pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**Northwest Regional Office**
**CLEAN WATER PROGRAM**

# NPDES PERMIT FACT SHEET
# INDIVIDUAL INDUSTRIAL WASTE (IW) AND IW STORMWATER

| | | | |
|---|---|---|---|
| Application Type | **Renewal** | Application No. | **PA0210625** |
| Facility Type | **Industrial** | APS ID | **958134** |
| Major / Minor | **Minor** | Authorization ID | **1211911** |

## Applicant and Facility Information

| | | | |
|---|---|---|---|
| Applicant Name | **Danzer Lumber North America, Inc.** | Facility Name | **Danzer Lumber North America Bradford Facility** |
| Applicant Address | 1011 Centre Road | Facility Address | 444 High Street |
| | Wilmington, DE 19805 | | Bradford, PA 16701 |
| Applicant Contact | Kami Ervin | Facility Contact | Kami Ervin |
| Applicant Phone | (812) 526-7558 | Facility Phone | (812) 526-7558 |
| Client ID | 35661 | Site ID | 249450 |
| SIC Code | 2421, 2426 | Municipality | Bradford City |
| SIC Description | Manufacturing - Hardwood Dimension And Flooring Mills, Manufacturing - Sawmills And Planing Mills, General | County | McKean County |
| Date Application Received | December 19, 2017 | EPA Waived? | Yes |
| Date Application Accepted | January 2, 2018 | If No, Reason | - |
| Purpose of Application | SECOND DRAFT - Renewal of an existing IW stormwater NPDES Permit for an existing lumber mill. | | |

## Summary of Review

Act 14 - Proof of Notification was submitted and received.

This facility is subject to the ELGs under §429.100 Subpart I - Wet Storage Subcategory

Subcategory §429.100 Subpart I - Wet Storage Subcategory requires that there shall be no debris discharged and the pH shall be within the range of 6.0 to 9.0. The monitoring requirements from the stormwater PAG-03 General Permit were applied. Appendix D for Timber Products from the PAG-03 General Permit was used for this facility.

A Part II Water Quality Management permit is not required at this time.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

**The Permittee name will be changed with this renewal from Bradford Forest, Inc. to Danzer Lumber North America, Inc. No changes to the operation, ownership, or management is proposed with this name change.**

I. OTHER REQUIREMENTS:

- A. Right of Way
- B. Solids Handling
- C. NPDES Permit Supersedes WQM Permits
- D. Modification or Revocation for Changes to BAT or BCT

SPECIAL CONDITIONS:

- II. Toxics Reduction Evaluation (TRE)
- III. Chemical Additives
- IV. Requirements Applicable to Stormwater Outfalls

There are 3 open violations in efacts associated with the subject Client ID (35661) as of 9/13/2019 (see attached).
A CACP is anticipated to resolve these violations.

| Approve | Deny | Signatures | Date |
|---|---|---|---|
| X | | Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist | |
| X | | Justin C. Dickey, P.E. / Environmental Engineer Manager | |

**Details regarding this Second Draft NPDES Permit**

This is the second draft NPDES Permit for the Danzer Lumber North America Bradford Facility due to facility changes and the resulting revised sampling. The first draft NPDES Permit was published in the PA Bulletin on February 2, 2019 with the 30 day comment period ending on March 4, 2019.

A 15 day comment period extension was approved on February 13, 2019 which extended the comment period until March 19, 2019.

A meeting between the Department and the representatives of Danzer Lumber was held on February 5, 2019 to discuss the first draft NPDES Permit. Comments were received on February 14, 2019, March 5, 2019, March 19, 2019, and March 25, 2019.

A site meeting was held on April 9, 2019 followed by a technical deficiency letter dated May 17, 2019. A response from Danzer Lumber was received on July 29, 2019. Based on the response from Danzer Lumber, including the facility changes and revised sampling, the Department determined that a second draft NPDES Permit would be necessary.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 001 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 3.80" | Longitude | -78º 38' 46.78" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfalls 001, 002, 003, 004, 007, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 009, and 010 were not included in the Draft NPDES Permit.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 002 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 3.40" | Longitude | -78º 38' 49.06" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfalls 001, 002, 003, 004, 007, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 009, and 010 were not included in the Draft NPDES Permit.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 003 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 3.33" | Longitude | -78º 38' 50.08" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfalls 001, 002, 003, 004, 007, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 009, and 010 were not included in the Draft NPDES Permit.

## Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

**Outfall 003, Effective Period: Permit Effective Date through Permit Expiration Date**.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Semi-Annual Average | Maximum | Instant. Maximum | | |
| Flow (MGD) | Report SEMI AVG | XXX | XXX | XXX | XXX | XXX | 1/6 months | Estimate |
| pH (S.U.) | XXX | XXX | Report Inst Min | XXX | XXX | Report | 1/6 months | Grab |
| Dissolved Oxygen | XXX | XXX | Report Inst Min | XXX | XXX | XXX | 1/6 months | Grab |
| COD | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| TSS | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Arsenic, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Chromium, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Copper, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Pentachloro-phenol (2) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |

(1) Facilities that use chromium/copper/arsenic formulations must monitor for Total Arsenic, Total Chromium and Total Copper. For all other facilities, monitoring for Total Arsenic, Total Chromium and Total Copper is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

(2) Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

Samples taken at the following location: Outfall 003, prior to mixing with any other wastewaters.

Monitoring for Flow, pH, Dissolved Oxygen, COD, TSS, Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol is based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit.

## Compliance History

**DMR Data for Outfall 003 (from August 1, 2018 to July 31, 2019)**

| Parameter | JUL-19 | JUN-19 | MAY-19 | APR-19 | MAR-19 | FEB-19 | JAN-19 | DEC-18 | NOV-18 | OCT-18 | SEP-18 | AUG-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Flow (MGD)<br>Daily Maximum | | 0.009 | | | | | | 0.004 | | | | |
| pH (S.U.)<br>Daily Maximum | | 6.6 | | | | | | 7.9 | | | | |
| DO (mg/L)<br>Daily Maximum | | 5.8 | | | | | | 6.6 | | | | |
| CBOD5 (mg/L)<br>Daily Maximum | | 2.68 | | | | | | 4.49 | | | | |
| TSS (mg/L)<br>Daily Maximum | | 6.25 | | | | | | < 2.5 | | | | |
| Total Aluminum (mg/L)<br>Daily Maximum | | < 0.10 | | | | | | < 0.10 | | | | |
| Total Iron (mg/L)<br>Daily Maximum | | 0.0481 | | | | | | 0.0363 | | | | |
| Total Manganese (mg/L)<br>Daily Maximum | | < 0.02 | | | | | | < 0.02 | | | | |

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 004 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 16.61" | Longitude | -78º 38' 49.08" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | East Branch of the Tunungwant Creek (CWF) | Stream Code | 57031 |
| NHD Com ID | 112366995 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfalls 001, 002, 003, 004, 007, 008, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 008, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 008, 009, and 010 were not included in the Draft NPDES Permit.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 005 | Design Flow (MGD) | 0.144 |
| Latitude | 41º 56' 2.66" | Longitude | -78º 38' 48.18" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | IW Process Effluent with ELG (used during emergency/malfunction only) | | |
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | 0.07 |
| Drainage Area | 1.74 | Yield (cfs/mi$^2$) | 0.048 |
| $Q_{7-10}$ Flow (cfs) | 0.08 | $Q_{7-10}$ Basis | calculated |
| Elevation (ft) | 1464 | Slope (ft/ft) | 0.03825 |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the Pennsylvania Bulletin in accordance with 25 Pa. Code § 92a.82. Upon publication in the Pennsylvania Bulletin, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the Pennsylvania Bulletin at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Narrative:

Changes were made in June 2019 to Outfall 005 in order to recycle the wet decking water to prevent it from reaching the Rutherford Run. The wet decking water now flows into an in-ground cast-in-place concrete wet well vault that pumps the water into two 25,000 gallon water storage tanks with a rain sensor and a master control system. The storage tanks will collect the wet decking runoff water and store it for recycle back through filters onto the logs when it is needed. When rain is detected by the sensor, the wet decking operation will be turned off, and the storage tanks will continue to be filled for an hour to collect the wet decking runoff, or until the storage tanks are full.

Outfall 005 will only consist of stormwater runoff unless an emergency/malfunction happens with the recycle system, during which extra sampling will be required due to the wet decking runoff water.

Since the wet decking water portion of Outfall 005 is now considered an emergency discharge, biannual monitoring was added for the stormwater portion for Flow, pH, Dissolved Oxygen, COD, TSS, Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol was added based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit.

When the recycle water is low, make up water can be pumped from a water well on site. Outfall 006 was rerouted to the wet well vault at Outfall 005. Outfall 006 was plugged and will be removed with this permit renewal.

Reasonable Potential Analysis:

A Reasonable Potential Analysis was performed in accordance with State practices for Outfall 005 by first using the Toxics Screening Analysis Spreadsheet (see Attachment 3) to determine which parameters should be modeled using the PentoxSD program (see Attachment 4). The following parameters were modeled for Outfall 005:

Fluoride, Total Aluminum, Total Arsenic, Total Cadmium, Total Cobalt, Total Copper, Total Iron, Dissolved Iron, Total Lead, Total Manganese, Total Phenols (Phenolics), Total Thallium, Total Zinc, Acrylamide, 1,1,2-Trichloroethane, 2,4-Dinitrophenol, p-Chloro-m-Cresol, 2,4,6-Trichlorophenol, Bis(2-Ethylhexyl)Phthalate, Hexachlorobutadiene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, Chlordane, 4,4-DDT, 4,4-DDE, 4,4-DDD, Dieldrin, alpha-Endosulfan, beta-Endosulfan, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, and Toxaphene.

| | | |
|---|---|---|
| Median stream pH to be used: | 7.0 | Standard Units (S.U.) |
| Stream hardness to be used: | 17.7 | mg/l |
| | Basis: | PentoxSD defaults (pH) and renewal application sampling for the Rutherford Run (hardness) |
| Median discharge pH to be used: | 6.9 | Standard Units (S.U.) |
| Discharge hardness to be used: | 370 | mg/l |
| | Basis: | Renewal application sampling |

Result: WQBELs were calculated and will be set in the NPDES Permit for Total Aluminum, Total Arsenic, Total Cadmium, Total Cobalt, Total Copper, Total Iron, Dissolved Iron, Total Lead, Total Manganese, Total Thallium, Total Zinc, Acrylamide, 2,4,6-Trichlorophenol, Bis(2-Ethylhexyl)Phthalate, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, Chlordane, 4,4-DDT, 4,4-DDE, 4,4-DDD, Dieldrin, alpha-Endosulfan, beta-Endosulfan, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, and Toxaphene (see Attachment 4). A 3 year monitoring only period was added, along with the TRE Special Condition, to provide the Permittee time to address the new limits.

$NO_2$-$NO_3$, Fluoride, Phenolics, Sulfates, Chlorides, and TDS:

Nearest Downstream potable water supply (PWS): Pennsylvania - New York state border

Distance downstream from the point of discharge: 4.8 miles (approximate)

☒ No limits necessary
☐ Limits needed

Basis: Significant dilution available (see below).

PWS Evaluation:

Stream flow (sf) at the potable water supply intake (state border) = 139 $mi^2$ x 0.048 cfsm = 6.67 cfs
Waste flow (wf) from the facility = 0.144 MGD = 0.222 cfs
Total Flow = 6.89 cfs

Background Concentrations: no data (background concentrations set to zero)

Mass balance for Nitrate-Nitrite at the potable water supply intake:

(sf @ PWS)(bkrd. conc.) + (wf)(x) = (tot. flow)(criteria)

(6.67 cfs)(0) + (0.222 cfs)(x) = (6.89 cfs)(10 mg/l)

x = 310.36 mg/l (renewal application maximum was < 0.05 mg/l - ok)

Mass balance for Fluoride at the potable water supply intake:

(sf @ PWS)(bkrd. conc.) + (wf)(x) = (tot. flow)(criteria)

(6.67 cfs)(0) + (0.222 cfs)(x) = (6.89 cfs)(2 mg/l)

x = 62.07 mg/l (renewal application maximum was 2.7 mg/l - ok)

Mass balance for Phenolics at the potable water supply intake:

(sf @ PWS)(bkrd. conc.) + (wf)(x) = (tot. flow)(criteria)

(6.67 cfs)(0) + (0.222 cfs)(x) = (6.89 cfs)(0.005 mg/l)

x = 0.155 mg/l (renewal application maximum was < 0.1 mg/l - ok)

Mass balance for Sulfate at the potable water supply intake:

(sf @ PWS)(bkrd. conc.) + (wf)(x) = (tot. flow)(criteria)

(6.67 cfs)(0) + (0.222 cfs)(x) = (6.89 cfs)(250 mg/l)

x = 7,759.0 mg/l (renewal application maximum was 4.0 mg/l - ok)

Mass balance for Chlorides at the potable water supply intake:

(sf @ PWS)(bkrd. conc.) + (wf)(x) = (tot. flow)(criteria)

(6.67 cfs)(0) + (0.222 cfs)(x) = (6.89 cfs)(250 mg/l)

x = 7,759.0 mg/l (renewal application maximum was 39.1 mg/l - ok)

Mass balance for TDS at the potable water supply intake:

(sf @ PWS)(bkrd. conc.) + (wf)(x) = (tot. flow)(criteria)

(6.67 cfs)(0) + (0.222 cfs)(x) = (6.89 cfs)(500 mg/l)

x = 15,518.0 mg/l (renewal application maximum was 120 mg/l - ok)

Antibacksliding:

Since all the permit limits in this renewal are the same or more restrictive than the previous NPDES Permit, anti-backsliding is not applicable.

Attachment List:

Attachment 1 - Topographical Map of the Facility Area
Attachment 2 - Aerial Map of the STP
Attachment 3 - Toxics Screening Analysis Spreadsheet
Attachment 4 - Pentox Modeling Printouts

If viewing this electronically, please refer to the following PDF to view the above Attachments:

Adobe Acrobat Document

## Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

**Outfall 005, Effective Period: Permit Effective Date through December 31, 2022**.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Flow (MGD) | Report | Report IMAX | XXX | XXX | XXX | XXX | Monthly When Discharging | Measured |
| pH (S.U.) | XXX | XXX | 6.0 Daily Min | XXX | 9.0 Daily Max | XXX | Monthly When Discharging | 8-Hr Composite |
| COD | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| TSS | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Oil and Grease | XXX | XXX | XXX | 15.0 | XXX | 30 | Monthly When Discharging | Grab |
| Total Aluminum (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Arsenic (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Cadmium (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Cobalt (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Copper (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Dissolved Iron (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Iron (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Lead (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Manganese (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |

**Outfall 005 , Continued (from Permit Effective Date through December 31, 2022 )**

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Total Thallium (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Zinc (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 4,4-DDD (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 4,4-DDT (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 4,4-DDE (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 2,4,6-Trichlorophenol (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Acrylamide (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Aldrin (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| alpha-BHC (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| alpha-Endosulfan (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| beta-BHC (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| beta-Endosulfan (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Chlordane (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Bis(2-Ethyl-hexyl)Phthalate (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Dieldrin (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Endrin (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Endrin Aldehyde (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| gamma-BHC (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |

**Outfall 005, Continued (from Permit Effective Date through December 31, 2022)**

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Heptachlor (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Heptachlor Epoxide (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Toxaphene (ug/L) | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |

Samples taken at the following location: Outfall 005, prior to mixing with any other wastewaters.

The limits for pH and Oil and Grease are based on Chapter 95.2. Monitoring for Flow, COD, TSS, and Total Chromium is based on Chapter 92a.61. Monitoring for Total Aluminum, Total Arsenic, Total Cadmium, Total Cobalt, Total Copper, Total Iron, Dissolved Iron, Total Lead, Total Manganese, Total Thallium, Total Zinc, Acrylamide, 2,4,6-Trichlorophenol, Bis(2-Ethylhexyl)Phthalate, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, Chlordane, 4,4-DDT, 4,4-DDE, 4,4-DDD, Dieldrin, alpha-Endosulfan, beta-Endosulfan, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, and Toxaphene is based on Chapter 92a.61.

## Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

**Outfall 005, Effective Period: January 1, 2023 through Permit Expiration Date**.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Flow (MGD) | Report | Report IMAX | XXX | XXX | XXX | XXX | Monthly When Discharging | Measured |
| pH (S.U.) | XXX | XXX | 6.0 Daily Min | XXX | 9.0 Daily Max | XXX | Monthly When Discharging | 8-Hr Composite |
| COD | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| TSS | XXX | XXX | XXX | Report | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Oil and Grease | XXX | XXX | XXX | 15.0 | XXX | 30 | Monthly When Discharging | Grab |
| Total Aluminum (ug/L) | XXX | XXX | XXX | 750.0 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Arsenic (ug/L) | XXX | XXX | XXX | 13.7 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Cadmium (ug/L) | XXX | XXX | XXX | 0.785 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Cobalt (ug/L) | XXX | XXX | XXX | 26.1 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Copper (ug/L) | XXX | XXX | XXX | 30.3 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Dissolved Iron (ug/L) | XXX | XXX | XXX | 412.4 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Iron (ug/L) | XXX | XXX | XXX | 2062.3 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Lead (ug/L) | XXX | XXX | XXX | 15.7 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Manganese (ug/L) | XXX | XXX | XXX | 1374.9 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |

**Outfall 005 , Continued (from January 1, 2023 through Permit Expiration Date )**

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Total Thallium (ug/L) | XXX | XXX | XXX | 0.33 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Total Zinc (ug/L) | XXX | XXX | XXX | 247.9 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 4,4-DDD (ug/L) | XXX | XXX | XXX | 0.001 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 4,4-DDT (ug/L) | XXX | XXX | XXX | 0.001 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 4,4-DDE (ug/L) | XXX | XXX | XXX | 0.001 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| 2,4,6-Trichlorophenol (ug/L) | XXX | XXX | XXX | 6.7 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Acrylamide (ug/L) | XXX | XXX | XXX | 0.337 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Aldrin (ug/L) | XXX | XXX | XXX | 0.0002 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| alpha-BHC (ug/L) | XXX | XXX | XXX | 0.013 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| alpha-Endosulfan (ug/L) | XXX | XXX | XXX | 0.077 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| beta-BHC (ug/L) | XXX | XXX | XXX | 0.044 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| beta-Endosulfan (ug/L) | XXX | XXX | XXX | 0.077 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Chlordane (ug/L) | XXX | XXX | XXX | 0.004 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Bis(2-Ethyl-hexyl)Phthalate (ug/L) | XXX | XXX | XXX | 5.7 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Dieldrin (ug/L) | XXX | XXX | XXX | 0.0002 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Endrin (ug/L) | XXX | XXX | XXX | 0.049 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Endrin Aldehyde (ug/L) | XXX | XXX | XXX | 0.399 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| gamma-BHC (ug/L) | XXX | XXX | XXX | 0.135 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |

**Outfall 005, Continued (from January 1, 2023 through Permit Expiration Date)**

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Heptachlor (ug/L) | XXX | XXX | XXX | 0.0003 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Heptachlor Epoxide (ug/L) | XXX | XXX | XXX | 0.0001 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |
| Toxaphene (ug/L) | XXX | XXX | XXX | 0.0002 | XXX | XXX | Monthly When Discharging | 8-Hr Composite |

Samples taken at the following location: Outfall 005, prior to mixing with any other wastewaters.

The limits for pH and Oil and Grease are based on Chapter 95.2. Monitoring for Flow, COD, TSS and Total Chromium is based on Chapter 92a.61. The limits for Total Aluminum, Total Arsenic, Total Cadmium, Total Cobalt, Total Copper, Total Iron, Dissolved Iron, Total Lead, Total Manganese, Total Thallium, Total Zinc, Acrylamide, 2,4,6-Trichlorophenol, Bis(2-Ethylhexyl)Phthalate, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, Chlordane, 4,4-DDT, 4,4-DDE, 4,4-DDD, Dieldrin, alpha-Endosulfan, beta-Endosulfan, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, and Toxaphene are based on Chapter 16.

## Discharge, Receiving Waters and Water Supply Information

| | | | |
|---|---|---|---|
| Outfall No. | 005 | Design Flow (MGD) | 0.144 |
| Latitude | 41º 56' 2.66" | Longitude | -78º 38' 48.18" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater only | | |

| | | | |
|---|---|---|---|
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | 0.07 |
| Drainage Area | 1.74 | Yield (cfs/mi$^2$) | 0.048 |
| $Q_{7-10}$ Flow (cfs) | 0.08 | $Q_{7-10}$ Basis | calculated |
| Elevation (ft) | 1464 | Slope (ft/ft) | 0.03825 |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

## Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

**Outfall 005, Effective Period: Permit Effective Date through Permit Expiration Date**.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Mass Units (lbs/day) (1) | | Concentrations (mg/L) | | | | Minimum (2) Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Semi-Annual Average | Maximum | Instant. Maximum | | |
| Flow (MGD) | Report SEMI AVG | XXX | XXX | XXX | XXX | XXX | 1/6 months | Estimate |
| pH (S.U.) | XXX | XXX | Report Inst Min | XXX | XXX | Report | 1/6 months | Grab |
| Dissolved Oxygen | XXX | XXX | Report Inst Min | XXX | XXX | XXX | 1/6 months | Grab |
| COD | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| TSS | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Arsenic, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Chromium, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Copper, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Pentachloro-phenol (2) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |

(1) Facilities that use chromium/copper/arsenic formulations must monitor for Total Arsenic, Total Chromium and Total Copper. For all other facilities, monitoring for Total Arsenic, Total Chromium and Total Copper is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

(2) Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

Samples taken at the following location: Outfall 005, prior to mixing with any other wastewaters.

Monitoring for Flow, pH, Dissolved Oxygen, COD, TSS, Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol is based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit.

## Compliance History

**DMR Data for Outfall 005 (from August 1, 2018 to July 31, 2019)**

| Parameter | JUL-19 | JUN-19 | MAY-19 | APR-19 | MAR-19 | FEB-19 | JAN-19 | DEC-18 | NOV-18 | OCT-18 | SEP-18 | AUG-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Flow (MGD)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 0.113 | 0.198 |
| pH (S.U.)<br>Minimum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 6.9 | 6.7 |
| pH (S.U.)<br>Instantaneous Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 7.1 | 8.0 |
| DO (mg/L)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 6.1 | 9.0 |
| CBOD5 (mg/L)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 69.2 | 63.3 |
| TSS (mg/L)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 1680 | 600 |
| Total Aluminum (mg/L)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 23 | 8.49 |
| Total Iron (mg/L)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 43.8 | 18.0 |
| Total Manganese (mg/L)<br>Daily Maximum | GG | GG | GG | GG | GG | GG | GG | GG | GG | GG | 2.27 | 1.49 |

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 007 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 3.74" | Longitude | -78º 38' 41.18" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfalls 001, 002, 003, 004, 007, 008, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 008, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 008, 009, and 010 were not included in the Draft NPDES Permit.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 008 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 3.71" | Longitude | -78º 38' 41.86" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater and groundwater | | |
| Receiving Waters | East Branch of the Tunungwant Creek (CWF) | Stream Code | 57031 |
| NHD Com ID | 112366995 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfall 008 will no longer contain wet decking runoff, it will be a stormwater runoff only outfall.

Outfalls 001, 002, 003, 004, 007, 008, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 008, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 008, 009, and 010 were not included in the Draft NPDES Permit.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 009 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 3.74" | Longitude | -78º 38' 45.99" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | East Branch of the Tunungwant Creek (CWF) | Stream Code | 57031 |
| NHD Com ID | 112366995 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfall 009 will no longer contain wet decking runoff, it will be a stormwater runoff only outfall.

Outfalls 001, 002, 003, 004, 007, 008, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 008, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 008, 009, and 010 were not included in the Draft NPDES Permit.

**Discharge, Receiving Waters and Water Supply Information**

| | | | |
|---|---|---|---|
| Outfall No. | 010 | Design Flow (MGD) | 0.00 |
| Latitude | 41º 56' 2.97" | Longitude | -78º 38' 51.29" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: | Stormwater | | |
| Receiving Waters | Rutherford Run (CWF) | Stream Code | 57033 |
| NHD Com ID | 112366993 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi$^2$) | - |
| $Q_{7-10}$ Flow (cfs) | - | $Q_{7-10}$ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 16-C | Chapter 93 Class. | CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |

| Background/Ambient Data | | Data Source |
|---|---|---|
| pH (SU) | - | - |
| Temperature (°F) | - | - |
| Hardness (mg/L) | - | - |
| Other: | - | - |

| | | | |
|---|---|---|---|
| Nearest Downstream Public Water Supply Intake | Pennsylvania - New York state border | | |
| PWS Waters | Tunungwant Creek | Flow at Intake (cfs) | - |
| PWS RMI | - | Distance from Outfall (mi) | 4.8 |

Outfalls 001, 002, 003, 004, 007, 008, 009, and 010 all contain similar wastewater consisting of only stormwater. Outfall 003 has been selected as the best representative outfall for Outfalls 001, 002, 003, 004, 007, 008, 009, and 010. The sampling requirements for Outfalls 001, 002, 004, 007, 008, 009, and 010 were not included in the Draft NPDES Permit.