



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code – 401-02B
Division of Water Quality
Bureau of Surface Water Permitting
P.O. Box 420 – 401 E State St
Trenton, NJ 08625-0420
Phone: (609) 292-4860 / Fax: (609) 984-7938

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

To: Distribution List
NJDEP Division Of Water Quality
401 E. State Street
Trenton, NJ 08625

November 21, 2011

Re: Final Surface Water Master General Permit Renewal
Category: B7 - Construction Dewatering General Permit
NJPDES Permit No. NJ0134511
NJPDES Master General Permit Program Interest
Trenton City, Mercer County

Dear Interested Party:

Enclosed is a **final** New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A. This renewal permit authorizes discharges of groundwater that result from lowering the groundwater table during construction. This master general permit serves to renew the existing Construction Dewatering General Permit which expired on May 31, 2010.

The Department issued the draft permit on October 14, 2011. Notice of this draft action appeared in eighteen newspapers to represent all New Jersey counties and was published in the Department's July 20, 2011 DEP Bulletin. The public comment period closed on November 14, 2011. No written comments were received on the draft action during the comment period, and no provisions of the draft permit have been changed in the final permit.

A complete copy of this final permit action is on the Department's web site at www.state.nj.us/dep/dwq/gp_surfacewater.htm under the Construction Dewatering General Permit icon. If you would prefer that a paper copy of the final permit be mailed to you, please contact Surya Shah or Tara Goodreau of the Bureau of Surface Water Permitting at (609) 292-4860 or via email at suryakant.shah@dep.state.nj.us or tara.goodreau@dep.state.nj.us.

Questions or comments regarding the final action should be addressed to Surya Shah or Tara Goodreau at (609) 292-4860.

Sincerely,

Pilar Patterson, Chief
Bureau of Surface Water Permitting

Enclosures

cc: Permit Distribution List
Masterfile #: 39609; PI #: 50577

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This permit package contains the items listed below:

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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: NJ0134511

Final: Surface Water Master General Permit Renewal

Permittee:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division Of Water Quality
PO Box 420
401 East State Street
Trenton, NJ 08625

Property Owner:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division Of Water Quality
PO Box 420
401 East State Street
Trenton, NJ 08625

Location Of Activity:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division Of Water Quality
PO Box 420
401 East State Street
Trenton, NJ 08625

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
B7- Construction Dewatering (GP)	11/21/2011	1/01/2012	12/31/2016

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

A handwritten signature in black ink, appearing to read "Pilar Patterson".

**DEP AUTHORIZATION
Pilar Patterson, Chief
Bureau of Surface Water Permitting
Division of Water Quality**

(Terms, conditions and provisions attached hereto)

Division of Water Quality

PART I

NARRATIVE REQUIREMENTS

Construction Dewatering (GP)

A. GENERAL REQUIREMENTS FOR AUTHORIZATION UNDER THE NJPDES DISCHARGE TO SURFACE WATER GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES (NJ0134511)

1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all of 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. (below), which are in effect as of the effective date of this final renewal permit.
- b. General Conditions
 - i. Penalties for Violations - N.J.A.C. 7:14-8.1 et seq
 - ii. Incorporation by Reference - N.J.A.C. 7:14A-2.3
 - iii. Toxic Pollutants - N.J.A.C. 7:14A-6.2(a)4i
 - iv. Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
 - v. Duty to Mitigate - N.J.A.C. 7:14A-6.2(a)5, 6.2(a)11
 - vi. Inspection and Entry - N.J.A.C. 7:14A-2.11(e)
 - vii. Enforcement Action - N.J.A.C. 7:14A-2.9
 - viii. Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
 - ix. Effect of Permit/Other Laws - N.J.A.C. 7:14A-2.9(c), 6.2(a)6&7
 - x. Severability - N.J.A.C. 7:14A-2.2(b)
 - xi. Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
 - xii. Permit Actions - N.J.A.C. 7:14A-2.7(c)
 - xiii. Permit Duration - N.J.A.C. 7:14A-2.7(a)
 - xiv. Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
 - xv. Treatment Works Approval - N.J.A.C. 7:14A-22 & 23
 - xvi. General Permits - N.J.A.C. 7:14A-6.13
- c. Operation and Maintenance

Construction Dewatering (GP)

- i. Need to Halt or Reduce not a Defense - N.J.A.C. 7:14A-2.9(b)
- ii. Proper Operation and Maintenance - N.J.A.C. 7:14A-6.12(a)
- d. Monitoring And Records
 - i. Monitoring N.J.A.C. 7:14A-6.5
 - ii. Record Keeping - N.J.A.C. 7:14A-6.6
 - iii. Signatory Requirements for Monitoring Reports - N.J.A.C. 7:14A-6.9
- e. Reporting Requirements
 - i. Planned Changes - N.J.A.C. 7:14A-6.7
 - ii. Noncompliance Reporting - N.J.A.C. 7:14A-6.10
 - iii. Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10(c) & (d)
 - iv. Written Reporting N.J.A.C. 7:14A-6.10(e) &(f) & 6.8(h)
 - v. Duty to Provide Information - N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
 - vi. Transfer - N.J.A.C. 7:14A-6.2(a)8, 6.13(n), 16.1, 16.2

B. GENERAL REQUIREMENTS FOR CONSTRUCTION DEWATERING DISCHARGES (NJ0134511)

1. PURPOSE AND SCOPE

- a. This General Permit for Construction Dewatering authorizes the short term discharge of groundwater for the purpose of lowering the groundwater table during construction related activities.
 - i. Newly included in this renewal is the ability, on a case by case basis, to authorize other short term uncontaminated discharges (such as water from newly developed potable well pump tests). Although this Master General Permit is specifically designed for construction dewatering related activities, the Department reserves the right to include, as deemed appropriate, other short term, uncontaminated, clean water discharges.
- b. This permit is intended for short-term discharges containing de minimis amounts of pollutants. A de minimis discharge for purposes of this general permit is defined as water containing a relatively insignificant amount of pollutants that complies with all of the conditions specified in this permit, including the limitations specified in Appendix A.
- c. This permit operates under the premise that appropriate Best Management Practices (BMPs) are implemented prior to discharge and temporary treatment units are provided, if necessary. If the discharge causes adverse environmental impacts to the receiving waters, the discharge is in violation of this permit. The entity authorizing the activity and certifying compliance with the requirements of this general permit would then be subject to enforcement action. A representative from the Department's Bureau of Water Compliance and Enforcement will be contacted if it is suspected that a discharge event was not conducted in accordance with all requirements of this permit.

- d. The entity responsible for the work that results in a discharge authorized by this permit, is required to submit an original copy of the Request for Authorization Certification Form (Certification) certifying that the proposed discharge(s) will comply with all of the conditions of this permit. The Department must receive the Certification form at least fourteen (14) days prior to the proposed discharge. Specific information regarding the Certification form is found in Section E below. The Certification form is available on the Department's website at www.state.nj.us/dep/dwq/forms.htm. The applicant becomes authorized to discharge under this general permit fourteen (14) days after the Department receives the complete Certification form, UNLESS the Department notifies the applicant that the discharge is NOT eligible.
- e. The certifying agent will be responsible for ensuring that the discharge meets all of the applicable requirements of this general permit during the entire discharge event.
- f. This general permit EXCLUDES discharges into Outstanding National Resource Waters (ONRW), the highest level of protection afforded to the surface waters under the New Jersey Surface Water Quality Standards (SWQS), which includes Freshwater 1 (FW1) waters and Pinelands (PL) waters. FW1 waters, also known as nondegradation waters, are set aside for posterity because of their unique ecological significance, exceptional recreational significance or exceptional water supply significance. Nondegradation waters are not to be subjected to any manmade wastewater discharges. PL waters include all waters within the Pinelands area.
- g. Additionally, this general permit also EXCLUDES discharges into FW2-Category 1 (C1) waters and certain Shellfish waters. Shellfish waters exclusion locations are consistent with the current Shellfish Growing Water Classification Charts, which are updated annually in accordance with N.J.A.C. 7:12-1 et seq. These charts may be obtained online at www.nj.gov/dep/bmw or from the Bureau of Marine Water Monitoring, P.O. Box 405, Stoney Hill Road, Leeds Point, New Jersey 08220 or from any shellfish agency, shellfisheries office or the marine police.
- h. Category 1 Waters (C1) means those waters designated in the tables at N.J.A.C. 7:9B-1.15 (c) through (i), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality based on exceptional ecological significance, exceptional recreational significance, exceptional water supply significance or exceptional fisheries resource(s) to protect their aesthetic value (color, clarity, scenic setting) and ecological integrity (habitat, water quality and biological functions).
- i. Water body classifications are defined in N.J.A.C. 7:9B-1.4. All individual stream classifications are designated in tables located at N.J.A.C. 7:9B-1.15 (c) through (j). Table (j) specifically lists all FW1 waters. For those receiving waters not listed, the applicable classification is that of the waterbody into which the immediate receiving water empties.
- j. For additional information pertaining to FW1, FW2-Category 1 (C1), FW2, PL or Shellfish waters, the permittee should contact the Department's Bureau of Water Quality Standards and Assessment at (609) 777-1753.
- k. Discharges eligible for authorization under this permit may be discharged to FW2 (except waters classified as C1), SE1, SE2, SE3 and SC waters of the State directly and /or via storm sewers.
- l. The Department may authorize scheduled multiple short-term discharges occurring over a period of time. In these instances, the Department requires the Certification form to include a proposed schedule of the expected discharges. If unforeseen circumstances occur and it is necessary to extend the duration of the discharge, the person signing the certification form must submit a written request to the Department (the Bureau of Surface Water Permitting) for a determination to continue authorization under this permit, that includes the new expected completion date.

C. CONDITIONS FOR AUTHORIZATION UNDER THE NJPDES GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES

1. Certification Requirements

- a. A completed and signed Certification form (and analytical data) shall be submitted to the Department at the address specified on the Certification form.
- b. A copy of the Certification form (and analytical data) must also be submitted to the Department's appropriate regional Enforcement Bureau, depending on the county in which the discharge activity will occur. The addresses are specified below:
 - i. For Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, and Warren Counties:
Northern Bureau of Water Compliance and Enforcement
7 Ridgedale Avenue
Cedar Knolls, New Jersey
07927-1112
 - ii. For Mercer, Middlesex, Monmouth, Ocean and Union Counties:
Central Bureau of Water Compliance and Enforcement
Mail Code 09-03
P.O. Box 420
Trenton, New Jersey 08625-0420
 - iii. For Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester and Salem Counties:
Southern Bureau of Water Compliance and Enforcement
One Port Center
2 Riverside Drive, Suite 201
Camden, New Jersey 08102
- c. A copy of this Certification form must also be maintained on site during the discharge event. Where it is not practical to keep a copy of the Certification form on site, a copy must be maintained in the business office of the certifying entity and a copy provided to the clerk in the town or municipality where the discharge activity will occur. The certifying entity authorizing the work must maintain a copy of the Certification form for a period of five (5) years, as per N.J.A.C. 7:14A-6.6.
- d. If applying for scheduled multiple short-term discharges, the Certification form shall include a proposed schedule of the expected discharges.
- e. Questions regarding construction dewatering activities, which are similar to the discharges listed above but are not specifically addressed herein, or questions regarding the eligibility of any discharge through this general permit, should be directed to the Bureau of Surface Water Permitting at (609) 292-4860 or by email to suryakant.shah@dep.state.nj.us or tara.goodreau@dep.state.nj.us so that a permit determination can be made.
- f. Incidental discharges to ground waters (DGW) of the State which may result from a discharge authorized by this permit, such as from overland flow on the way to the storm sewer or surface water conveyance, are also authorized under this general permit.
- g. The permittee shall maintain records of monitoring information, including the following:
 - i. all calibration and maintenance records;

- ii. records of all data used to complete the application/ Certification form and copies of all reports shall be retained for a period of five (5) years as required by N.J.A.C. 7:14A-6.6.
- h. This permit does not waive the requirement to obtain any other necessary Federal, State or Local government consents or approvals. No work shall be undertaken until such time as all other required approvals and permits have been obtained.
- i. This permit does not grant permission to use publicly or privately owned storm sewers or conveyances. The discharger is responsible for obtaining permission from the appropriate entity for such use.
- j. Representatives of the Department shall have the right to enter and inspect any area associated with a discharge authorized under this permit.
- k. The discharge shall not cause or result in erosion to the area of the discharge or the surrounding stream banks. Adequate dewatering structures and velocity dissipation devices should be used when necessary to prevent and minimize erosion, stream scouring and increases in turbidity. Dischargers may refer to "Standards for Soil Erosion and Sediment Control in New Jersey", as promulgated by the State Soil Conservation Committee and N.J.A.C.2:90-13 et seq. In addition, the Regional Soil Conservation District office (organized by county) may be contacted for guidance on soil erosion control.
- l. Construction dewatering projects exceeding 100,000 gallons per day (GPD) of groundwater for a period of 30 days or more, may also require a water allocation permit from the Department's Bureau of Water Allocation. The applicant may contact the Bureau of Water Allocation at (609) 292-2957 for additional information.
- m. Construction dewatering projects authorized under this general permit that are expected to discharge for a period of 30 days or more and also utilize a temporary treatment unit, shall contact the Department's Bureau of TWA and CSO and Construction Management at (609) 984-6840 to determine whether a Treatment Works Approval (TWA) must be obtained.
- n. The discharger shall take into account the conveyance capacity of the discharge outlet structure and/or conveyance structure prior to discharge and shall manage or control the flow of the discharge accordingly. The discharge shall not cause or create downstream flooding conditions.
- o. The permittee shall not discharge foam or cause foaming of the receiving water that:
 - i. forms objectionable deposits on the receiving water;
 - ii. forms floating masses producing a nuisance; or
 - iii. interferes with a designated use of the waterbody.
- p. The permittee's discharge shall not produce objectionable color or odor in the receiving stream.
- q. The discharge shall not exhibit a visible sheen, nor contain any scum or other residual matter.
- r. The discharger shall minimize the amount of suspended solids or turbidity in the discharge so as to not cause adverse impacts or be detrimental to the natural aquatic biota, or cause instream exceedances of the New Jersey Surface Water Quality Criteria (N.J.A.C. 7:9B-1.14 et seq.) in the receiving water. If the discharge contains suspended solids, BMPs shall be utilized to minimize the levels prior to discharge to the receiving water. Some examples of BMPs include increased retention time and filtration devices (such as hay bales).

- s. There shall be no discharge of floating solids in other than trace amounts. The discharger shall use appropriate BMPs to eliminate floating debris, floatable or settleable solids, including construction or maintenance-related dirt, rust, or scale present in the waters prior to discharge.
- t. The following statement shall be signed by the authorized agent and submitted to the Department: "I certify under penalty of law that this Certification form 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."

D. MONITORING BY TURBIDITY (optional)

- a. Continuously monitoring turbidity may provide a correlation with elevated concentrations of some pollutants listed in "Appendix A" (e.g. organic compounds). This turbidity benchmark shall ensure that the removal of solids and particulates in the discharge shall be at least equal to or below the pollutant levels listed in Appendix A.
- b. Should the discharger elect to establish turbidity as a methodology to ensure compliance with the pollutants listed in Appendix A, the discharger shall sample for turbidity daily and record each result from each dewatering location. The discharger shall maintain a monthly log of the turbidity sample results on site for all construction dewatering activities. The turbidity sample results as well as the methodology for the determination of a turbidity benchmark shall be submitted to the Department at the following address:
Division of Water Quality
Bureau of Surface Water Permitting
Mail Code 401-02B
P.O. Box 420
Trenton, New Jersey 08625-0420

E. EXCLUSIONS - THE FOLLOWING DISCHARGES ARE SPECIFICALLY EXCLUDED FROM AUTHORIZATION UNDER THIS GENERAL PERMIT (NJ0134511)

- a. Sediment laden waters controlled under the Standards for Soil Erosion and Sediment Control in New Jersey and the Soil Erosion and Sediment Control Act (N.J.S.A. 4-24-39 et seq);
- b. All discharges of industrial process wastewater including contact and non-contact cooling water;
- c. Sanitary sewer flushing;
- d. Discharges from domestic, publicly or privately owned, and industrial treatment works;
- e. Combined sewer overflow;
- f. Sanitary sewer overflow;
- g. Discharges in any way associated with site remediation activities, including groundwater from any site adjacent to a site either needing water or soil remediation or any contaminated site needing remediation;

- h. Contaminated water from monitoring well construction and development or capping;
- i. Discharges from water and wastewater treatment system bench scale and pilot testing;
- j. Discharges resulting from filter backwash operations;
- k. Draining of and filter backwash from municipal, commercial, or other non-residential swimming pools;
- l. Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels;
- m. Contaminated water resulting from construction dewatering activities;
- n. Discharges resulting from water main breaks and water distribution system infrastructure failures;
- o. Emergency discharges of contaminated waters;
- p. Tank or vessel bottom water accumulated at the bottom of the tank/vessel during its operations;
- q. Discharges from the disinfection of newly constructed or repaired potable water mains or fire hydrant flushing;
- r. Discharges resulting from Hydrostatic testing of tanks, vessels or pipelines;
- s. All petroleum product clean up activities; and
- t. Discharges from mining operations.

**F. REQUEST FOR AUTHORIZATION CERTIFICATION FORM
(Certification)**

- a. The company or entity authorizing the activity which will result in the discharge to be authorized by this permit, must designate an agent. The agent will be responsible for ensuring that the discharge complies with all applicable requirements of this permit and must certify this on the Certification form. The Certification form is available on the Department's website at: www.state.nj.us/dep/dwq/forms.htm.
- b. An original Certification form, legally executed by the designated agent, shall be submitted to the Department's Bureau of Surface Water Permitting, with a copy sent to the Regional Water and Compliance Enforcement office, as listed on the Certification form. This must be completed and submitted to both offices at least fourteen (14) days prior to the proposed discharge. A copy of the Certification shall also be kept on site, where this is impractical, a copy shall be kept at the business office of the designated agent. A copy of this certification form shall also be sent to the clerk in the town or municipality in which the discharge shall occur. This Certification form shall be made available to a Department representative or other person(s) upon request. The Certification form shall contain all of the following information:
 - i. the name of the operating entity authorizing the work (company, town or municipality) resulting in the discharge to surface water and the name, title, physical and email contact information of a principal officer in the company or of a specified official in the town or municipality.
 - ii. the name and title of the designated agent, affiliation, address, telephone number and email address;
 - iii. a project description and the scheduled date(s) of the proposed discharge event(s);

- iv. the source of the water to be discharged (e.g., ground water);
 - v. the number of well point(s), if applicable, and the approximate total quantity of water to be discharged, as well as the anticipated flow rate of the discharge;
 - vi. the approximate duration of the discharge;
 - vii. a description of the designated discharge point and the location(s) (street name(s) or street address (as appropriate), municipality, and county) of the discharge;
 - viii. the receiving water(s) to which the discharge will be directed, including the method of transport (i.e., via storm sewer, ditch, tributary, etc.);
 - ix. a description of the BMPs to be used, and any temporary treatment units used;
 - x. a description of any turbidity benchmark established, if appropriate.
- c. If this Certification form is not submitted as specified above, or cannot be produced upon request by a Department or other government or jurisdictional representative, the discharger may be subject to enforcement action(s).
 - d. If the conditions of this permit are not met, the Department reserves the right to require the discharger to cease discharging and to obtain an individual or other general NJPDES permit and/or to utilize other alternate disposal methods.

G. SIGNATORY REQUIREMENTS FOR THE CERTIFICATION FORM

- 1. According to N.J.A.C. 7:14A-4.9, requests for authorization and other information requested by the Department, shall be signed by a person described in (a) through (d) below.**
 - a. For a corporation, by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
 - i. 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
 - ii. The manager of one or more manufacturing, production or operating facilities provided:
 - (1) The manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of recommending major capital investment, initiating and directing comprehensive measures to assure long term compliance with environmental laws and regulations and ensuring that the necessary systems are established or actions taken to gather complete and accurate information for the Certification form requirements; or
 - (2) The authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - b. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
 - c. (c) For a municipality, State, Federal, or other public agency, by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:
 - i. The chief executive officer of the agency; or
 - ii. A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator); or

- d. By a duly authorized representative as described in (i) below.
 - i. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in 1(a) through (c), above;
 - (2) The authorization specifies either an individual or a position who's occupant has responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position who's occupant has overall responsibility for environmental matters of the company. (A duly authorized representative may thus be either a named individual or any other individual occupying a named position); and,
 - (3) the written authorization is submitted to the Department.

2. If an authorization under (d) above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of (d) above, must be submitted to the Department with the Certification form signed by an authorized representative.

- a. Any person signing the Certification form under section G.1 above, shall make the following Certification:

"I certify under penalty of law that this Certification form 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."

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0134511
DSW100002 Surface Water Master General Permit Renewal

APPENDIX A

The parameters listed below are in accordance with the remediation standards at N.J.A.C. 7:14A-12, Appendix B except for MTBE, which is in accordance with N.J.A.C. 7:9B-1.14 et seq. The applicant shall ensure that the construction dewatering water shall be sampled and analyzed at a detection level as sensitive as the Recommended Quantitation Levels (RQL) for all of the parameters.

Acid Compounds

All units are in micrograms per liter ($\mu\text{g/L}$)

Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
2-Chlorophenol	31	98	31	98	20
2,4 Dichlorophenol	39	112	39	112	10
2,4 Dimethylphenol	18	36	18	36	13.5
4,6 Dinitro-O-Cresol	NL	60	78	277	60
2,4 Dinitrophenol	71	123	71	123	10
2-Nitrophenol	41	69	41	69	18
4-Nitrophenol	72	124	72	124	12
Pentachlorophenol	NL	30	NL	30	30
Phenol	15	26	15	26	10
2,4,6 Trichlorophenol	NL	20	NL	20	20

Pesticides

All units are in micrograms per liter ($\mu\text{g/L}$)

Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Aldrin	NL	0.04	NL	0.04	0.04
Alpha-BHC	NL	0.02	NL	0.02	0.02
Beta-BHC	0.137	0.274	0.46	0.92	0.04
Gamma-BHC (Lindane)	NL	0.08	NL	0.03	0.03
Chlordane	NL	0.2	NL	0.2	0.2
4,4'-DDT	NL	0.06	NL	0.06	0.06
4,4'-DDE	NL	0.04	NL	0.04	0.04
4,4'-DDD	NL	0.04	NL	0.04	0.04
Dieldrin	NL	0.03	NL	0.03	0.03
Alpha-Endosulfan	NL	0.02	NL	0.02	0.02
Beta-Endosulfan	NL	0.04	NL	0.04	0.04
Endosulfan Sulfate	0.93	1.86	2	4	0.08
Endrin	NL	0.04	NL	0.04	0.04
Endrin Aldehyde	0.76	1.52	0.81	1.62	0.1
Heptachlor	NL	0.02	NL	0.02	0.02
Heptachlor Epoxide	NL	0.4	NL	0.4	0.4
Toxaphene	NL	1	NL	1	1

Volatile Compounds		Appendix A (Continued)			
All units are in micrograms per liter (µg/L)					
Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Acrolein	NL	100	NL	100	50
Acrylonitrile	NL	50	NL	50	50
Benzene	NL	7	37	136	7
Bromoform	NL	8.6	29	58	8
Carbon Tetrachloride	NL	6	NL	8.8	6
Chlorobenzene	15	28	15	28	6
Chlorodibromomethane	NL	8.2	NL	14	6
Chlorethane	104	268	104	268	N/A
Chloroform	NL	11.4	21	46	5
Dichlorobromomethane	NL	5	NL	12	5
1,1-Dichloroethane	22	59	22	59	23.5
1,2-Dichloroethane	NL	3	68	211	3
1,1-Dichloroethylene	NL	6	16	25	6
1,2-Dichloropropane	153	230	153	230	5
1,3-Dichloropropylene	10	20	29	44	7
Ethylbenzene	32	108	32	108	6
Methyl Bromide	20	40	20	40	9
Methyl Chloride	86	190	86	190	10
Methylene Chloride	NL	9.4	40	89	6
1,1,2,2 Tetrachloroethane	NL	10	NL	10	10
Tetrachloroethylene	NL	16	22	56	9
Toluene	26	80	26	80	6
1,2-Trans-Dichloroethylene	21	54	21	54	4
1,1,1-Trichloroethane	21	54	21	54	6
1,1,2-Trichloroethane	NL	12	21	54	6
Trichloroethylene	NL	5.4	21	54	5
Methyl tertiary butyl ether (MTBE)	NL	70	NL	NL	N/A
Vinyl Chloride	NL	10	104	268	10

Metals and Cyanide					
All units are in micrograms per liter (µg/L)					
Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Arsenic	50	100	50	100	8
Cadmium	50	100	50	100	4
Chromium	50	100	50	100	10
Copper	50	100	50	100	10
Iron	1000	2000	1000	2000	100
Lead	50	100	50	100	10
Mercury	NL	1	NL	1	1
Nickel	72	144	50	100	10
Selenium	50	100	50	100	10
Silver	25	50	25	50	2
Zinc	100	200	100	200	30
Cyanide	100	200	100	200	40

Base/Neutral Compounds		Appendix A (Continued)			
All units are in micrograms per liter (µg/L)					
Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Anthracene	22	59	22	59	10
Benzidine	NL	50	NL	50	50
Benzo (a) Anthracene	NL	10	NL	10	10
Benzo (a) Pyrene	NL	20	NL	20	20
Benzo (b) fluoranthene	NL	10	NL	10	10
Benzo (k) fluoranthene	NL	20	NL	20	20
Bis (2-Chloroethyl) Ether	NL	10	NL	10	10
Bis (2-Chloroisopropyl) Ether	301	757	301	757	10
Bis (2-Ethylhexyl)Phthalate	NL	36	59	118	30
Butyl Benzyl Phthalate	NL	24	NL	24	20
Chrysene	NL	20	NL	20	20
Dibenzo (a,h) Anthracene	NL	20	NL	20	20
1,2 Dichlorobenzene	77	163	77	163	9
1,3 Dichlorobenzene	31	44	31	44	9
1,4 Dichlorobenzene	NL	28	NL	28	20
3,3 Dichlorobenzidine	NL	60	NL	60	60
Diethyl Phthalate	81	203	81	203	10
Dimethyl Phthalate	19	47	19	47	10
Di-N-Butyl Phthalate	27	57	27	57	20
2,4 Dinitrotoluene	NL	10	NL	18.2	10
2,6 Dinitrotoluene	255	641	255	641	9.5
Fluoranthene	25	68	25	68	10
Fluorene	22	59	22	59	10
Hexachlorobenzene	NL	10	NL	10	10
Hexachlorobutadiene	NL	10	20	49	10
Hexchlorocyclopentadiene	240	480	NL	1800	10
Hexachloroethane	19	38	21	54	10
Indeno (1,2,3-cd) Pyrene	NL	20	NL	20	20
Isophorone	NL	20	NL	20	10
Naphthalene	22	59	22	59	8
Nitrobenzene	17	34	27	68	10
N-Nitrosodimethylamine	NL	20	NL	20	20
N-Nitrosodiphenylamine	NL	20	NL	20	20
Phenanthrene	22	59	22	59	10
Pyrene	25	67	25	67	20
1,2,4 Trichlorobenzene	68	140	68	140	10