



Delaware River Basin Commission
DELAWARE • NEW JERSEY
PENNSYLVANIA • NEW YORK
UNITED STATES OF AMERICA

INSTRUCTIONS FOR APPLICATION FOR THE DISCHARGE OF POLLUTANTS INTO SURFACE WATERS OR GROUNDWATERS OF THE DELAWARE RIVER BASIN

Who Must Apply?

An application must be submitted by anyone proposing:

- A discharge of pollutants into surface and/or groundwater.
- A new or existing wastewater treatment facility equal to or exceeding a design capacity of 50,000 gallons per day (gpd) (Basin-wide requirement).
- A new or existing wastewater treatment facility equal to or exceeding a design capacity of 10,000 gallons per day (gpd) in DRBC designated Special Protection Waters (SPW).
- An existing wastewater facility without DRBC approval whose design capacity is above the basin wide or SPW review threshold (whichever is applicable).
- An existing wastewater facility with DRBC approval that requires a docket update/modification to reflect current facility operations and/or Commission requirements.
- Alterations or additions to an existing wastewater treatment facility whose design capacity is above the basin-wide or SPW review threshold (whichever is applicable).
- An expansion of an existing wastewater treatment facilities' design capacity above the basin-wide or SPW review threshold (whichever is applicable).
- Renewal of a DRBC approval.
- A service area change to any reviewable wastewater facility.
- An exportation of wastewater with a design capacity greater than or equal to a daily average rate of 100,000 gpd.
- An importation of wastewater with a design capacity greater than or equal to a daily average rate of 50,000 gpd.

The Delaware River Basin Commission (DRBC or Commission) has an Administrative Agreement (AA) with each of the following signatory parties: the Commonwealth of Pennsylvania and the States of Delaware, New Jersey and New York. The AA with each signatory party describes the classification of projects the Commission will review and can be found on the Commission's website at <https://www.nj.gov/drbc/about/regulations/administrative-agreements.html>. Each of the signatory parties has unique filing requirements which must be met in addition to requirements of the DRBC.

At a Minimum, Submittals Shall Include One Copy of each of the Following:

1. DRBC Application: The attached application should be completed.
2. Project Narrative describing the existing/proposed project.
3. A copy of the most recent N(J)PDES/SPDES Permit approved by the appropriate commonwealth/state agency.
4. A copy of the most recent N(J)PDES/SPDES Permit application.

5. A copy of the application for a Water Quality Management Permit (PA), Treatment Works Approval (NJ), Plan Approval (NY), Wastewater Facility Construction Permits (DE), etc., as required by the appropriate commonwealth/state agency (only required for projects involving construction). This should include plans and specifications and the engineering report.
6. A copy of the final Water Quality Management Permit (PA), Treatment Works Approval (NJ), Plan Approval (NY), Wastewater Facility Construction Permits (DE), etc., as issued by the appropriate commonwealth/state agency (if available - only required for projects involving construction).
7. A list of any materials submitted that may be considered confidential.

How to file application?

1. Complete this application form.
2. Assemble the completed application form and attachments in one or more electronic files.
3. Go to applications.drbc.net and select "Create Account" to create a new account. Once you have established an account, return to applications.drbc.net and "Sign in" to your account.
4. After you have signed in, upload the completed application and accompanying materials. You may add or remove files from your account as necessary. DRBC staff will be automatically notified that your materials have been submitted.
5. Payment of the Application Fee is required by a check payable to "Delaware River Basin Commission". Please follow the payment instructions on the [Application Fee Form](#). The completed fee form and payment should be mailed together to:

Delaware River Basin Commission

PO Box 7360
25 Cosey Road
West Trenton, NJ 08628-0360

Alternatively, this completed withdrawal application, the Application Fee Form, and Fee may be printed and mailed to the above address.

Commonwealth/State Regulatory Agencies:

Please contact the appropriate commonwealth/state agency to inquire as to what permits are necessary for the wastewater facility.

DELAWARE:

(302) 739-9945
Delaware Department of Natural Resources
And Environmental Control
89 Kings Highway
Dover, Delaware 19901

NEW JERSEY: New Jersey Department of Environmental Protection Offices serving the Delaware River Basin are as follows:

Division of Water Resources
Bureau of Point Source Permitting
(609) 633-3869
PO Box 29
Trenton, NJ 08625-0029

Division of Water Resources
Bureau of Treatment Works Approval
(609) 984-4429
P.O. Box 425
Trenton, NJ 08625-0425

NEW YORK: New York State Department of Environmental Conservation Regional Offices serving the Delaware River Basin are as follows:

Region 3 (Orange, Sullivan, Ulster counties):
(914) 256-3054
21 South Putt Corners Road
New Paltz, New York 12561

Region 7 (Broome, Chenango counties):
(315) 426-7400
615 Area Boulevard West
Syracuse, New York 13204-2400

Region 4 (Delaware, Scholarie counties):
(518) 357-2069
Route 10
Stamford, New York 12167

PENNSYLVANIA: Pennsylvania Department of Environmental Protection Regional Offices serving the Delaware River Basin are as follows;

Southeast Regional Office: (Bucks, Chester, Delaware, Montgomery, Philadelphia counties): (484) 250-5900
2 East Main Street
Norristown, Pennsylvania 19401

Southcentral Regional Office: (Berks, Lancaster, Lebanon counties):
(717) 705-4707
909 Elmerton Avenue
Harrisburg, Pennsylvania 17110-8200

Pottsville Mining District
(570) 621-3118
5 West Laurel Boulevard
Pottsville, PA 17901

Northeast Regional Office: (Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Wayne counties):
(717) 826-2525
2 Public Square
Wilkes-Barre, Pennsylvania 18711-0790

Glossary for DRBC Application:

Docket: a legal document granting approval by the Commission, including conditions for a project having a substantial effect on the water resources of the Basin.

Drainage Area to SPW: is any watershed tributary to OBW and/or SRW.

Existing Wastewater Facility: a facility intercepting, transporting, treating, or discharging pollutants within the Basin with or without Commission approval.

Expanding Wastewater Treatment Project: is a project involving either (a) alterations or additions to an existing wastewater treatment facility that result in a reviewable project in accordance with the Commission's *Rules of Practice and Procedure*; or (b) a new load or increased flow or loading from an existing facility that was not included in a NPDES permit or docket effective on the date of SPW designation. *WQR* § 3.10.3 A.2.a.15).

Flood Plain: the area adjoining the channel of a stream which has been or hereafter may be covered by flood water.

gpd: gallons per day

mgd: million gallons per day

Natural Wastewater Treatment Systems: are soil-based, vegetative and/or aquatic wastewater treatment systems characterized by the use of low energy treatment processes that use and simulate "natural" environmental processes such as primary and secondary productivity, crop production, wetlands, ponds and others. *WQR* § 3.10.3 A.2.a.10).

New Wastewater Facility: a proposed facility designed to discharge pollutants to ground or surface waters of the Basin or to intercept, transport, or treat pollutants within the Basin.

Non-SPW: includes the Delaware River and all tributaries between River Mile 0.0 (confluence of the Delaware Bay and the Atlantic Ocean) and River Mile 134.34 (Calhoun Street Bridge, Trenton, New Jersey).

Outstanding Basin Waters (OBW): are interstate and contiguous intrastate waters that are contained within the established boundaries of national parks; national wild, scenic and recreational rivers systems; and/or national wildlife refuges that are classified by the Commission under Section 3.10.3.A.2.g.1. of the *WQR* as having exceptionally high scenic, recreational, and ecological values that require special protection.

Pollutant: a substance which degrades natural water quality; including, but not limited to: dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into groundwater or surface water.

Re-rate: modifying a facility approval based upon a revised discharge flow that more accurately describes a facility's operating condition. A re-rate may not require construction or modifications to the physical treatment works.

Service Area: the communities, townships, counties, and/or site-specific facilities that are/will be serviced by the facility seeking Commission approval.

Significant Resource Waters (SRW): are interstate waters classified by the Commission under Section 3.10.3.A.2.g.2. of the Commission's *Administrative Manual – Part III Water Quality Regulations (WQR)* as having exceptionally high scenic, recreational, ecological, and/or water supply uses that require special protection.

Special Protection Waters (SPW): Special Protection Waters (SPW) are designed by the Commission in accordance with Section of 3.10.3.A.2. of the WQRs. SPW designation includes the Delaware River and all its tributaries and corresponding drainage area above River Mile 134.34 (Calhoun Street Bridge, Trenton, New Jersey). SPW have three classifications for the purpose of designation: Outstanding Basin Waters (OBW); Significant Resource Waters (SRW); and the tributaries and drainage area to OBW and SRW.

Substantial Alterations or Additions: those additions and alterations resulting in: (a) a complete upgrade or modernization of an existing wastewater treatment plant, including substantial replacement or rehabilitation of the existing wastewater treatment process or major physical structures such as headworks, settling tanks, and biological/chemical treatment and filtration tanks, whether conducted as a single phase or a multi-phased project or related projects; or (b) a new load or increased flow or loading from an existing facility that was not included in a NPDES permit or docket effective on the date of SPW designation. *WQR* § 3.10.3 A.2.a.16).

TDS: Total Dissolved Solids

TDS Determination: the conclusion(s) established by the Commission, with regards to granting an Applicant a variance to the basin-wide effluent limit of 1,000 mg/l.

TDS Questionnaire: DRBC form to be filed as part of a complete Application to the Commission when an Applicant is seeking an effluent limit less stringent than the basin-wide effluent limit of 1,000 mg/l.

Wastewater Facility: a facility designed to discharge pollutants to ground or surface waters of the Basin or to intercept, transport, or treat pollutants within the Basin.

Wetlands: those areas which are inundated by surface or ground water with a frequency sufficient to support a prevalence of vegetative or aquatic life that requires saturated soil conditions for growth and reproduction or are delineated as wetlands by a signatory state.



APPLICATION FOR THE DISCHARGE OF POLLUTANTS INTO SURFACE WATERS OR GROUNDWATERS OF THE DELAWARE RIVER BASIN

Pursuant to the Delaware River Basin *Compact* and the *Rules of Practice and Procedure* of the DRBC, application is hereby made for review of the project described below:

Applicant Name: _____

Existing Docket Number (if applicable): _____

Type of Application:

- Re-rate of Existing Wastewater Facility
- Renewal of Existing Wastewater Facility

Modification of Existing Wastewater Facility:

- Expansion/Modification of Existing Discharge Facility
- Service Area Modification
- Outfall Modification
- TDS Determination
- Other

New Discharge:

- Non-SPW
- Outstanding Basin Waters (OBW)
- Significant Resource Waters (SRW)
- Drainage Area to SPW

APPLICATION CHECKLIST

ENCLOSED **N/A**

| | | |
|--|--------------------------|--------------------------|
| 1. Wastewater Facility Application | <input type="checkbox"/> | |
| • Location Map (Question 6.) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Service Area Map (Question 7.) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Flood Plain Map (Question 8.f.) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Wetland Certification (Question 10.) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Copy of applicable State Applications / Approvals (Question 11.) | <input type="checkbox"/> | <input type="checkbox"/> |
| • SPW Projects (Questions 12. through 17.) | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Project Narrative | <input type="checkbox"/> | |
| 3. "Applicant's Statement – Project Review Fee" form & fee | <input type="checkbox"/> | |
| 4. N(J)PDES/SPDES Permit | <input type="checkbox"/> | |
| 5. N(J)PDES/SPDES Permit application | <input type="checkbox"/> | |
| 6. State Construction Application (WQMP, TWA, Plan Approval, WFCP) | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. TDS Questionnaire | <input type="checkbox"/> | <input type="checkbox"/> |

1. Applicant Information: (please print or type)

Applicant Name: _____

Parent Corporation Name, if different: _____

Contact Name and Title: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Email Address: _____

Representing Attorney Name, if applicable: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Email Address: _____

Facility Address: _____

City: _____ State: _____ Zip: _____

Township: _____ County: _____

2. Consultant Information:

Name of Engineer: _____

Name of Firm: _____

Mailing Address: _____

Phone: _____

Email Address: _____

3. CERTIFICATION AND SIGNATURE OF APPLICANT

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 pursuant to Section 14.17 of the Delaware River Basin Compact, an attempt to violate a rule, regulation, or order of the Commission, including by knowingly or negligently submitting false information, may result in penal sanctions that include fines of up to \$1,000 per day.

Name:

Official Title:

Signature:

Date:

4. a. Type of Wastewater: (check all that apply)

- Municipal Wastewater
- Industrial Wastewater
- Non-Contact Cooling Water (NCCW)
- Contact Cooling Water (CCW)
- Landfill Leachate
- Water Treatment Plant Filter Backwash
- Other: _____

b. Type of Discharge (Check all that apply)

- Surface Water Discharge
- Land Based/Groundwater Discharge:
 - Spray Field
 - Drip Irrigation
 - Septic System
 - Injection Well
 - Other: _____

5. Receiving surface waterbody/watershed name: _____

State surface waterbody use classification (Check all that apply):

| Pennsylvania | New Jersey | New York | Delaware |
|-----------------------------------|------------------------------|-------------------------------|-------------------------------|
| <input type="checkbox"/> EV | <input type="checkbox"/> FW1 | <input type="checkbox"/> A | <input type="checkbox"/> ERES |
| <input type="checkbox"/> Upper HQ | <input type="checkbox"/> FW2 | <input type="checkbox"/> AA | <input type="checkbox"/> CWF |
| <input type="checkbox"/> CWF | <input type="checkbox"/> PL | <input type="checkbox"/> A-S | <input type="checkbox"/> SALW |
| <input type="checkbox"/> WWF | <input type="checkbox"/> TP | <input type="checkbox"/> AA-S | <input type="checkbox"/> FALW |
| <input type="checkbox"/> MF | <input type="checkbox"/> TM | <input type="checkbox"/> B | |
| <input type="checkbox"/> TSF | <input type="checkbox"/> NT | <input type="checkbox"/> C | |
| | <input type="checkbox"/> SE | <input type="checkbox"/> D | |
| | <input type="checkbox"/> SC | <input type="checkbox"/> T | |
| | | <input type="checkbox"/> TS | |

Q₇₋₁₀ statistic: _____ (cfs) _____ (mgd)

Mean Harmonic Flow: _____ (cfs) _____ (mgd)

Nearest USGS Gage: _____ (reference USGS gage used to calculate)

| OUTFALL NO. | LATITUDE (N) | LONGITUDE (W) |
|--------------------|---------------------|----------------------|
| | ° ' " | ° ' " |
| | ° ' " | ° ' " |
| | ° ' " | ° ' " |
| | ° ' " | ° ' " |

6. Attach a map (preferably USGS Quadrangle) which indicates the location of all treatment facilities and discharge locations.

7. Service Area

Enclose a service area map that includes a delineation of the existing service area and any proposed service area.

8. Wastewater disposal information:

a. Describe the method of wastewater treatment and attach a line diagram of the treatment train:

b. Existing Treatment Plant Information:

Treatment Plant:

Name or Owner: _____

N(J)PDES/SPDES Permit No.: _____

Location: _____

City: _____ State: _____ Zip: _____

State-Permitted Hydraulic Design Capacity: _____ mgd

Flow that N(J)PDES/SPDES Permit limits are based on: _____ mgd

Current Operating Flow: _____ mgd (Average monthly flow from the previous 12 months).

c. Proposed Treatment Plant Information:

Treatment Plant:

Name or Owner: _____

N(J)PDES/SPDES Permit No.: _____

Location: _____

City: _____ State: _____ Zip: _____

State-Permitted Hydraulic Design Capacity: _____ mgd

Flow that N(J)PDES/SPDES Permit limits are based on: _____ mgd

Proposed Flow: _____ mgd

d. Importation/Exportation of Wastewater:

i. Does the facility treat imported wastewater? If so, describe the volume treated and the source of imported wastewater.

ii. If the facility accepts wastewater from outside of the Delaware River Basin, please attach documentation to this application which demonstrates that Section 2.30.6 of the Water Code (18CFR PART 410) is satisfied.

iii. If the facility is exporting wastewater, please provide a demonstration that the wastewater is being transported to a permitted wastewater facility that has the capacity to treat the wastewater and a written statement from the permitted wastewater facility of said arrangement. (Attach to the Application.)

e. Emergency Power

i. Does the existing facility have available standby power? Yes No. If yes, describe the current standby power system:

ii. Does the proposed facility have available standby power? Yes No. If yes, describe the proposed standby power system:

f. The applicant must submit a site map showing the locations of the 100-year flood plain and floodway boundaries (as indicated by the Flood Insurance Study for the project municipality) in relation to all structures. If a Flood Insurance Study has not been completed for the project municipality, supply a copy of the Official Flood Hazard Boundary Map of the site and indicate the locations of all structures (For more information see the Commission’s Flood Plain Regulations).

h. How does the treatment facility handle sludge wastes? If they are taken off-site, please provide off-site facility? _____

9. Public Water Supply: (for Treatment Facility’s service area)

Owner/Operator of Public Water Supply: _____

State Public Water Supply Water Allocation Permit No: _____

DRBC Docket/Permit No: _____

Location: _____

City: _____ State: _____ Zip: _____

ADDITIONAL INFORMATION

10. Identify all wetlands that may be impacted by the project on a map. Wetlands are defined in the Commission’s *Water Code* (Section 2.350.1) as those areas which are inundated by surface or ground water with a frequency sufficient to support a prevalence of vegetative or aquatic life that requires saturated soil conditions for growth and reproduction or are delineated as wetlands by a signatory state. It is the policy of the Commission to support the preservation and protection of wetlands in accordance with Section 2.350.2 of the *Water Code*. Each application shall include a signed statement that the project is or is not located within a wetland as defined by applicable state and federal regulations.

Information on determining the presence or absence of wetlands can be obtained from the Army Corps of Engineers Philadelphia District Regulatory Branch:

http://www.nap.usace.army.mil/cenap-op/regulatory/wetlands_guidance.html

11. Prior or pending state or federal permits:

| Type of State Permit(s) Required for Project | Status ¹ | Agency | Permit Issue Date | Permit Number |
|--|---------------------|--------|-------------------|---------------|
| Erosion & Sediment Control | | | | |
| Post Construction Stormwater | | | | |
| Letter of Map Revision | | | | |
| Stream Encroachment | | | | |
| N(J)PDES/SPDES Permit | | | | |
| State Construction Permit | | | | |
| Section 404 Permit | | | | |
| Wetlands Permit | | | | |
| Other | | | | |

¹ If not applicable, list (NA); if approved, (A); if pending, (P); if required but not applied for, (R).

SPECIAL PROTECTION WATERS (SPW) PROJECTS

If project is not located in SPW, please ignore sections 12-17.

In 1992, the DRBC adopted SPW requirements, as part of the DRBC *Water Quality Regulations (WQR)*, designed to protect existing water quality in applicable areas of the Delaware River Basin. One hundred twenty miles of the Delaware River from Hancock, New York downstream to the Delaware Water Gap has been classified by the DRBC as SPW. This stretch includes the sections of the river federally designated as "Wild and Scenic" in 1978 -- the Upper Delaware Scenic and Recreational River and the Delaware Water Gap National Recreation Area -- as well as an eight-mile reach between Milrift and Milford, Pennsylvania which is not federally designated. The SPW regulations apply to this 120-mile stretch of the river and its drainage area.

On July 16, 2008, the DRBC approved amendments to its *WQR* that designated the portion of the Delaware River and its tributaries within the boundary of the Lower Delaware River Management Plan Area as SPW. At that same time, clarity on definitions and terms were updated for the entire SPW program. For detailed information regarding the Commission's SPW program and regulations, please see the *WQR*.

12. Standby Power

- a. Does the existing facility have available standby power? Yes No. If yes, describe the current standby power system:

- b. Does the proposed facility have available standby power? Yes No. If yes, describe the proposed standby power system:

13. Remote Alarm System

- a. Is the existing facility staffed 24 hours per day? Yes No. If no, does the facility have a remote alarm system that continuously monitors plant operations? Yes No. If yes, describe:

- b. Will the proposed facility be staffed 24 hours per day? Yes No. If no, will/does the facility have a remote alarm system that continuously monitors plant operations? Yes No. If yes, describe:

14. If the facility is existing, does the facility have an Emergency Management Plan (EMP) approved by the Commission? _____.

- a. If yes, what year was it approved? _____.
- b. If no, you must include an EMP as part of this Application.

15. Pre-SPW Loads

- a. To which region of SPW does the facility discharge? Upper Middle Lower (check one)
- b. Was the facility in existence & discharging at the time of SPW designation (December 1992 for Upper or Middle and January 2005 for Lower)? Yes No (check one).
- c. If yes, does the facility have pre-SPW Loads confirmed by the Commission for the measurable change (MC) parameters found below: Yes No (check one).

| | | |
|-------------------|---------------------------|--------------------------|
| Dissolved Oxygen | Fecal Coliform | Total Suspended Solids |
| Total Phosphorous | Ammonia-Nitrogen | Nitrite-Nitrate-Nitrogen |
| BOD5 * | Total Kjeldahl Nitrogen * | Total Nitrogen ** |

* Only applicable for Upper/Middle SPW

** Only applicable for Lower SPW

- d. If no, the applicant shall make their best effort to provide the Commission with monthly average effluent data (effluent flow & concentration) from the years prior to designation (1987-1991 for Upper and Middle or 2000-2004 for Lower) for as many of the MC parameters as possible by completing the tables below.

| Month (1987 or 2000) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH3-N (mg/l) | NO3- NO2-N (mg/l) | BOD5 (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|-------------------------|----------------|-----------------------------------|---------------|--------------|-----------------|-------------------------|----------------|---------------|--------------|---------------------------|
| Jan | | | | | | | | | | |
| Feb | | | | | | | | | | |
| March | | | | | | | | | | |
| April | | | | | | | | | | |
| May | | | | | | | | | | |
| June | | | | | | | | | | |
| July | | | | | | | | | | |
| August | | | | | | | | | | |
| Sept | | | | | | | | | | |
| Oct | | | | | | | | | | |
| Nov | | | | | | | | | | |

| Month (1987 or 2000) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH3-N (mg/l) | NO3- NO2-N (mg/l) | BOD5 (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|----------------------------|----------------|-----------------------------------|---------------|--------------|-----------------|-------------------------|----------------|---------------|--------------|---------------------------|
| Dec | | | | | | | | | | |

| Month (1988 or 2001) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH3-N (mg/l) | NO3- NO2-N (mg/l) | BOD5 (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|----------------------------|----------------|-----------------------------------|---------------|--------------|-----------------|-------------------------|----------------|---------------|--------------|---------------------------|
| Jan | | | | | | | | | | |
| Feb | | | | | | | | | | |
| March | | | | | | | | | | |
| April | | | | | | | | | | |
| May | | | | | | | | | | |
| June | | | | | | | | | | |
| July | | | | | | | | | | |
| August | | | | | | | | | | |
| Sept | | | | | | | | | | |
| Oct | | | | | | | | | | |
| Nov | | | | | | | | | | |
| Dec | | | | | | | | | | |

| Month (1989 or 2002) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH3-N (mg/l) | NO3- NO2-N (mg/l) | BOD5 (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|----------------------------|----------------|-----------------------------------|---------------|--------------|-----------------|-------------------------|----------------|---------------|--------------|---------------------------|
| Jan | | | | | | | | | | |
| Feb | | | | | | | | | | |
| March | | | | | | | | | | |
| April | | | | | | | | | | |
| May | | | | | | | | | | |
| June | | | | | | | | | | |
| July | | | | | | | | | | |
| August | | | | | | | | | | |
| Sept | | | | | | | | | | |
| Oct | | | | | | | | | | |
| Nov | | | | | | | | | | |
| Dec | | | | | | | | | | |

| Month (1990 or 2003) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH3-N (mg/l) | NO3- NO2-N (mg/l) | BOD5 (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|----------------------------|----------------|-----------------------------------|---------------|--------------|-----------------|-------------------------|----------------|---------------|--------------|---------------------------|
| Jan | | | | | | | | | | |
| Feb | | | | | | | | | | |
| March | | | | | | | | | | |
| April | | | | | | | | | | |

| Month (1990 or 2003) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH ₃ -N (mg/l) | NO ₃ - NO ₂ -N (mg/l) | BOD ₅ (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|----------------------------|----------------|-----------------------------------|---------------|--------------|------------------------------|---|----------------------------|---------------|--------------|---------------------------|
| May | | | | | | | | | | |
| June | | | | | | | | | | |
| July | | | | | | | | | | |
| August | | | | | | | | | | |
| Sept | | | | | | | | | | |
| Oct | | | | | | | | | | |
| Nov | | | | | | | | | | |
| Dec | | | | | | | | | | |

| Month (1991 or 2004) | D.O. (mg/l) | Fecal Coliform (cfu/100 ml) | TSS (mg/l) | TP (mg/l) | NH ₃ -N (mg/l) | NO ₃ - NO ₂ -N (mg/l) | BOD ₅ (mg/l) | TKN (mg/l) | TN (mg/l) | Effluent Flow (mgd) |
|----------------------------|----------------|-----------------------------------|---------------|--------------|------------------------------|---|----------------------------|---------------|--------------|---------------------------|
| Jan | | | | | | | | | | |
| Feb | | | | | | | | | | |
| March | | | | | | | | | | |
| April | | | | | | | | | | |
| May | | | | | | | | | | |
| June | | | | | | | | | | |
| July | | | | | | | | | | |
| August | | | | | | | | | | |
| Sept | | | | | | | | | | |
| Oct | | | | | | | | | | |
| Nov | | | | | | | | | | |
| Dec | | | | | | | | | | |

16. For a New or “Expanding Wastewater Treatment Project” or for projects proposing “Substantial Alterations or Additions”, the following may apply:

- a. Direct dischargers to OBW or SRW “must evaluate all non-discharge load reduction alternatives for all or a portion of the incremental load”
- b. Direct dischargers to OBW/SRW/tributaries to SPW “must evaluate natural treatment alternatives (NTA) for all or a portion of the incremental load
- c. Direct dischargers to SRW will require “the Commission..... to make a determination that the project is in the public interest”
- d. For direct dischargers to OBW or SRW, “the minimum level of treatment to be provided for the incremental discharge is” the Commission’s “Best Demonstrable Technology (BDT)” requirement
- e. Direct dischargers to OBW/SRW/tributaries to SPW “must demonstrate that the project will

cause no measurable change (NMC) to Existing Water Quality (EWQ).”

The applicant shall attach a report titled “Selected Discharge Alternative” which contains a description of how the proposed project meets each of the above applicable requirements.

17. Non-Point Source Pollution Control Plan (NPSPCP): (All projects with sources or service area within the drainage area of Special Protection Waters.) The applicant shall provide a description of how the proposed project controls the new or increased non-point source loads generated within the portion of the project’s service area which is also located within the drainage area of SPW. In general, a NPSPCP shall consist of an **Erosion and Sediment Control Plan (ESCP)** and a **Post Construction Stormwater Management Plan (PCSMP)**.

- a. A NPSPCP submitted for DRBC approval must include:
 - i. An approved ESCP – usually by the County Soil/Conservation District;
 - ii. A PCSMP signed and sealed by a licensed professional Engineer or Geologist;
 - iii. A letter by the licensed professional stating that the NPSPCP meets the requirements of an approvable NPSPCP as described below; and
 - iv. A written narrative describing the steep slope, riparian buffer, floodplain and redevelopment (if applicable) design criteria being utilized in the site design.
- b. For each of the SPW states, a NPSPCP will be deemed acceptable if a project is designed in accordance with:

In Pennsylvania:

- i. PADEP’s Erosion and Sediment Pollution Control Program Manual (March 2000), **and**
- ii. PADEP’s draft Pennsylvania Model Stormwater Management Ordinance (2006), **and**
- iii. PADEP’s Pennsylvania Stormwater Best Management Practices Manual (December 2006).

In New Jersey: a project is designed in accordance with:

- iv. NJ State Soil Conservation Committee’s Standards for Soil Erosion and Sediment Control in New Jersey (July 1999), **and**
- v. New Jersey Stormwater Best Management Practices Manual – Appendix D - Model Stormwater Control Ordinance for Municipalities (April 2004).

In New York: a project is designed in accordance with:

- vi. New York State Standards and Specifications for Erosion and Sediment Control (August 2005), published by the Empire State Chapter of the Soil and Water Conservation Society, **and**
- vii. a Stormwater Pollution Prevention Plan (SWPPP) which includes the water quality and water quantity controls in accordance with the New York State Stormwater Management Design Manual (August 2003).