



State of New Jersey

PHIL MURPHY
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code – 401-02B
Water Pollution Management Element
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

CATHERINE R. McCABE
Commissioner

SHEILA OLIVER
Lt. Governor

Via Email Only
April 15, 2020

Re: Draft Surface Water Master General Permit Renewal – Statewide
Category: B7 – Short Term De Minimis (GP)
NJPDES Permit No. NJ0134511

Dear Interested Party:

This letter is written to provide notification that the Department has prepared a **draft** New Jersey Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A-1 et seq., the NJPDES Regulations. This master general permit serves to renew the “Master General Permit for Short-term *De Minimis* Discharges” with minimal changes. A full copy of the subject permit will be posted on the Division’s website at www.nj.gov/dep/dwq.

Notice of this draft permit action will appear in the April 15, 2020 *DEP Bulletin*. The *DEP Bulletin* is available on the internet at <http://www.state.nj.us/dep/bulletin>. In addition, notice of this draft permit will appear in the major Northern, Central and Southern NJ newspapers (listed below). In accordance with N.J.A.C. 7:14A-15.10(c)1i, the public comment period will close thirty days after the latest newspaper’s (listed below) publication date.

<i>Newspaper</i>	<i>County</i>
The Press of Atlantic City	<i>Atlantic, Cape May, Ocean and Cumberland</i>
Star Ledger	<i>Bergen, Essex, Hudson, Hunterdon, Middlesex, Morris, Passaic, Somerset, Sussex, Union and Warren</i>
The Times	<i>Mercer</i>
South Jersey Times	<i>Camden, Cumberland, Gloucester and Salem</i>

As detailed in the *DEP Bulletin* and the aforementioned newspapers, written comments must be submitted in writing to Susan Rosenwinkel, Bureau Chief, Mail Code: 401-02B, Division of Water Quality, Bureau of Surface Water Permitting, P.O. Box 420, Trenton, NJ 08625-0420 via e-mail at susan.rosenwinkel@dep.nj.gov or at deminimisgp@dep.nj.gov. All persons, including the applicant, who believe that any condition of this draft document is inappropriate or that the Department's tentative 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. Full copies of the draft and final master general permits will be made available at www.state.nj.us/dep/dwq.

The Department will respond to all significant and timely comments upon issuance of the final document. Each person who has submitted written comments will receive notice of the NJDEP's final decision to issue, revoke, or redraft the document.

If you have questions or comments regarding the draft action, please contact Dave Thomas either by phone at (609) 292-4860 or via email at deminimisgp@dep.nj.gov.

Sincerely,

A handwritten signature in black ink, reading "Muhammad N. Shaikh". The signature is written in a cursive style with a large initial 'M'.

Muhammad N. Shaikh
Environmental Engineer 4
Bureau of Surface Water Permitting

Enclosures

c: Permit Distribution List

Masterfile #: 39609; PI #: 50577

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New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Surface Water Permitting

PUBLIC NOTICE

Notice is hereby given that the New Jersey Department of Environmental Protection (the Department) proposes to renew the Master General Permit “Short-term *De Minimis* Discharge” Master General Permit (NJ0134511) for short-term *de minimis* discharges pursuant to N.J.A.C. 7:14A-6.13 of the New Jersey Pollutant Discharge Elimination System (NJPDES) Regulations. This general permit is issued in accordance with N.J.A.C. 7:14A-1 et seq., the NJPDES Regulations, and by authority of the Water Pollution Control Act at N.J.S.A. 58:10-1 et seq.

This renewal discharge to surface water Master B7 General Permit is issued to continue to authorize short term discharges which are *de minimis* in nature generated during construction activities for the purpose of lowering the groundwater table. This permit is also issued to authorize other miscellaneous discharges that do not pose a significant threat to water quality and which comply with all the conditions specified in this permit, including the applicable threshold values listed within the permit. The Department has determined that these point sources are more appropriately controlled under a general permit than under individual NJPDES permits.

Discharges will be allowed into surface waters of the State or separate storm sewers, except into receiving waters classified as FW1 and certain Shellfish waters. Discharges to Pinelands and Shellfish waters will require prior approval by the Pinelands Commission and the Department’s Bureau of Marine Fisheries, respectively. Discharges associated with industrial processes, site remediation activities, and sanitary sewerage systems are not covered under this general permit. The “Exclusions” section of the general permit provides further clarification.

Applicants must request authorization to be covered under this general permit by submitting a completed *Request For Authorization Application Form* (including the associated representative analytical data). Application forms must be received by the NJDEP at least 14 days prior to discharge via e-mail through the mailbox at deminimisgp@dep.nj.gov.

A draft NJPDES permit action has been prepared based on the administrative record filed at the NJDEP, 401 East State Street, Trenton, New Jersey 08625. Full copies of the draft and final master general permits will be made available at www.state.nj.us/dep/dwq/gp_deminimis.htm as well as electronically by contacting Dave Thomas (deminimisgp@dep.nj.gov) of the Bureau of Surface Water Permitting by email or at (609) 292-4860. Hard 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 between 9:00 A.M. and 2:00 P.M. If you are interested in scheduling an appointment or requesting specific information regarding the draft document, please contact the Records Access Program at (609) 341-3121 or details are available online at <https://www.nj.gov/dep/opra/>.

Written comments must be submitted in writing to Susan Rosenwinkel (Susan.Rosenwinkel@dep.nj.gov), Bureau Chief, or Attention: Comments on Public Notice NJ0134511, New Jersey Department of Environmental Protection, Division of Water Quality, Mail Code: 401-02B, Bureau of Surface Water Permitting, P.O. Box 420, Trenton, NJ 08625-0420. These written comments must be received by the close of the public comment period, which closes thirty calendar days after publication of this notice in the newspapers. All persons, including the applicant, 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.

The NJDEP will respond to all significant and timely comments upon issuance of the final document. The permittee and each person who has submitted written comments 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: NJ0134511

Draft: Surface Water Master General Permit Renewal

Permittee:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division of Water Quality
Mail Code 401-02B
P.O. 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
Mail Code 401-02B
P.O. 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
Mail Code 401-02B
P.O. Box 420
401 East State Street
Trenton, NJ 08625

Authorization Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
B7 – Short-term De Minimis Discharge (GP)			

By Authority of:
Commissioner's Office

DEP AUTHORIZATION
Susan Rosenwinkel, Bureau Chief
Bureau of Surface Water Permitting
Division of Water Quality

(Terms, conditions and provisions attached hereto)

Division of Water Quality

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Surface Water Permitting

FACT SHEET

Masterfile #: 39609

PI #: 50577

This fact sheet sets forth the principle facts and the significant factual, legal, and policy considerations examined during preparation of the draft master general short-term *de minimis* discharge permit (B7). This permit action has been prepared in accordance with the New Jersey Water Pollution Control Act and its implementing regulations at N.J.A.C. 7:14A-1 et seq., the New Jersey Pollutant Discharge Elimination System (NJPDES).

PERMIT ACTION: Surface Water Renewal Action – Master General Permit for Short-Term *De Minimis* Discharges

The New Jersey Department of Environmental Protection (the Department or NJDEP) is proposing to issue a Surface Water Master General Permit Renewal as entitled Master General Permit for Short-Term *De Minimis* Discharges”.

1 Description of the Master General Permit for Short-Term *De Minimis* Discharges:

There are many projects within the State of New Jersey that discharge to surface water for a short period of time but for which a traditional individual permit is not appropriate. In accordance with N.J.A.C. 7:14A-6.13(b)4, the Department can issue one master general permit to cover a category of discharges that meet the following criteria: involve the same or substantially similar types of operations; discharge the same type of wastes; require the same or similar effluent limitations and operating conditions; require the same or similar monitoring; and are more appropriately controlled under a general permit than under an individual permit.

By renewing the Master General Permit for “Surface Water General Permit for Short-term *De Minimis* Discharges”, the Department intends to continue to effectively regulate *de minimis* discharges without setting unreasonable or unnecessarily burdensome conditions or requirements for dischargers and without creating an undue administrative burden for the Department and applicant. This general permit is intended for short-term discharges (6 months or less). For the purposes of this general permit, a *de minimis* discharge is defined as a discharge which contains relatively insignificant amounts of pollutants, and which complies with all of the conditions specified in this permit, including the applicable limitations listed in Attachment 1.

The Master Short-term *De Minimis* permit serves as a useful tool for the Department and the regulated community. Allowing these discharges to continue along with including the ability to authorize several other commonly requested discharge types, serves to simplify and streamline the NJPDES permitting process for these and other similar types of discharges. Examples of the discharges that may qualify in addition to construction dewatering activities include but are not limited to: aquifer storage and recovery (ASR) discharges; geothermal discharges; well pump tests or similar types of short term infrequent discharges resulting from the potable water process. The construction dewatering component of the permit is included to continue to authorize planned construction dewatering discharges into surface waters. These discharges typically are short-term in duration. This short duration of time is substantially less than the amount of time it would take to administratively process and issue an individual NJPDES permit which has a five year term of effectiveness. The types of discharges that are subject to this general permit only need authorization for a portion of the actual five-year duration of an individual NJPDES permit.

In accordance with N.J.S.A. 58:10A, the Department is proposing that this general permit utilize Best Management Practices (BMPs), effluent analysis, and discharge limitations as listed in Attachment 1 of this permit. In all cases, the applicants shall propose adequate BMPs to protect against soil erosion and to control discharge of suspended solids. Some of the BMPs used by the dischargers may include filter fabric, hay bales, absorbent socks, silt fences, stone covered areas, frac tanks and holding tanks for settling suspended solids.

Additionally, this renewal permit action serves to continue the ability for effluent of this type to discharge into waters classified as Category One waters. Pursuant to N.J.A.C. 7:9B-1.5(d), Category One waters shall be protected from any measurable changes to the existing water quality. In order to obtain authorization for a *de minimis* discharge into waters classified as Category One, the applicant must:

1. Prove that the discharge is indeed *de minimis* as defined herein.
2. Present the results of one Acute Whole Effluent Toxicity (WET) test that demonstrates that the water to be discharged is not toxic.

Although no toxicity is expected to be exhibited in these discharges, an Acute WET limitation is being incorporated into this permit due to the high-quality nature of Category One waters. These requirements are significantly more stringent than the requirements for discharges to Category Two waters.

3. Provide the 7Q10 value for the receiving stream where the discharge flow will be restricted to a discharge no higher than the 7Q10 of the receiving stream. If the 7Q10 is less than or equal to 0.1 cubic feet per second (cfs) (64,627gpd), the maximum allowable flow will be 0.1 cfs.

In no case (Category One or Category Two receiving waters) shall the effluent discharge flow limit exceed 1 million gallon per day (MGD) under this permit authorization.

4. Monitor the effluent **prior to discharge** to ensure that no discharge to Category One waters shall have any parameter concentration exceeding the specific Discharge Threshold (DT) listed in Attachment 1.

The Department must be notified within 24-hours via e-mail (deminimisgp@dep.nj.gov) and the DEP HOTLINE (1-877-WARNDEP) regarding (1) the date when the discharge physically begins and (2) the date when the discharge has ceased.

If the analytical data submitted show that the discharge of any pollutant is above the applicable levels specified in Attachment 1, the applicant must apply for coverage under another existing general remediation permit (e.g., NJPDES permits as issued under Category B4B or BGR; see www.nj.gov/dep/dwq/gp_surfacewater.htm or an individual NJPDES permit to discharge to surface waters of the state. Also, the 5G3 is available for stormwater discharges related to construction discharges in which regulated entities are required to develop a soil erosion and sediment control plan aimed at controlling the flow of contaminated rainwater into streams and rivers. See www.nj.gov/dep/dwq/5g3.htm.

As mentioned above, discharges permitted to Category One waters will be limited by flow, duration, and quality (DT's and WET limit). The Department asserts that the combination of these additional restrictions, which are beyond what is required for Category Two waters, will adequately protect water quality of Category One waters from any measurable changes.

Applicants wishing to be covered under this general permit must meet certain eligibility criteria. Applicants are required to submit a "**Request for Authorization Application Form**" (RFA), with an accompanying representative **unfiltered and untreated** discharge analysis to the Department at least **14 days prior to discharge via e-mail**. The entity should simultaneously submit a copy **via e-mail** of the RFA and representative sample analysis to deminimisgp@dep.nj.gov and the appropriate regional enforcement office, depending on the county where the discharge activity will occur. The applicant, in addition to submitting the RFA to the Department, must have a copy of the RFA and Department Approval letter readily available on-site.

The company or entity conducting the activity that will result in a surface water discharge shall provide detailed information about the discharge itself. The person signing the RFA will also be responsible for ensuring that the discharge meets all applicable requirements of this general permit during the entire discharge event. The RFA shall

include specific information regarding the discharge including: scheduled dates, locations, rates of flow, estimated durations, conveyances, names of receiving waters with their classifications, analytical data, and all BMPs employed. In addition, discharges to Category One waters must also provide the 7Q10 data for the receiving stream. This data can be obtained by calling the United States Geological Survey at 1-888-ASK-USGS (1-888-275-8747). RFA application forms are available from the Department's web site: www.state.nj.us/dep/dwq/forms_surfacewater.htm.

This general permit **does not authorize** discharges into receiving waters classified as FW1 and certain Shellfish waters. Discharges to waters classified as PL will require approval by the Pinelands Commission prior to making any submission to NJDEP. The Pinelands Commission can be reached by calling (609) 894-7300 or at www.nj.gov/pinelands. Discharges to Shellfish waters will also require prior approval from the Bureau of Marine Water Monitoring (see <https://www.nj.gov/dep/bmw/>) which can be reached at (609) 748-2000. Once authorization is given by either of these entities, proof of this approval to discharge to Pinelands Waters or shellfish waters shall be e-mailed to Dave Thomas at deminimisgp@dep.nj.gov. Please refer to Section 6.c. of this Fact Sheet for excluded activities.

The classification of the receiving water must be included on each individual request for authorization under this general permit. Receiving water classifications may be obtained from N.J.A.C. 7:9B-1.1 et seq., the New Jersey SWQS (see www.nj.gov/dep/wms/bears/swqs.htm). In accordance with the SWQS, saline waters are considered to be those waters classified as SE1, SE2, SE3, or SC and fresh waters are considered to be those waters classified as FW2 waters. For waters with two classifications (e.g. FW2-NT/SE1), the waterbody is defined as saline if the result of a salinity measurement exceeds 3.5 parts per thousand at mean high tide or as fresh if the salinity is less than or equal to 3.5 parts per thousand, in accordance with N.J.A.C. 7:9B-1.4. With respect to the Delaware River, where the classifications are specified as zones, the Delaware Memorial Bridge is the approximate location of the interface between saline and fresh water; therefore, discharges north of the Delaware Memorial Bridge will be considered to be discharging to fresh waters and discharges south of the Delaware Memorial Bridge will be considered to be discharging to saline waters. Please refer to Section 6 regarding additional detail on designated uses of various waterbody classifications.

2 Description of Facilities Covered by the Master Short-term *De Minimis* Discharges Permit:

To be considered eligible under this general permit, the discharge must be considered an eligible activity. To be considered *de minimis*, the discharge must, at a minimum, comply with the appropriate B7 Effluent Standards listed in Attachment 1 for the receiving water classification to minimize any environmental impact that may result from the discharge. This permit operates under the premise that if appropriate BMPs are implemented prior to the discharge, no negative environmental impact should result from the discharge. If appropriate BMPs are not employed, and the discharge causes adverse environmental impacts to the receiving water, the discharge is in violation of this permit, and the entity authorized for the activity and certifying compliance with the requirements of this general permit could be subject to enforcement action.

The discharges below may be **ELIGIBLE** for authorization under this permit:

- i. Discharges from the following construction activities: construction work related to residential or commercial building; repair, replacement or maintenance of pipelines, utility lines or cable lines; and excavation for foundation work.
- ii. Discharges resulting from the following activities that may qualify include, but are not limited to: aquifer storage and recovery (ASR) discharges, geothermal discharges, well pump tests or similar types of short term infrequent discharges resulting from the potable water process.
- iii. Discharges resulting from the installation of NEW underground or subsurface storage tanks may qualify for coverage provided the groundwater has not been contaminated by leakage from any existing underground storage tanks or any other source of contamination. If the associated groundwater is contaminated or suspected to contain contamination from petroleum products clean-up sites, remediation activities, or sediment laden waters please review the General Remediation Clean-

up (BGR) Permit or the General Petroleum Product Clean-up (B4B) Permit (see www.nj.gov/dep/dwq/gp_surfacewater.htm) to determine if either are applicable to your discharge.

- iv. Incidental discharges to groundwater 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.
- v. Discharges associated with other miscellaneous short term *de minimis* discharges, including discharges to Category 1 waterways. Although this General Permit was originally designed for construction dewatering related activities, the Department included, as deemed appropriate, other short term, *de minimis* discharges into the renewal permit action.

For other discharge scenarios not already described in this general permit, the Department may authorize multiple discharges that are short-term in nature and *de minimis*. The applicant should submit a request to the Department to be authorized under this permit and include an estimated discharge schedule. Other similar types of planned, non-continuous, short-term discharges may qualify for coverage under this permit on a case-by-case basis as determined by the Department.

If the discharge extends beyond 180 days (for Category Two waters), the Department will re-evaluate the eligibility of the discharge under this permit and additional monitoring may be required. For Category Two waters, if a discharge cited above exceeds a short-term nature due to unforeseen circumstances and it becomes necessary to extend the duration of the discharge, the person signing the Certification must submit a written request to the Department for a determination to continue to be authorized by this permit.

For discharges to Category One waters, the effective term of authorizations under this general permit is 30 consecutive days from the initiation of discharge. Should a discharge to Category One waters occur for 30 days and need to continue beyond the initial 30 consecutive days, a complete request for re-authorization (including a new collected sample analysis data and a new WET test result) must be submitted to the Department for review and approval prior to the expiration of the authorization. If the discharge extends beyond 90 days (for Category One waters) the Department will re-evaluate the eligibility of the discharge under this permit and additional monitoring may be required.

An application for an individual permit will be required to be submitted for any discharge that is expected to exceed 6 months in total duration.

All facilities considered eligible under this master general permit are considered minor dischargers by the Department in accordance with the United States Environmental Protection Agency (EPA) rating criteria.

Questions regarding discharges, which are similar to the discharges listed above that are not specified, or questions regarding the eligibility of any discharge for this general permit, should be directed to Dave Thomas of the Bureau of Surface Water Permitting either by phone at (609) 292-4860 or via email at deminimisgp@dep.nj.gov.

3 Description of Facilities Covered by the Master Short-term *De Minimis* Discharges Permit:

To be considered eligible under this general permit, the discharge may result from miscellaneous activities. To be considered *de minimis*, the discharge must, at a minimum, comply with the appropriate limitations listed in Attachment 1 for the receiving water classification to minimize any environmental impact that may result from the discharge. This permit operates under the premise that if appropriate BMPs are implemented prior to the discharge, no negative environmental impact should result from the discharge. If appropriate BMPs are not employed, and the discharge causes adverse environmental impacts to the receiving water, the discharge is in violation of this permit, and the entity authorized for the activity and certifying compliance with the requirements of this general permit could be subject to enforcement action.

The discharges below may be **ELIGIBLE** for authorization under this permit:

- i. Discharges from the following construction activities: construction work related to residential or commercial building; repair, replacement or maintenance of pipelines, utility lines or cable lines; and excavation for foundation work.
- ii. Discharges resulting from the following activities that may qualify include, but are not limited to: aquifer storage and recovery (ASR) discharges, geothermal discharges, well pump tests or similar types of short term infrequent discharges resulting from the potable water process.
- iii. Discharges resulting from installation of NEW underground or subsurface storage tanks may qualify for coverage provided the groundwater has not been contaminated by leakage from any existing underground storage tanks or any other source of contamination. If the associated groundwater is contaminated or suspected to contain contamination from petroleum products clean-up sites, remediation activities, or sediment laden waters please review the General Remediation Clean-up (BGR) Permit or the General Petroleum Product Clean-up (B4B) Permit to determine if either are applicable to your discharge.
- iv. Incidental discharges to groundwater 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.
- v. Discharges associated with other miscellaneous short term *de minimis* discharges, including discharges to Category 1 waterways. Although this General Permit was originally designed for construction dewatering related activities, the Department included, as deemed appropriate, other short term, *de minimis* discharges into the renewal permit action.

For other discharge scenarios not already described in this general permit, the Department may authorize multiple discharges that are short-term in nature and *de minimis* but that will occur over a period of time under this general permit. The applicant should submit a request to the Department to be authorized under this permit and include an estimated discharge schedule. Other similar types of planned, non-continuous, short-term discharges may qualify for coverage under this permit on a case-by-case basis as determined by the Department.

For Category Two waters, if a discharge cited above exceeds a short-term nature due to unforeseen circumstances and it becomes necessary to extend the duration of the discharge, the person signing the Certification must submit a written request to the Department for a determination to continue to be authorized by this permit. The duration of discharge to Category One waters shall be limited to 30 consecutive days from the initiation of discharge. A complete new request for authorization (including a new collected sample analysis data and a new WET test result) will be required for any discharge to Category One waters that will exceed 30 days and for each subsequent 30 day period up to a maximum of 90 days. Should a discharge to Category 1 waters need to be extended past this deadline a complete request for re-authorization must be submitted at a minimum 5 Business days prior to their 30 calendar day expiration date.

If the discharge extends beyond 90 days (for Category One waters) or 180 days (for Category Two waters), the Department will re-evaluate the eligibility of the discharge under this permit and additional monitoring will be required.

An application for an individual permit will be required to be submitted for any discharge that is expected to exceed 6 months in total duration.

All facilities considered eligible under this master general permit are considered minor dischargers by the Department in accordance with the United States Environmental Protection Agency (EPA) rating criteria.

Questions regarding discharges, which are similar to the discharges listed above that are not specified, or questions regarding the eligibility of any discharge for this general permit, should be directed to Dave Thomas of the Bureau of Surface Water Permitting either by phone at (609) 292-4860 or via email at deminimisgp@dep.nj.gov.

4 Summary of Permit Conditions:

A. Newly Proposed in This Master General Permit Action:

This permit action serves to renew the existing NJPDES/DSW Permit NJ0134511 as issued May 20, 2015 and effective June 1, 2015. Changes incorporated in this renewal permit are as follows:

- (1) The Department is changing the way applications (i.e. RFA form and data will be received). This renewal requires that all applications no longer be sent in paper form, but rather via email. This will help save time in processing requests as well as taking a more environmentally conscious approach. This also fulfills EPA's requirement for the electronic filing of applications.
- (2) The Department is enhancing the previous Request for Authorization Form through an electronic fillable form and including an application Checklist in order to make processing requests more efficient.
- (3) The Department is also removing the existing 14 day permit by rule condition. During the last 5 years the Department has effectively processed all applications before the 14 day deadline so this condition is no longer needed.
- (4) The Department is also modifying the notification requirement to replace emails to enforcement to instead call the DEP hotline (1-877-927-6337) regarding **(1)** the date when the discharge physically begins and **(2)** the date when the discharge has ceased.

B. Basis for Permit Conditions – General:

The effluent limitations and permit conditions in this permit have been developed to ensure compliance with the following:

1. NJPDES Regulations (N.J.A.C. 7:14A),
2. New Jersey Surface Water Quality Standards (N.J.A.C. 7:9B),
3. Water Quality Regulations of the Delaware River Basin Commission (N.J.A.C. 7:9B-1.5(b)1),
4. Interstate Environmental Commission Regulations (N.J.A.C. 7:9B-1.5(b)2),
5. Existing permit limitations in accordance with N.J.A.C. 7:14A-13.19 and 40 CFR 122.44 (antibacksliding requirements),
6. Permit limitations in accordance with N.J.A.C. 7:9B-1.5(d) (antidegradation requirements),
7. Federal anti-degradation regulations at 40 CFR 131.12, and
8. Statewide Water Quality Management Planning Rules (N.J.A.C. 7:15).

All permit limitations and conditions in this permit action, are equal to or no less stringent than those contained in the existing permit action. As a result, the Department has determined that the antidegradation policies at N.J.A.C. 7:9B-1.5(d), and 40 CFR 131.12, and antibacksliding provisions at N.J.A.C. 7:14A-13.19 and 40 CFR 402(O) were satisfied and no further evaluation is warranted.

C. Basis for Exclusions or Denial

This general permit **EXCLUDES** discharges into Outstanding National Resource Waters (ONRW) which is the highest level of protection afforded to surface waters under the SWQS. ONRW includes Freshwater 1 (FW1) 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. Activities that might alter existing water quality in FW1 waters are prohibited.

Because **PL waters** are maintained in their natural state and changes are allowed only toward natural water quality, the applicant must contact the Pinelands Commission at (609) 894-7300 to obtain approval for any proposed discharge prior to applying for this discharge permit to discharge to PL waters. Once authorization is given, an e-mail can be forwarded to Dave Thomas at deminimisgp@dep.nj.gov.

Additionally, this general permit **EXCLUDES** discharges into **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 at (609) 748-2000 at P.O. Box 405, Stoney Hill Road, Leeds Point, New Jersey 08220 or from any shellfish agency, shellfisheries office or the marine police. Discharges to Shellfish waters will also require prior approval from the Bureau of Marine Water Monitoring. Once authorization is given, an e-mail can be forwarded to Dave Thomas at deminimisgp@dep.nj.gov.

In addition, the Department may also make a case-by-case determination that any discharge authorization requests are ineligible for coverage under the conditions of this master general permit.

The following discharges are specifically **EXCLUDED** from Authorization under this permit because they are either regulated under other permits (see www.nj.gov/dep/dwq/gp_surfacewater.htm), or the discharge may cause adverse environmental impact to the receiving waters:

1. 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.*);
2. All discharges of industrial process wastewater including contact and non-contact cooling water;
3. Sanitary sewer flushing;
4. Discharges from domestic, publicly or privately owned, and industrial treatment works;
5. Combined sewer overflows;
6. Sanitary sewer overflows;
7. Discharges in any way associated with site remediation activities (including an existing B4B or BGR permit), in addition to any groundwater from any site adjacent to a site either needing water or soil remediation or any contaminated site needing remediation;
8. All petroleum product clean-up activities;
9. Contaminated water from monitoring well construction and development or capping;
10. Discharges from water treatment system bench scale and pilot testing;
11. Discharges from wastewater treatment system bench scale and pilot testing;
12. Discharges resulting from filter backwash operations;
13. Draining of filter backwash from municipal, commercial, or other non-residential swimming pools;
14. Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels;

15. Contaminated water resulting from construction dewatering activities;
16. Discharges resulting from water main breaks and water distribution system infrastructure failures;
17. Emergency discharges of contaminated water;
18. Tank or vessel bottom water accumulated at the bottom of the tank/vessel during its operations, and discharges incidental to the normal operation of vessels;
19. Discharges from the disinfection of newly constructed or repaired potable water mains, and fire hydrant flushing;
20. Discharges resulting from Hydrostatic testing; and
21. Discharges from mining operations.

D. Basis for Monitoring Requirements – Specific:

The following specific requirements apply:

For Discharges to Freshwater 2 (FW2), Saline Estuary 1 (SE1), Saline Estuary 2 (SE2), Saline Estuary 3 (SE3), and Saline Coastal (SC):

1. **Flow:** The permittee is required to estimate or monitor and record the discharge volume prior to commencement of discharge because any dewatering project that exceeds 100,000 gallons per day (GPD) discharge of groundwater for a period of 30 days or more may require a temporary water diversion permit from the Division of Water Supply and Geoscience. Please contact the Division of Water Supply and Geoscience at (609) 984-6831 or waterallocation@dep.nj.gov.

In no case (Category One or Category Two waters) shall the effluent discharge flow exceed 1 million gallons per day (MGD) under this permit authorization.

2. **Attachment 1 Parameters:** This general permit requires that the permittee comply with the applicable Attachment 1 standards for the receiving water classification. The Attachment 1 standards are based on the Department's "Effluent Standards For New Sources, New Discharges or Expanded Direct Discharges" pursuant to N.J.A.C. 7:14A-12, Appendix C. Therefore, at a minimum, the permittee is required to monitor the **raw unfiltered and untreated** discharge **prior to application** to ensure that the discharge complies with the Attachment 1 standards. Although Appendix C contains a limitation for Chronic WET of $IC25 \geq 100\%$, this limitation is not being incorporated into this permit. Due to the short-term nature of the discharges and the lack of detectable pollutants, the Department believes that a Chronic WET limitation is not necessary for these types of discharges.

Category One:

1. **Flow:** The permittee is required to estimate or monitor and record the discharge volume because any project that exceeds a 100,000 gallons per day (GPD) discharge of groundwater for a period of 30 days or more may require a temporary water diversion permit from the Department's Bureau the Division of Water Supply and Geoscience at (609) 984-6831 or waterallocation@dep.nj.gov.

Short-term *de minimis* discharges, such as those regulated under this permit, are not required to be addressed in the applicable Water Quality Management Plans and/or Wastewater Management Plans for each individual request for Authorization

FLOW RESTRICTIONS:

The applicant must provide the 7Q10 value for the receiving stream, and the discharge flow will be restricted to a discharge no higher than the 7Q10 of the receiving stream. If the 7Q10 is less than or equal to 0.1 cubic feet per second (cfs), (64,627 GPD), the maximum allowable flow will be 0.1 cfs.

In no case (Category One or Category Two waters) shall the effluent discharge flow exceed 1 million gallons per day (MGD) under this permit authorization.

For any discharge into Category One waters, no parameter in the effluent shall exceed the DT in Attachment 1 at any time.

2. Attachment 1 Parameters: This general permit requires that the permittee's discharge comply with the Surface Water Quality Standards (SWQS) for each Attachment 1 parameter. Therefore, at a minimum, the permittee is required to monitor the **raw unfiltered and untreated** discharge **prior to discharge** to ensure that no discharge to Category One waters shall have any parameter concentration exceeding the specific DT listed in Attachment 1. The RFA and Attachment 1 DT standards provide the Department with assurances that these discharges will not cause exceedances of the applicable Federal or State SWQS or exhibit any measurable changes in the receiving waterbody.
3. Whole Effluent Toxicity (WET): Although no toxicity is expected to be exhibited in the discharges, an Acute WET limitation is being incorporated into this permit due the high-quality nature of Category One waters. All discharges to Category One waters shall be analyzed to meet an Acute WET limitation of No Observed Adverse Effect Concentration (NOAEC). A result of NOAEC means that the survival rate of the test species at 100% effluent is not significantly different from the laboratory control. The test species to be used for acute testing shall be the *Ceriodaphnia dubia* 48 hour definitive test for discharges to freshwater and *Mysidopsis bahia* 96 hour definitive test for discharges to saline waters. The method selection is based on the characteristics of the receiving stream, N.J.A.C. 7:9B-1.5 and N.J.A.C. 7:18, the Regulations Governing the Certification of Laboratories and Environmental Measurements (N.J.A.C. 7:18).

A complete request for authorization (including data from a newly collected sample and a new WET test result) will be required to be submitted for any discharge to Category One waters extending beyond the initial 30 days and for each subsequent 30 day period up to a maximum of 90 days.

The discharges to Category One waters will be limited by Attachment 1 DT limits, NOAEC – Acute Whole Effluent Toxicity, flow volume, and time duration. The Department asserts that the combination of these additional limitations, beyond what is required of discharges to Category Two waters, will adequately protect water quality of Category One waters from any measurable change.

5 Other General Conditions:

A. Use of Sufficiently Sensitive Test Methods for Reporting:

Analytical data is required in order to prepare a RFA to apply for a discharge under this permit. Analytical data shall comply with applicable regulations related to testing procedures. When more than one test procedure is approved under this part for the analysis of a pollutant or pollutant parameter, the test procedure must be sufficiently sensitive as defined at 40 CFR 136, 122.21(e)(3), and 122.44(i)(1)(iv).

An EPA-approved method is sufficiently sensitive where:

- A. The method minimum level is at or below the level of the applicable water quality criterion or permit limitation for the measured pollutant or pollutant parameter; or

- B. The method minimum level is above the applicable water quality criterion, but the amount of the pollutant or pollutant parameter in a facility's discharge is high enough that the method detects and quantifies the level of the pollutant or pollutant parameter in the discharge; or
- C. The method has the lowest minimum level of the EPA-approved analytical methods.

When there is no analytical method that has been approved under 40 CFR part 136, required under 40 CFR chapter I, subchapter N or O, and is not otherwise required by the Department, the permittee may use any suitable method upon approval by the Department.

For questions regarding the applicability of the rule and whether or not the facility is complying with the target level of sensitivity, contact Steve Seeberger of the Bureau of Surface Water Permitting at (609) 292-4860 or via email at Stephen.Seeberger@dep.nj.gov.

For questions regarding laboratory methodologies, certifications, or specifics relating to quantitation limits associated with individual test methods, contact Ryan Larum of the Office of Quality Assurance at (609) 292-3950 or via email at Ryan.Larum@dep.nj.gov.

B. Reporting Requirements:

All required data shall be monitored and submitted to the Department with each Request for Authorization.

C. General Conditions:

In accordance with N.J.A.C. 7:14A-2.3 and 6.1(b), specific rules from the New Jersey Administrative Code have been incorporated either expressly or by reference in Part I.

6 Receiving Waterbody Classifications and Designated Uses:

As per the SWQS at N.J.A.C. 7:9B, the designated uses for the, Freshwater 2 (FW2), Saline Estuary 1 (SE1), Saline Estuary 2 (SE2), Saline Estuary 3 (SE3), and Saline Coastal (SC) receiving waters are:

FW2:

1. Maintenance, migration and propagation of the natural and established biota;
2. Primary and secondary contact recreation;
3. Industrial and agricultural water supply;
4. Public potable water supply after conventional filtration treatment (a series of processes including filtration, flocculation, coagulation, and sedimentation, resulting in substantial particulate removal but no consistent removal of chemical constituents) and disinfection; and
5. Any other reasonable uses.

SE1:

1. Shellfish harvesting in accordance with N.J.A.C. 7:12;
2. Maintenance, migration and propagation of the natural and established biota;
3. Primary and secondary contact recreation; and
4. Any other reasonable uses.

SE2:

1. Maintenance, migration and propagation of the natural and established biota;
2. Migration of diadromous fish;
3. Maintenance of wildlife;
4. Secondary contact recreation; and
5. Any other reasonable uses.

SE3:

1. Secondary contact recreation;
2. Maintenance and migration of fish populations;
3. Migration of diadromous fish;
4. Maintenance of wildlife; and
5. Any other reasonable uses.

SC:

1. Shellfish harvesting in accordance with N.J.A.C. 7:12;
2. Primary and secondary contact recreation;
3. Maintenance, migration and propagation of the natural and established biota; and
4. Any other reasonable uses.

The designated uses for the mainstem Delaware River and Delaware Bay are those contained in "Delaware River Basin Commission, Water Quality Regulations, Administrative Manual - Part III," Article 3, dated October 23, 1996, including all amendments and future supplements thereto and are described below:

Zone 1C:

Zone 1C is that part of the Delaware River extending from the U.S. Routes 6 and 209 bridge at Port Jervis, New York, R.M. 254.75, to Tocks Island Dam, 217.0 (proposed axis of dam).

The quality of Zone 1C waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. public water supplies after reasonable treatment,
b. industrial water supplies after reasonable treatment,
c. agricultural water supplies;
2. a. maintenance and propagation of resident game fish and other aquatic life,
b. spawning and nursery habitat for anadromous fish,
c. passage of anadromous fish,
d. wildlife;
3. recreation.

Zone 1D:

Zone 1D is that part of the Delaware River extending from Tocks Island Dam, R.M. 217.0 (proposed axis of dam), to the mouth of the Lehigh River at Easton, Pennsylvania, R.M. 183.66.

The quality of Zone 1D waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. public water supplies after reasonable treatment,
b. industrial water supplies after reasonable treatment,
c. agricultural water supplies;
2. a. maintenance and propagation of resident game fish and other aquatic life,
b. spawning and nursery habitat for anadromous fish,
c. passage of anadromous fish,
d. wildlife;
3. recreation.

Zone 1E:

Zone 1E is that part of the Delaware River extending from the mouth of the Lehigh River at Easton, Pennsylvania, R.M. 183.66, to the head of tidewater at Trenton, New Jersey, R.M. 133.4 (Trenton-Morrisville Toll Bridge).

The quality of Zone 1E waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. public water supplies after reasonable treatment,
b. industrial water supplies after reasonable treatment,
c. agricultural water supplies;
2. a. maintenance and propagation of resident game fish and other aquatic life,
b. spawning and nursery habitat for anadromous fish,
c. passage of anadromous fish,
d. wildlife;
3. recreation.

Zone N2:

Zone N2 is: 1. Clove Brook extending from its source in Steny Kill Lake in New Jersey to its mouth in New York at R.M. 0.5 on the Neversink River; an unnamed tributary of Clove Brook extending from its source in New York to its mouth in New Jersey at R.M. 1.0 on Clove Brook; an unnamed tributary to the above unnamed tributary of Clove Brook extending from its source in New York to its mouth in New Jersey at R.M. 0.7 on the unnamed tributary of Clove Brook.

The quality of Zone N2 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. public water supplies after reasonable treatment,
b. industrial water supplies after reasonable treatment,
c. agricultural water supplies;
2. a. maintenance and propagation of resident game fish and other aquatic life,
b. maintenance and propagation of trout,
c. wildlife;
3. recreation.

Zone 2:

Zone 2 is that part of the Delaware River extending from the head of tidewater at Trenton, New Jersey, R.M. (River Mile) 133.4 (Trenton-Morrisville Toll Bridge) to R.M. 108.4 below the mouth of Pennypack Creek, including the tidal portion of the tributaries thereof.

The quality of Zone 2 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. public water supplies after reasonable treatment,
b. industrial water supplies after reasonable treatment,
c. agricultural water supplies;
2. a. maintenance and propagation of resident fish and other aquatic life,
b. passage of anadromous fish,
c. wildlife;
3. recreation;
4. navigation.

Zone 3:

Zone 3 is that part of the Delaware River extending from R.M. 108.4 to R.M. 95.0 below the mouth of Big Timber Creek, including the tidal portions of the tributaries thereof.

The quality of Zone 3 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. public water supplies after reasonable treatment,
b. industrial water supplies after reasonable treatment,
c. agricultural water supplies;

2. a. maintenance of resident fish and other aquatic life,
b. passage of anadromous fish,
c. wildlife;
3. recreation - secondary contact;
4. navigation.

Zone 4:

Zone 4 is that part of the Delaware River extending from R.M. 95.0 to R.M. 78.8, the Pennsylvania-Delaware boundary line, including the tidal portions of the tributaries thereof.

The quality of Zone 4 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. industrial water supplies after reasonable treatment;
2. a. maintenance of resident fish and other aquatic life, 64
b. passage of anadromous fish,
c. wildlife;
3. a. recreation - secondary contact above R.M. 81.8,
b. recreation below R.M. 81.8;
4. navigation.

Zone 5.

Zone 5 is that part of the Delaware River extending from R.M. 78.8 to R.M. 48.2, Liston Point, including the tidal portions of the tributaries thereof.

The quality of waters in Zone 5 shall be maintained in a safe and satisfactory condition for the following uses:

1. industrial water supplies after reasonable treatment;
2. a. maintenance of resident fish and other aquatic life,
b. propagation of resident fish from R.M. 70.0 to R.M. 48.2,
c. passage of anadromous fish,
d. wildlife;
3. recreation;
4. navigation.

Zone 6.

Zone 6 is Delaware Bay extending from R.M. 48.2 to R.M. 0.0, the Atlantic Ocean, including the tidal portions of the tributaries thereof.

The quality of Zone 6 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. industrial water supplies after reasonable treatment,
2. a. maintenance and propagation of resident fish and other aquatic life,
b. maintenance and propagation of shellfish,
c. passage of anadromous fish,
d. wildlife;
3. recreation;
4. navigation.

7 Description of Procedures for Reaching a Final Decision on the Draft Action:

Please refer to the procedures described in the public notice published in the *DEP Bulletin*. In addition to the *DEP Bulletin*, the public notice for this permit action is published in the following major Northern, Central and Southern New Jersey's newspapers:

Newspaper	County
<i>The Press of Atlantic City</i>	Atlantic, Cape May, Ocean and Cumberland
<i>Star Ledger</i>	Bergen, Essex, Hudson, Hunterdon, Middlesex, Morris, Passaic, Somerset, Sussex, Union and Warren
<i>The Times</i>	Mercer
<i>South Jersey Times</i>	Camden, Cumberland, Gloucester and Salem

8 Contact Information

If you have any questions regarding this permit action, please contact Dave Thomas of the Bureau of Surface Water Permitting either by phone at (609) 292-4860 or via email at deminimisgp@dep.nj.gov.

The following items are used to establish the basis of the Draft Permit:

Rules and Regulations:

1. 33 U.S.C. 1251 et seq., Federal Water Pollution Control Act. [B]
2. 40 CFR Part 131, Federal Water Quality Standards. [B]
3. 40 CFR Part 122, National Pollutant Discharge Elimination System. [B]
4. N.J.S.A. 58:10A-1 et seq., New Jersey Water Pollution Control Act. [A]
5. N.J.A.C. 7:14A-1 et seq., NJPDES Regulations. [A]
6. N.J.A.C. 7:9B-1 et seq., New Jersey SWQS. [A]
7. DRBC Administrative Manual – Part III Water Quality Regulations.
8. N.J.A.C. 7:15, Statewide Water Quality Management Planning Rules. [A]
9. N.J.A.C. 7:14C, Sludge Quality Assurance Regulations. [A]
10. N.J.A.C. 7:19, Water Supply Allocation Permits Rules. [A]

Guidance Documents / Reports:

1. "Field Sampling Procedures Manual", published by the Department. [A]

Permits:

1. Existing NJPDES/DSW Permit NJ0134511, issued May 20, 2015 and effective June 1, 2015. [A]
2. USEPA Final NPDES Construction General permit (<https://www.epa.gov/npdes/epas-2017-construction-general-permit-cgp-and-related-documents>), 2017

Footnotes:

- [A] Denotes items that may be found on the Department's website located at <http://www.state.nj.us/dep/>.
- [B] Denotes items that may be found on the US EPA website at <http://www.epa.gov/>.

PART I

NARRATIVE REQUIREMENTS

Short Term De Minimis (GP)

A. GENERAL REQUIREMENTS FOR AUTHORIZATION UNDER THE NJPDES DISCHARGE TO SURFACE WATER GENERAL PERMIT FOR SHORT-TERM DE MINIMIS DISCHARGES (NJ0134511)

1. PURPOSE AND SCOPE

- a. This General Permit for Short-term De Minimis Discharges authorizes the short term discharge of water for the purpose of lowering the groundwater table during construction related activities, as well as authorizing several common discharge requests. This authorization is conditional on compliance with all of the conditions specified in this permit, including the applicable limitations in Attachment 1
- b. This permit is intended for short-term discharges containing de minimis amounts of pollutants. A de minimis discharge for the purposes of this general permit is defined as a discharge containing a relatively insignificant amount of pollutants that complies with all of the conditions specified in this permit, including the limitations specified in Attachment 1. Although this General Permit was originally designed for construction dewatering related activities, the Department has included, as deemed appropriate, other short term, de minimis discharges into this renewal permit action.
- 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.
- 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. The Certification form is available on the Department's website at https://www.nj.gov/dep/dwq/forms_surfacewater.htm.

2. Eligibility

- a. The following discharges to surface water may be ELIGIBLE for authorization under this permit:
 - i. Discharges from the following construction activities: construction work related to residential or commercial building; repair, replacement or maintenance of pipelines, utility lines or cable lines; and excavation for foundation work.
 - ii. Discharges resulting from the following activities that may qualify include, but are not limited to: aquifer storage and recovery (ASR) discharges, geothermal discharges, well pump tests or similar types of short term infrequent discharges resulting from the potable water process.

- iii. Discharges resulting from the installation of NEW underground or subsurface storage tanks may qualify for coverage provided the groundwater has not been contaminated by leakage from any existing underground storage tanks or any other source of contamination. If the associated groundwater is contaminated or suspected to contain contamination from petroleum products clean-up sites, remediation activities, or sediment laden waters please review the General Remediation Clean-up (BGR) Permit or the General Petroleum Product Clean-up (B4B) Permit (see www.nj.gov/dep/dwq/gp_surfacewater.htm) to determine if either are applicable to your discharge.
 - iv. Incidental discharges to groundwater 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.
 - v. Discharges associated with other miscellaneous short term de minimis discharges, including discharges to Category 1 waterways. Although this General Permit was originally designed for construction dewatering related activities, the Department included, as deemed appropriate, other short term, de minimis discharges into the renewal permit action.
- b. The following discharges are INELIGIBLE for authorization under this permit:
- i. 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);.
 - ii. All discharges of industrial process wastewater including contact and non-contact cooling water;.
 - iii. Sanitary sewer flushing;.
 - iv. Discharges from domestic, publicly or privately owned, and industrial treatment works;.
 - v. Combined sewer overflows;.
 - vi. Sanitary sewer overflows;.
 - vii. Discharges in any way associated with site remediation activities (including an existing B4B or BGR permit), in addition to any groundwater from any site adjacent to a site either needing water or soil remediation or any contaminated site needing remediation;.
 - viii. All petroleum product clean-up activities;.
 - ix. Contaminated water from monitoring well construction and development or capping;.
 - x. Discharges from water treatment system bench scale and pilot testing;.
 - xi. Discharges from wastewater treatment system bench scale and pilot testing;.
 - xii. Discharges resulting from filter backwash operations;.
 - xiii. Draining of filter backwash from municipal, commercial, or other non-residential swimming pools;.
 - xiv. Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels;.
 - xv. Contaminated water resulting from construction dewatering activities;.

- xvi. Discharges resulting from water main breaks and water distribution system infrastructure failures;.
 - xvii. Emergency discharges of contaminated water;.
 - xviii. Tank or vessel bottom water accumulated at the bottom of the tank/vessel during its operations, and discharges incidental to the normal operation of vessels;.
 - xix. Discharges from the disinfection of newly constructed or repaired potable water mains, and fire hydrant flushing;.
 - xx. Discharges resulting from Hydrostatic testing; and.
 - xxi. Discharges from mining operations.
- c. Discharges to the following waterbodies are ELIGIBLE for authorization under this permit:
- i. Discharges eligible for authorization under this permit may be discharged to FW2 (C1 and C2), SE1, SE2, SE3 and SC waters of the State directly and/or via storm sewers.
 - ii. 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.
 - iii. For additional information pertaining to FW1, Category 1 (C1), FW2, or Shellfish waters, the permittee should contact the Department's Bureau of Environmental Analysis, Restoration and Standards at (609) 633-1441.
- d. Discharges to the following waterbodies are INELIGIBLE for authorization under this permit:
- i. This general permit EXCLUDES discharges into Freshwater 1 (FW1) 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.
 - ii. This general permit EXCLUDES discharges into certain Shellfish waters to be determined by the Department on a case-by-case basis. 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 at (609) 748-2000 at P.O. Box 405, Stoney Hill Road, Leeds Point, New Jersey 08220 or from any shellfish agency, shellfisheries office or the marine police.
 - iii. Discharges to waters designated as Pinelands (PL) waters require approval from the Pinelands Commission prior to the Department's consideration of the request to discharge under this general permit. PL waters include all waters within the Pinelands area.

B. CONDITIONS FOR AUTHORIZATION UNDER THIS NJPDES GENERAL PERMIT

1. Narrative Discharge Requirements

- a. 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.
- b. The permittee's discharge shall not produce objectionable color or odor in the receiving stream.
 - c. The discharge shall not exhibit a visible sheen, nor contain any scum or other residual matter.
 - d. Incidental discharges to groundwater of the State that 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.
 - e. When more than one test procedure is approved for the analysis of a pollutant or pollutant parameter, the test procedure must be sufficiently sensitive as defined at 40 CFR 136, 40 CFR 122.21(e)(3), and 40 CFR 122.44(i)(1)(iv).

2. Discharge Requirements Relating to Erosion

- a. The discharger shall minimize the amount of suspended solids or turbidity in the discharge. 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 (e.g., filter fabric, hay bales, absorbent socks, silt fences, stone covered areas, frac tanks and holding tanks).
- b. 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.
- c. 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.
- d. 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.

3. Other Regulatory Requirements

- a. Representatives of the Department shall have the right to enter and inspect any area associated with a discharge authorized under this permit.
- b. 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.
- c. 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.

- d. Projects covered under this general permit may also require a permit to authorize stormwater runoff from certain construction activities under the Department's Construction Activity Stormwater General Permit (NJPDES Permit No. NJ0088323, Category 5G3). This general permit authorizes stormwater discharges from certain construction activities, including clearing, grading, and excavation. Generally this includes construction activities that disturb one acre or more of land, or disturb less than one acre but are part of a larger plan of development or sale. Information is available at www.state.nj.us/dep/dwq/5g3.htm.
- e. Projects expected to exceed 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 and Well Permitting. The applicant may contact the Bureau of Water Allocation and Well Permitting at (609) 984-6831 or www.nj.gov/dep/watersupply/a_allocat.html for additional information.

4. 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.
- 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

- 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

C. ADMINISTRATIVE REQUIREMENTS UNDER THIS NJPDES GENERAL PERMIT

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. 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.
- c. 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 and in C.2. below. 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.); and
 - ix. A description of the BMPs to be used, and any temporary treatment units used.
- d. 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).
- e. 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.
- f. 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."
- g. If applying for scheduled multiple short-term discharges, the Certification form shall 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.
- h. Questions regarding the discharge 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 so that a permit determination can be made.

2. RECORDKEEPING

- a. 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 44-03
401 East State Street
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
2 Riverside Drive, Suite 201
Camden, New Jersey 08102
- b. 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.
- c. 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.
- d. The Department must be notified within 24-hours via e-mail (deminimisgp@dep.nj.gov) and the DEP HOTLINE (1-877-WARNDEP) regarding (1) the date when the discharge physically begins and (2) the date when the discharge has ceased.

D. 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.
 - c. For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official. For the purpose 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 where a person is a duly authorized representative only if:
 - i. The authorization is made in writing by a person described in 1(a) through (c), above;
 - ii. 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,
 - iii. 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.**

E. Custom Requirement

1. Standard Reporting Requirements - Electronic Submission of NJPDES Information

- a. Effective December 21, 2020, the below identified documents and reports, if required to be submitted by this permit, shall be electronically submitted to the NJDEP via the Department's designated Electronic Submission Service.
 - i. General permit authorization requests (i.e. NJPDES applications).
 - ii. General permit termination/revocation requests.

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0134511
DSW190001 Surface Water Master General Permit Renewal

Attachment 1

The parameters listed below are in accordance with the effluent standards for new sources, new discharges or expanded discharges at N.J.A.C. 7:14A-12, Appendix C¹, please compare your single sample results with the daily maximum noted below. The applicant shall ensure that the discharge shall be sampled and analyzed using sufficiently sensitive detection levels and methods (as defined at 40 CFR 136, 122.21(e)(3), and 122.44(i)(1)(iv), for all of the following parameters. All units are in micrograms per liter (µg/L). **Please note flow restrictions applicable to all discharges as listed below this chart.**

Acid Compounds	B7 Effluent Standards				
	Category 2 Waters				Category 1 Waters ²
	FW2 Waters		SE & SC Waters		Discharge Thresholds
Parameter	Monthly Average	Daily Maximum	Monthly Average	Daily 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, Single Compound	15	26	15	26	10
2,4,6 Trichlorophenol	NL	20	NL	20	20
Pesticides	B7 Effluent Standards				
	Category 2 Waters				Category 1 Waters ²
	FW2 Waters		SE & SC Waters		Discharge Thresholds
Parameter	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Aldrin	NL	0.04	NL	0.04	0.04
Alpha-BHC	NL	0.02	NL	0.02	0.02
Beta-BHC	NL	0.28	0.46	0.92	0.04
Gamma-BHC (Lindane)	NL	0.037	NL	0.125	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	0.092	NL	0.02	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	B7 Effluent Standards				
	Category 2 Waters				Category 1 Waters ²
Parameter	FW2 Waters		SE & SC Waters		Discharge Thresholds
	Monthly Average	Daily Maximum	Monthly Average	Daily 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
Chloroethane	104	268	104	268	1
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	NL	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
Vinyl Chloride	NL	10	104	268	10

Metals, Cyanide and Dioxin	B7 Effluent Standards				
	Category 2 Waters				Category 1 Waters ²
Parameter	FW2 Waters		SE & SC Waters		Discharge Thresholds
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Antimony	NL	28	NL	NL	20
Arsenic	NL	8	NL	8	8
Cadmium	NL	4	NL	15.2	4
Chromium	NL	16	41	82	10
Copper	NL	10	NL	10	10
Iron	1500	3000	1500	3000	100
Lead	NL	10	NL	13.9	10
Mercury	NL	1	NL	1	1
Nickel	72	144	NL	13.6	10
Selenium	NL	10	NL	NL	10
Silver	NL	2	NL	2	2
Thallium	NL	10	NL	12.4	10
Zinc	NL	65	47.5	95	30
Cyanide	NL	40	NL	40	40
2,3,7,8 Tetrachlorodibenzo-p-Dioxin	NL	0.01	NL	0.01	ND

Base/Neutral Compounds	B7 Effluent Standards				
	Category 2 Waters				Category 1 Waters ²
Parameter	FW2 Waters		SE & SC Waters		Discharge Thresholds
	Monthly Average	Daily Maximum	Monthly Average	Daily 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

Base/Neutral Compounds	B7 Effluent Standards				
	Category 2 Waters				Category 1 Waters ²
Parameter	FW2 Waters		SE & SC Waters		Discharge Thresholds
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
2,4 Dinitrotoluene	NL	10	NL	18.2	10
2,6 Dinitrotoluene	255	641	255	641	9.5
1,2-Diphenylhydrazine (as Azobenzene)	0.04	0.08	0.54	1.08	ND
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
Acute Whole Effluent Toxicity	NL	NL	NL	NL	NOAEC³

Footnotes and Abbreviations:

NOAEC – No Observed Adverse Effect Concentration

ND – Non–Detect

NL – Not Limited

- (1) Footnotes 1-3 at N.J.A.C. 7:14A-12 Appendix C do not apply to these discharges because no manufacturers will be approved to discharge under this permit.

Please note, although Appendix C contains a limitation for Chronic WET of IC25 \geq 100%, this limitation is not being incorporated into this permit. Due to the short-term nature of the discharges and the lack of detectable pollutants in order to qualify for the permit, the Department has determined that a chronic WET limitation is not necessary for these types of discharges.

- (2) For any discharge into Category One waters, no parameter in the effluent shall exceed the standard for Category One waters (the listed Discharge Thresholds), at any time.
- (3) Whole effluent toxicity is expressed as a minimum as percent effluent.

Flow Restrictions:

For discharges to Category One waters the applicant must provide the 7Q10 value for the receiving stream, and the discharge flow will be restricted to a discharge no higher than the 7Q10 value of the receiving stream. See application form for additional instruction. If the 7Q10 value is less than or equal to 0.1 cubic feet per second (cfs), or 64,627 GPD, the maximum allowable flow will be 0.1 cfs.

In no case (Category One or Category Two receiving waters) shall the effluent discharge flow exceed 1 million gallon per day (MGD) under this permit authorization.