Management Element  
Bureau of Pretreatment and Residuals**

## **FACT SHEET**

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

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

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

NJPDES MASTER GENERAL PERMIT - CATEGORY **WTRG**  
PER INDIVIDUAL NOTICE OF AUTHORIZATION  
TRENTON, NJ 08625

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

NJPDES MASTER GENERAL PERMIT - CATEGORY **WTRG**  
PER INDIVIDUAL NOTICE OF AUTHORIZATION  
TRENTON, NJ 08625

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

This general New Jersey Pollutant Discharge Elimination System (NJPDES) permit 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.

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 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 PWTs 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 PWTs 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](http://www.state.nj.us/dep/dwq/forms_residuals.htm) or call (609) 633-3823.

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.

## **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 has 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 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 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.

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, and as attached as Table II as part of this Fact Sheet, for each form of sludge removed for use or disposal during the reporting period.

In accordance with N.J.A.C. 7:14C-1.6(b), where a PWTs 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 NJPDES Discharge Monitoring Report Online Service, 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.

The issuance of a notice of authorization under this permit will constitute written notification that a permittee must enroll in the NJDEP Electronic Data Interchange (EDI) Online System to submit monitoring report forms electronically. Within 180 days after the effective date of a notice of authorization issued under this permit, the permittee must enroll in the EDI Online System at [www.nj.gov/dep/online](http://www.nj.gov/dep/online). Questions regarding the EDI Online System should be directed to Julio Collazo or Debbie Esposti at (609) 984-4428, or by email to [NJPDES\\_EDI\\_SIGNUP@dep.state.nj.us](mailto:NJPDES_EDI_SIGNUP@dep.state.nj.us). Until such time as permittee's NJPDES EDI agreement is executed, paper monitoring report forms will continue to be provided by the Department and shall be submitted to Mail Code 401-02B, Division of Water Quality, Bureau of Pretreatment and Residuals, Permit Administration Section, P.O. Box 420, Trenton, New Jersey 08625-0420.

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.

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

Patrick Brown, Bureau of Pretreatment and Residuals, (609) 633-3823 or via email at [pat.brown@dep.state.nj.us](mailto:pat.brown@dep.state.nj.us).

**Table 1** - List of the permittees believed to be eligible for authorization under this general permit

FACILITY NAME	Current NJPDES #	PI #	MON LOC	COUNTY
ATLANTIC HIGHLANDS BORO WTP	NJG0034924	46090	S10A	Monmouth
BOONTON TWP DPW WTP	NJG0052485	46135	S10A	Morris
BORDENTOWN CITY WATER DEPT WHITEHORSE	NJG0028649	46138	S10A	Mercer
BUTLER BORO WATER DEPARTMENT	NJG0101877	46159	S10A	Morris
SOUTHEAST MORRIS CNTY MUA CLYDE POTTS WTP	NJG0174122	46913	SI6A	Morris
FAYSON LAKE WATER COMPANY	NJ0072559	46342	S10A	Morris
FREEHOLD BOROUGH DPW	NJG0029190	46365	S10A	Monmouth
NJ AMERICAN WATER CO GREEN STREET WTP	NJG0004731	46301	S10A	Burlington
HARBOR ROAD WTP	NJG0031887	46581	S10A	Monmouth
HERON AVE WTP	NJG0068705	46770	S10A	Salem
KEANSBURG WATER TREATMENT PLANT	NJ0157384	244223		Monmouth
LAMBS LANE WTP	NJG0057983	46574	S10A	Monmouth
MANSFIELD WTP	NJG0109291	47776	S10A	Burlington
MARLBORO PSYCHIATRIC HOSPITAL WTP	NJ0087301	46582		Monmouth
MORRIS-DELAIR WTP	NJ0158348	244223	S11A	Camden
NEW JERSEY AMERICAN CANOE BROOK	NJ0128121	49263		Essex

NJ AMERICAN WATER TRICOUNTY	NJ0157350	244219	S11A	Burlington
NORTH BRUNSWICK TWP WTP	NJG0035190	46706	S10A	Somerset
PASSAIC VALLEY WATER COMMISSION	NJ0157368	244220	S12A	Passaic
PENNSVILLE TWP WATER ST WTP	NJG0068730	46771	S10A	Salem
PEQUANNOCK WTP	NJG0063711	46677	S12A	Passaic
RAHWAY WTP	NJG0135968	50518	S10A	Union
ROBERT FROST WTF	NJG0136646	46376	S10A	Mercer
SHORELANDS WATER CO INC TREATMENT PLNT #1	NJG0025453	46899	S10A	Monmouth
SHORELANDS WATER CO WATER TREATMENT PLANT #2	NJG0025461	46900	S10A	Monmouth
TAYLORTOWN FILTER PLANT	NJG0064271	46136	S10A	Morris
TRENTON WATER WORKS	NJ0158330	47001	S11A	Mercer
UNITED WATER JERSEY CITY WTP	NJ0158321	244222	S11A	Morris
UNITED WATER LAMBERTVILLE	NJG0070424	46535	S10A	Hunterdon
UNITED WATER MATCHAPONIX	NJG0129119	46587	S10A	Monmouth
UNITED WATER WYANDOTTE	NA	628868		Bergen
WOODBINE MUA WTP	NJG0061301	47096	S10A	Cape May
WOODLANE WTP	NJG0102300	47465	S10A	Burlington

**Table II – SQAR TABLE VIII, Pollutants required to be monitored for industrial treatment works in Categories 10 through 13**

**Parameter**

- Total Solids, (percent by weight)
- Arsenic, total
- Cadmium, total
- Copper, total
- Lead, total
- Mercury, total
- Molybdenum, total
- Nickel, total
- Nitrogen, Total Kjeldahl (TKN)
- Nitrogen, Ammonia (NH3-N)
- Nitrogen, Nitrate (NO3-N)
- Phosphorous, total
- Potassium, total
- Selenium, total
- Zinc, total
- Aluminum, total
- Iron, total

Trihalomethanes<sup>2</sup>  
Radionuclides (pCi/g)<sup>3</sup>

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Notes:

<sup>1</sup> Aluminum or iron, as applicable, are required to be tested in the sludge if an aluminum or iron containing coagulant (such as aluminum sulfate or ferric chloride) is used in the treatment process.

<sup>2</sup> Trihalomethanes are required to be tested in the sludge if the PWTS receives all or a portion of the water treated from a surface water source and chlorinates the water prior to distribution. The compounds required to be tested are: chloroform, bromoform, chlorodibromomethane, and Dichlorobromomethane.

<sup>3</sup> Radionuclides are required to be tested in the sludge if the potable water treatment system receives source water or uses additives known to or suspected of having elevated radionuclide concentrations. The radionuclides to be tested for include, but are not limited to, radium-226, radium-228, uranium-238, uranium-234, uranium-235, and thorium-232.

New Jersey Department of Environmental Protection  
Division of Water Quality  
Water Pollution Management Element  
Bureau of Pretreatment and Residuals

## **PUBLIC NOTICE**

Notice is hereby given that the New Jersey Department of Environmental Protection (Department/NJDEP) proposes to issue New Jersey Pollutant Discharge Elimination System (NJPDES) Residuals Permit NJ0215546 in accordance with N.J.A.C. 7:14A, and by authority of the Water Pollution Control Act at N.J.S.A. 58:10A-1 et seq., for the following discharge:

Applicant or Permittee:

NJDEP DIVISION OF WATER QUALITY  
401 E STATE ST  
TRENTON, NJ 08625

Facility:

NJPDES MASTER GENERAL PERMIT -  
CATEGORY WTRG  
PER INDIVIDUAL NOTICE OF AUTHORIZATION  
TRENTON, NJ 08625

This new general permit is issued in accordance with N.J.A.C. 7:14A, and applies to those Public Water Treatment Systems that generate sludge (reporting categories 10, 11, 12, and 13). The permit 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. There are currently **thirty-three (33)** permittees believed to be eligible for authorization under this general permit.

The NJDEP has determined that 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, and is more appropriately regulated under a general permit rather than individual permits. This single notice is issued pursuant to N.J.S.A. 58:10A-9.

A draft NJPDES Residual General Permit has been prepared based on the administrative record filed at the NJDEP, 401 East State Street, Trenton, New Jersey 08625. Copies of the draft document are obtainable, for a nominal charge, and the administrative record is available for inspection by appointment only, Monday through Friday. If you are interested in scheduling an appointment, requesting specific information regarding the draft document, or requesting a free PDF version of the draft permit sent via email, contact Patrick Brown of the Bureau of Pretreatment and Residuals at (609) 633-3823 or by email at [pat.brown@dep.state.nj.us](mailto:pat.brown@dep.state.nj.us). This draft general permit can also be viewed or downloaded on the Division of Water Quality web site at [www.state.nj.us/dep/dwq/](http://www.state.nj.us/dep/dwq/).

Comments must be submitted in writing by certified mail (return receipt requested), by email to [pat.brown@dep.state.nj.us](mailto:pat.brown@dep.state.nj.us) or by other means which provides verification of the date of delivery to the Department, and should be addressed Attention: Comments on Public Notice NJ0215546, NJDEP-DWQ, Bureau of Pretreatment and Residuals, Mail Code 401-02B, P.O. Box 420, Trenton, NJ 08625-0420 by the close of the public comment period, which closes thirty (30) calendar days after the last newspaper publication. All persons who believe that any condition of this draft document is inappropriate or that the Department's decision to issue this draft document is inappropriate, must raise all reasonable arguments and factual grounds supporting their position, including all supporting materials, during the public comment period.

Any interested person may request in writing that NJDEP hold a non-adversarial public hearing on the draft permit. This request must state the nature of the significant and relevant issues proposed to be raised in the hearing and why these issues cannot be adequately expressed other than at a public hearing. Such request must be submitted within thirty (30) days of the date of this public notice to the address cited above. A public hearing will be conducted whenever the NJDEP determines that there is or may be a significant degree of public interest in holding a public hearing. If a public hearing is held, the public comment period in this notice will automatically be extended until fifteen (15) days after the close of the public hearing.

The Department will respond to all significant and timely comments upon issuance of the final permit decision. Those permittees believed to be eligible for Residuals General Permit NJ0215546 and each person who has submitted written comments or requested notice will receive notice of the Department's permit decision.



# 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**

**DRAFT: Residual Master General Permit New**

**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)			

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

**DEP AUTHORIZATION**  
**Anthony Pilawski, Environmental Specialist 4**  
**Bureau of Pretreatment and Residuals**  
**Water Pollution Management Element**

## 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 <u>et seq.</u>    |
| Incorporation by Reference                          | N.J.A.C. 7:14A-2.3                  |
| Toxic Pollutants                                    | N.J.A.C. 7:14A-6.2(a)4i             |
| Duty to Comply                                      | N.J.A.C. 7:14A-6.2(a)1 & 4          |
| Duty to Mitigate                                    | N.J.A.C. 7:14A-6.2(a)5 & 11         |
| Inspection and Entry                                | N.J.A.C. 7:14A-2.11(e)              |
| Enforcement Action                                  | N.J.A.C. 7:14A-2.9                  |
| Duty to Reapply                                     | N.J.A.C. 7:14A-4.2(e)3              |
| Signatory Requirements for Applications and Reports | N.J.A.C. 7:14A-4.9                  |
| Effect of Permit/Other Laws                         | N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c) |
| Severability                                        | N.J.A.C. 7:14A-2.2                  |
| Administrative Continuation of Permits              | N.J.A.C. 7:14A-2.8                  |
| Permit Actions                                      | N.J.A.C. 7:14A-2.7(c)               |
| Reopener Clause                                     | N.J.A.C. 7:14A-6.2(a)10             |
| Permit Duration and Renewal                         | N.J.A.C. 7:14A-2.7(a) & (b)         |
| Consolidation of Permit Process                     | N.J.A.C. 7:14A-15.5                 |
| Confidentiality                                     | N.J.A.C. 7:14A-18.2 & 2.11(g)       |
| Fee Schedule                                        | N.J.A.C. 7:14A-3.1                  |
| Treatment Works Approval                            | N.J.A.C. 7:14A-22 & 23              |
- c. Operation And Maintenance
- |                                      |                       |
|--------------------------------------|-----------------------|
| Need to Halt or Reduce not a Defense | N.J.A.C. 7:14A-2.9(b) |
| Proper Operation and Maintenance     | N.J.A.C. 7:14A-6.12   |
- d. Monitoring And Records
- |                                               |                    |
|-----------------------------------------------|--------------------|
| Monitoring                                    | N.J.A.C. 7:14A-6.5 |
| Recordkeeping                                 | N.J.A.C. 7:14A-6.6 |
| Signatory Requirements for Monitoring Reports | N.J.A.C. 7:14A-6.9 |
- e. Reporting Requirements
- |                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| Planned Changes                               | N.J.A.C. 7:14A-6.7                    |
| Reporting of Monitoring Results               | N.J.A.C. 7:14A-6.8                    |
| Noncompliance Reporting                       | N.J.A.C. 7:14A-6.10 & 6.8(h)          |
| Hotline/Two Hour & Twenty-four Hour Reporting | N.J.A.C. 7:14A-6.10(c) & (d)          |
| Written Reporting                             | N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h) |
| Duty to Provide Information                   | N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1  |
| Schedules of Compliance                       | N.J.A.C. 7:14A-6.4                    |
| Transfer                                      | N.J.A.C. 7:14A-6.2(a)8 & 16.2         |

## PART II

# GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

### A. Additional Requirements Incorporated By Reference

#### 1. 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. Scope

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

#### 2. 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.

#### 3. 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.

#### **4. 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 residuals to another person who further prepares the residuals 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.

#### **5. 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.

## **6. 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.

## **7. 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.

## **8. 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.7 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

**9. 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 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 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**

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

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

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

Parameter	Sample Point	PHASE Start Date:		Units	PHASE End Date:			Units	Frequency	Sample Type
		Limit	Limit		Limit	Limit	Limit			
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 WCR - Annual Reporting Requirements:**

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

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**Table III - A - 3: Residuals WCR - Annual Limits and Monitoring Requirements**

**PHASE:**Final

**PHASE Start Date:**

**PHASE End Date:**

<b>Parameter</b>	<b>Sample Point</b>	<b>Compliance Quantity</b>	<b>Units</b>	<b>Sample Type</b>	<b>Monitoring Period</b>
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

**Residuals Transfer Reporting Requirements:**

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

## 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 the Bureau of Pretreatment and Residuals 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 10 - 13 (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. Within 180 days after the effective date of a notice of authorization issued under this permit, the permittee must enroll in the NJDEP Electronic Data Interchange (EDI) Online System to submit monitoring report forms noted in C.1.b above electronically. The permittee must enroll at [www.nj.gov/dep/online](http://www.nj.gov/dep/online). Questions regarding the EDI Online System should be directed to Julio Collazo or Debbie Esposti at (609) 984-4428, or by email to [NJPDES\\_EDI\\_SIGNUP@dep.state.nj.us](mailto:NJPDES_EDI_SIGNUP@dep.state.nj.us). Until such time as your NJPDES EDI agreement is executed paper monitoring report forms will be provided to you by the Department and shall be submitted to Mail Code 401-02B, Division of Water Quality, Bureau of Pretreatment and Residuals, Permit Administration Section, P.O. Box 420, Trenton, New Jersey 08625-0420.
- d. 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 Pretreatment and Residuals, 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 Pretreatment and Residuals at (609) 633-3823 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 Pretreatment and Residuals, 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. Closure Requirements**

- 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  
RES130002 Residual Master General Permit New

# Residuals DMR

Sample Report

PERMIT NUMBER: **NJ0215546** MONITORED LOCATION: **S13A SQAR-Example Location** MONITORING PERIOD / PHASE: **January / Final** FACILITY NAME: **NJPDES MASTER GENERAL PERMIT PROGRAM I**

PARAMETER		QUANTITY OR LOADING	UNITS	QUANTITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total 00500 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	%TS		1 / Month	COMPOS
Nitrate Nitrogen, Dry Weight 00621 18 Industrial Residuals	QL	*****	*****	*****				
	SAMPLE MEASUREMENT	*****	*****	*****				
Nitrogen, Kjeldahl Total, Dry Wt 49579 18 Industrial Residuals	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
	QL	*****	*****	*****				
Potassium Dry Weight 78472 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
Nitrogen, Ammonia Dry Weight 82294 18 Industrial Residuals	QL	*****	*****	*****				
	SAMPLE MEASUREMENT	*****	*****	*****				
Molybdenum Dry Weight 78465 18 Industrial Residuals	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
	QL	*****	*****	*****				

Comments: If you have any questions regarding this form please contact the Bureau of Pretreatment and Residuals at (609) 633-3823.

# Residuals DMR

Sample Report

PERMIT NUMBER: NJ0215546 MONITORED LOCATION: S13A SQAR-Example Location MONITORING PERIOD / PHASE: January / Final FACILITY NAME: NJPDES MASTER GENERAL PERMIT PROGRAM I

PARAMETER	QUANTITY OR LOADING		UNITS	QUANTITY OR CONCENTRATION		UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Phosphorus Dry Weight 78478 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Arsenic, Dry Weight 01003 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Aluminum, Total (as Al) 01105 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Selenium, Dry Weight 01148 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Copper, Dry Weight 46394 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Cadmium, Dry Weight 61527 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS
Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****	MG/KG		1 / Month	COMPOS

Comments: If you have any questions regarding this form please contact the Bureau of Pretreatment and Residuals at (609) 633-3823.

# Residuals DMR

Sample Report

PERMIT NUMBER: NJ0215546 MONITORED LOCATION: S13A SQAR-Example Location January / Final MONITORING PERIOD / PHASE: January / Final FACILITY NAME: NJPDES MASTER GENERAL PERMIT PROGRAM I

PARAMETER		QUANTITY OR LOADING	UNITS	QUANTITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Zinc, Dry Weight 78467 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
Lead, Dry Weight 78468 18 Industrial Residuals	QL	*****	*****	*****	*****			
	SAMPLE MEASUREMENT	*****	*****	*****	*****			
Nickel, Dry Weight 78469 18 Industrial Residuals	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
	QL	*****	*****	*****	*****			
Mercury, Dry Weight 78471 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
Iron, Dry Weight 78474 18 Industrial Residuals	QL	*****	*****	*****	*****			
	SAMPLE MEASUREMENT	*****	*****	*****	*****			
Bromoform Dry Weight 34290 18 Industrial Residuals	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	MG/KG		1 / Month	COMPOS
	QL	*****	*****	*****	*****			

Comments: If you have any questions regarding this form please contact the Bureau of Pretreatment and Residuals at (609) 633-3823.

# Residuals DMR

Sample Report

PERMIT NUMBER: NJ0215546 MONITORED LOCATION: S13A SQAR-Example Location January / Final MONITORING PERIOD / PHASE: January / Final FACILITY NAME: NJPDES MASTER GENERAL PERMIT PROGRAM I

PARAMETER		QUANTITY OR LOADING	UNITS	QUANTITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Chlorodibromomethane Dry Weight 34309 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****		1 / Month	COMPOS
	QL	*****	*****	*****	*****			
Chloroform Dry Weight 34318 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****		1 / Month	COMPOS
	QL	*****	*****	*****	*****			
Dichlorobromomethane Dry Weight 34330 18 Industrial Residuals	SAMPLE MEASUREMENT	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****		1 / Month	COMPOS
	QL	*****	*****	*****	*****			

Comments: If you have any questions regarding this form please contact the Bureau of Pretreatment and Residuals at (609) 633-3823.

# Residuals Waste Characterization Report

Sample  
Report

PERMIT NUMBER: NJ0215546      MONITORED LOCATION: S13A SQAR-Example Locati      MON. PERIOD / PHASE: January / Final      FACILITY NAME: NJPDES MASTER GENERAL PERMIT PROGRAM

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Amt Sludge Rmvd, Wet Cubic Yards *ASR1 Industrial Residuals			WCY/YR		CALCTD
Amt Sludge Rmvd, Wet Metric Tons *ASR2 Industrial Residuals			WMT/YR		CALCTD
Amt Sludge Rmvd, Gallons *ASR3 Industrial Residuals			GAL/YEAR		CALCTD
Total Amount of Sludge Removed *ASUD Industrial Residuals			DMT/YR		CALCTD
Solids, Total 00500 Industrial Residuals			%TS		COMPOS

Comments: If you have any questions regarding this form please contact the Bureau of Pretreatment and Residuals at (609) 633-3823.

# Residuals Transfer Report

Sample  
Report

PERMIT NUMBER: MONITORED LOCATION: MON. PERIOD / PHASE: FACILITY NAME:

NJ0215546

S13A SQAR-Example Loca January / Final

NJPDES MASTER GENERAL PERMIT PROGRAM INT

#	SENT TO	REC'D FROM	FACILITY ID NUMBER	AMOUNT TRANSFERRED		MONITORED LOCATION
				QUANTITY	UNITS	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
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37						

Comments: If you have any questions regarding this form please contact the Bureau of Pretreatment and Residuals at (609) 633-3823.