ATTACHMENT #4

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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

CERTIFIED MAIL 7005 1160 0000 3682 3224
RETURN RECEIPT REQUESTED

December 2, 2013

Katherine Fling, Director
NJ DEPT OF HUMAN SERVICES
PO BOX 700 - 222 S WARREN ST
Trenton, NJ 08625-0700

Re: Residual General Permit Authorization New
Cat: S2G -Sludge Quality Category 2 (GP)
NJPDES Permit No.: NJG0211753, Program Interest No.: 46695
NEW LISBON DEVELOPMENTAL CTR
Woodland Twp, Burlington County

Dear Ms. Fling:

Enclosed is New Jersey Pollutant Discharge Elimination System (NJPDES) Authorization to Discharge No. NJG0211753 (Category S2G -Sludge Quality Category 2 (GP)) issued under the authority of Residual NJPDES General Permit No. NJ0211672. Permit conditions are described herein and the General Permit is available for viewing at www.state.nj.us/dep/dwq/gp_residuals.htm. This Authorization incorporates the phragmites reed beds as an additional monitored location (SL2B) with associated Monitoring Report Forms.

Upon the effective date of this Authorization (01/01/2014), all sludge monitoring requirements in NJPDES Discharge to Groundwater Permit No. NJ0070955 will be deactivated, and New Lisbon's Category 4G Reed Beds GPA NJG0130940 will be revoked.

A copy of this Authorization should be located at the regulated facility at all times and be available for inspection by any authorized representative of the Department. If you have designated an agent, you must notify them about this General Permit Authorization and its requirements.

If you have any questions or comments regarding the above referenced action, please contact Stephen Boyer by telephone at 609-633-3823 or Stephen.Boyer@dep.state.nj.us.

Sincerely,

Anthony Pilawski

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

Enclosures
c: Permit Distribution List

Gpcv_res.doc

New Jersey Department of Environmental Protection
Mail Code 401-02B
Bureau of Pretreatment and Residuals
401 E. State Street, P.O. Box 420
Trenton, NJ 08625-0420
(609) 633-3823

AUTHORIZATION TO DISCHARGE
S2G -Sludge Quality Category 2 (GP)

Facility Name: NEW LISBON DEVELOPMENTAL CTR

Permit Number: NJG0211753

Program Interest No.: 46695

Facility Address:
RT 72
WOODLAND TWP, NJ 08064-0000

Type of Activity: Residual General Permit Authorization New

Owner:
NJ DEPT OF HUMAN SERVICES
PO BOX 700 - 222 S WARREN ST
TRENTON, NJ 08625-0700

Operating Entity:
NJ DEPT OF HUMAN SERVICES
PO BOX 700 - 222 S WARREN ST
TRENTON, NJ 08625-0700

Issuance Date:	Effective Date:	Expiration Date:
12/02/2013	01/01/2014	12/31/2018

Your Request for Authorization under NJPDES General Permit No. NJ0211672 has been approved by the New Jersey Department of Environmental Protection.

This Authorization to Discharge implements the provisions of the Sludge Quality Assurance Regulations (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 for Domestic Treatment Works that have a permitted flow from 0.1 to 0.999 MGD.

Anthony Pilawski

Date: 12/02/2013

Anthony Pilawski, Environmental Specialist 4
Bureau of Pretreatment and Residuals

(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	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 biosolids to another person who further prepares the biosolids 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:
SL2A SQAR- Bio Sludge Pump Sta

DISCHARGE CATEGORY(IES):
S2G - Sludge Quality Category 2 (GP)

Location Description

SQAR samples shall be collected from the biological sludge pump station and be representative of the sludge being discharged to the phragmites reed bed sludge management system and/or leaving the treatment plant for use or disposal.

Contributing Waste Types

Dom Residual-Other

Residuals DMR Reporting Requirements:

Submit a Semi-Annual DMR: due 60 calendar days after the end of each calendar six months.

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	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	%TS	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Nitrate Nitrogen, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Nitrogen, Kjeldahl Total, Dry Wt	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Potassium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit a Semi-Annual DMR: due 60 calendar days after the end of each calendar six months.

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	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Calcium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Molybdenum Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Phosphorus Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Arsenic, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Selenium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Copper, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit a Semi-Annual DMR: due 60 calendar days after the end of each calendar six months.

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
Beryllium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Cadmium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Zinc, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Lead, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Nickel, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
Mercury, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit a Semi-Annual DMR: due 60 calendar days after the end of each calendar six months.

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
Chromium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/6 Months	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:
SL2B SQAR - Reed Beds

DISCHARGE CATEGORY(IES):
S2G - Sludge Quality Category 2 (GP)

Location Description

Sludge beds must be taken out of service and sludge removed when the depth of sludge in the bed reaches six (6) inches from the top of the freeboard. The permittee shall no later than 180 days prior to planned removal of sludge from the reed beds, submit to the Department a plan for removal and management of all accumulated sludge. Said plan shall include and identify all removal/management activities that will be conducted prior to, during, and after the sludge beds are taken out of service, and sludge is removed. This plan shall include, at a minimum, procedures for removing the sludge from the bed(s), a description and analysis of the sludge, method of management of the sludge, anticipated date(s) for removal of sludge from each bed, and approximate volume of sludge material being removed.

Contributing Waste Types

Dom Residual-Other

Residuals DMR Reporting Requirements:

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

Comments:

Sludge shall not be loaded onto any one sludge bed more than once every 14 days. For aerobic sludges from 1-2% total solids, the loading rate is 40 gallons/sq.ft/year. Standing water is only to be permitted in the sludge beds during the 48 hour period following loading (and during periods of severe inclement weather).

Table III - B - 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	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	%TS	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nitrate Nitrogen, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nitrogen, Kjeldahl Total, Dry Wt	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Comments:
Sludge shall not be loaded onto any one sludge bed more than once every 14 days. For aerobic sludges from 1-2% total solids, the loading rate is 40 gallons/sq.ft/year. Standing water is only to be permitted in the sludge beds during the 48 hour period following loading (and during periods of severe inclement weather).

Table III - B - 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
Potassium Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nitrogen, Ammonia Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Calcium Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Molybdenum Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Phosphorus Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Arsenic, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Selenium, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Comments:
Sludge shall not be loaded onto any one sludge bed more than once every 14 days. For aerobic sludges from 1-2% total solids, the loading rate is 40 gallons/sq.ft/year. Standing water is only to be permitted in the sludge beds during the 48 hour period following loading (and during periods of severe inclement weather).

Table III - B - 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
Copper, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Beryllium Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Cadmium, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Zinc, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Lead, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nickel, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Mercury, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Comments:
Sludge shall not be loaded onto any one sludge bed more than once every 14 days. For aerobic sludges from 1-2% total solids, the loading rate is 40 gallons/sq.ft/year. Standing water is only to be permitted in the sludge beds during the 48 hour period following loading (and during periods of severe inclement weather).

Table III - B - 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
Chromium, Dry Weight	Reed Beds	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals Transfer Reporting Requirements:

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

MONITORED LOCATION:
SL2P SQAR - Sludge Production

DISCHARGE CATEGORY(IES):
S2G - Sludge Quality Category 2 (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 BPR prior to removal to determine if the residual should be reported on the existing MRF's or if a new monitored location should be added.

Residuals WCR - Annual Reporting Requirements:

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

Comments:

Only the quantity of reed bed sludge and/or liquid sludge that is sent off-site for use or disposal shall be reported on this form. Do not report intra-facility transfers of liquid sludge sent from the biological sludge pump station to the reed beds on this form. That information must be reported on the RTR.

Table III - C - 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	Reed Beds	REPORT	WCY/YR	Calculated	January thru December
Amt Sludge Rmvd, Wet Metric Tons	Reed Beds	REPORT	WMT/YR	Calculated	January thru December
Amt Sludge Rmvd, Gallons	Transfer Unit	REPORT	GAL/YEAR	Calculated	January thru December
Total Amount of Sludge Removed	Residuals	REPORT	DMT/YR	Calculated	January thru December
Solids, Total	Transfer Unit	REPORT	%TS	Composite	January thru December
Solids, Total	Reed Beds	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 Category 2 (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 BPR 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 Category 2 (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. 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. 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 EDI ACCESS

Before access is granted to the NJPDES EDI program a few administrative requirements need to be fulfilled. First and foremost, the NJPDES EDI Agreement form must be certified by the Responsible Official of the facility and completely filled out. Second, the permittee will need to appoint a Facility Administrator for the NJPDES EDI program and establish a Facility Administrator Login ID and password.

▪ The NJPDES EDI Agreement

Before access rights are granted to use the EDI application, permittees are required to submit a completed fully executed NJPDES EDI Agreement form to the Department. The different sections of the agreement are as follows:

- **Section A: Conditions of Participation** - this section outlines the requirements for participation in the NJPDES EDI program.
- **Section B: Facility Information** - this is where permittees will list all of the NJPDES permits that they want to enroll into the NJPDES EDI program
- **Section C: Facility Administrator Information** - this is where the name of the individual who will have administrator rights for the facility is given, along with their e-mail address, phone number and user ID. (See below for further discussion of security rights and login procedures)
- **Section D: Responsible Official Certification** - this is where the Responsible Official signs off, agreeing to all the terms and conditions outlined in the NJPDES EDI Agreement.

A copy of the NJPDES EDI Agreement is attached to this document. Please complete and return to:

Mail Code 401-02B
NJDEP - Office of Permit Management
PO Box 420 – 401 E State St
Trenton, NJ 08625-0420
Attn: Debbie Esposti

▪ Designate a Facility Administrator

Before access to the NJPDES EDI program is given, permittees must appoint a Facility Administrator. The designation of a Facility Administrator is a requirement for participation in the NJPDES EDI program (see Section C discussion above) and may be registered by way of the NJPDES EDI Agreement. The Facility Administrator will have the ability of granting and revoking access to subsequent users for their respective facilities.

In addition to Facility Administrator security access, the NJPDES EDI program allows for 2 other types of security; General and Responsible Official. Below is a description of all 3-security levels available to a NJPDES EDI participant:

- **General** - This type of access will allow a user to download and upload Monitoring Report Forms. In addition, this level of security allows the user to submit Resubmittal form requests.
- **Responsible Official** - This type of access will give the user General access rights along with the ability to certify Monitoring Report Forms.
- **Facility Administrator** - This type of access gives a user all of the above rights and also gives them the ability to grant other users access to the facility as well as revoke access. This type of access is particularly useful for companies who would like additional access security but frequently adjust staff. Once a Facility Administrator is established, the system will not allow users to access the system unless access is granted specifically by the Facility Administrator.

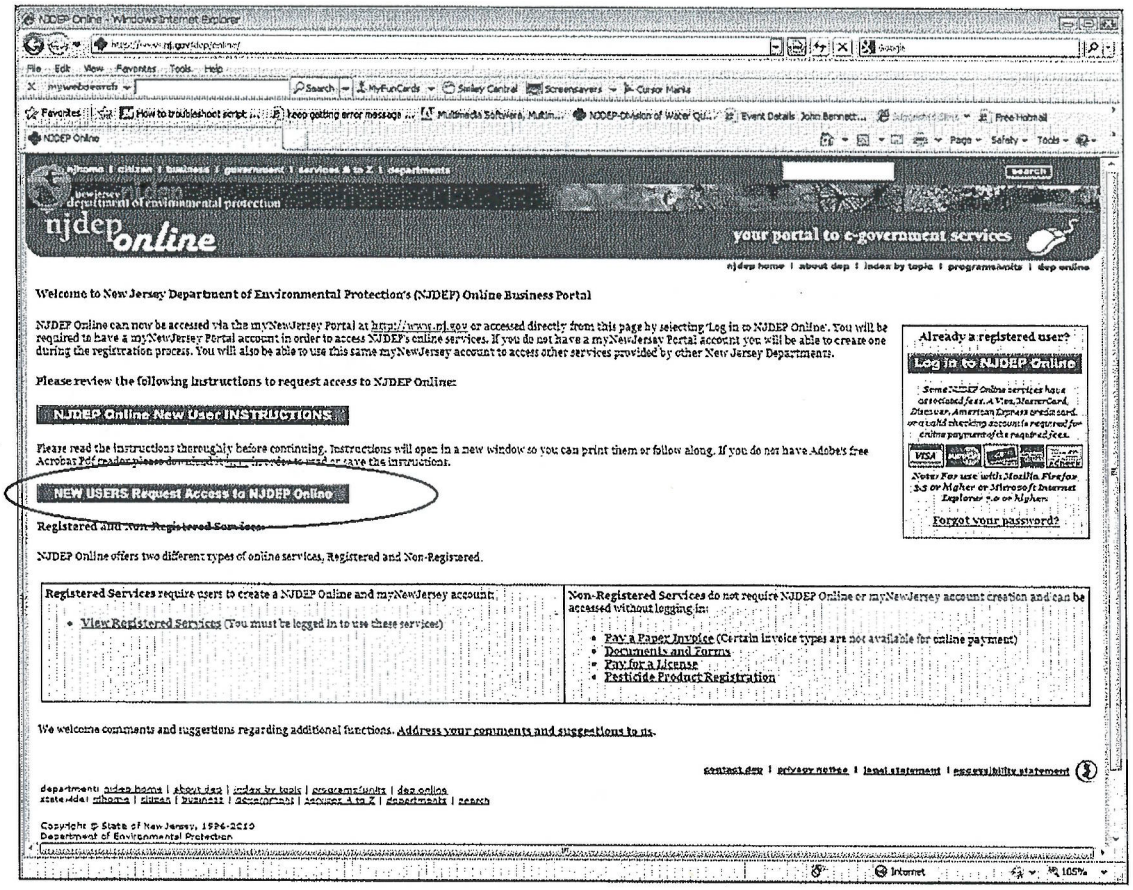
▪ Establish a Login ID and Password

Before submitting the NJPDES EDI Agreement to the Department your designated Facility Administrator should access the application on the web at http://www.state.nj.us/dep/online and establish a Login ID, password and if appropriate a PIN for certification purposes. The suggested ID format is the first initial of your first name followed by your last name. The Department will reject ID's with just numbers or names of companies, so please restrict yourself to the suggested convention.

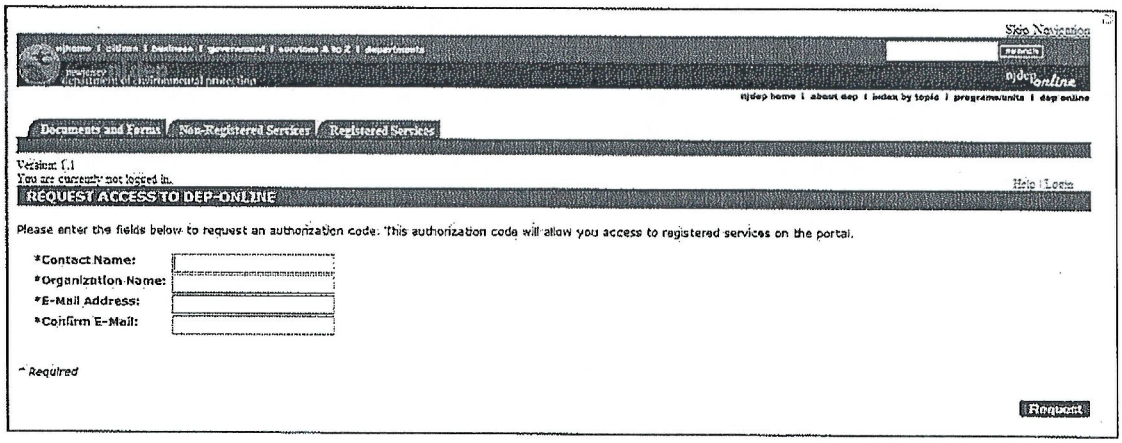
You will need to request an authorization code. Once the authorization code is created it will be emailed to you along with instructions on how to go about creating your account.

You will be notified of your approval to use the NJPDES EDI program by way of e-mail. The e-mail will advise you of the monitoring period you may begin to submit MRFs for and also include a reference manual to assist you with the EDI application. Topics covered range from downloading and uploading a spreadsheet, to certifying and requesting a Resubmittal spreadsheet. Once a permittees' NJPDES EDI Agreement form has been approved by the Department another e-mail will be sent to them informing them that their electronic MRFs have been created and are now available for download at the web portal.

Access njdep online via http://www.nj.gov/dep/online/



Click on the, "New users should request access to DEP Online here (please see instructions)." option.



An authorization code will be sent out to you. Once you receive this follow the instructions in the email. Since you are asking for access to NJPDES facilities you will need to fill out a NJPDES EDI Agreement Form and mail it to NJDEP for approval.

NJPDES EDI AGREEMENT

Prior to submission of this form you must create a User Profile for the NJDEP-Online Portal at www.njdeponline.com. Please specify the User ID below. All information on this form must be completed. Incomplete forms will not be processed.

Section A: Conditions of Participation

The Applicant, referred to as the Permittee from this point on, understands that participation in the electronic submission of NJPDES Monitoring Report Forms (MRFs) is equivalent to the existing manual operation. The Permittee understands that current NJPDES rules and regulations remain in full force. MRFs include the Discharge Monitoring Report form (DMR), the Waste Characterization Report form (WCR) and the Residuals Transfer Report form (RTR). The NJDEP does not make any claims or warrants as to the reliability of the EDI application. The Permittee understands that aside from routine server maintenance there could be periods when the application, through no fault of the NJDEP or the Permittee, is not available. If applicable, the NJDEP will respond to late and non-submittal situations in accordance with the statute and regulations and in the same manner as they are presently handled, including the evaluation of claims of extenuating circumstances or inadvertent omissions.

Upon approval, the Permittee shall be given Facility Administration access rights to the NJPDES EDI application. Facility Administration will allow the Permittee to manage NJPDES EDI user access to their permit or permits, thus allowing them to adjust for personnel changes without the involvement of the NJDEP. Finally, the Permittee is fully aware that all submittals that have been certified through the NJPDES EDI application constitute a legally binding document.

Section B: Facility Information

Please list the NJPDES Permits for which you would like to submit MRFs electronically:

**** NJPDES Permit(s) (enter one or more):*** *NJ*_____ ***Facility Name:*** _____
Street Address: _____
City: _____ State: New Jersey Zip: _____

*NJ*_____ ***Facility Name:*** _____
Street Address: _____
City: _____ State: New Jersey Zip: _____

* If applying for more than 2 please enter information on back of this form.

Section C: Facility Administrator Information (Note: This must be an employee of the above organization)

The following information is needed in order to give an individual the security rights to manage NJPDES EDI user access to their permit or permits. We strongly discourage multiple Facility Administrators. However, if you decide that you would like a backup, please check this field ____ and list that information on the back of this form.

Name of Person requesting access: _____ Print Name _____ Title _____@_____ E-mail address

_____ Phone _____ User ID (previously specified at the NJDEP On-Line Login Screen in User Profile)

NJPDES EDI AGREEMENT - Cont'd

Section D: Responsible Official Certification

A Responsible Official is defined in N.J.A.C. 7:14A-4.9 as follows:

- **For a corporation:** A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures, or a duly authorized representative.
- **For a partnership:** A general partner or a duly authorized representative.
- **For a sole proprietorship:** The proprietor or a duly authorized representative.
- **For a government agency:** A ranking elected official; or the chief executive officer of the agency; or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator); or a duly authorized representative.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

Your signature indicates your desire to participate in the NJPDES EDI program and your acceptance of all the terms and conditions in this document.

Responsible Official Name	Title	Responsible Official Signature	Date	Phone

Return to: Mail Code 401-02B
NJDEP – Bureau of Permit Management
PO Box 029
Trenton, NJ 08625-0029
Attn: Debbie Esposti

Do Not Write Below This Line - For NJDEP Use Only

Processed By: _____ _____

Signature ***Date***