

Application Type Renewal
Facility Type Industrial
Major / Minor Minor

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

Application No. PA0267031
APS ID 1004176
Authorization ID 1492485

Applicant and Facility Information

| | | | |
|---------------------------|--|------------------|---|
| Applicant Name | <u>Quincy Township</u> | Facility Name | <u>Quincy Township Water Well 7</u> |
| Applicant Address | <u>7575 Mentzer Gap Road</u> <u>Waynesboro, PA 17268-8946</u> | Facility Address | <u>8754 Tomstown Road</u> <u>Waynesboro, PA 17268-8927</u> |
| Applicant Contact | <u>Kenneth Myers</u> | Facility Contact | <u>Kenneth Myers</u> |
| Applicant Phone | <u>(717) 412-1408</u> | Facility Phone | <u>(717) 412-1408</u> |
| Client ID | <u>34864</u> | Site ID | <u>839567</u> |
| SIC Code | <u>1623</u> | Municipality | <u>Quincy Township</u> |
| SIC Description | <u>Construction - Water, Sewer, And Utility Lines</u> | County | <u>Franklin</u> |
| Date Application Received | <u>July 16, 2024</u> | EPA Waived? | <u>Yes</u> |
| Date Application Accepted | <u>July 18, 2024</u> | If No, Reason | <u></u> |
| Purpose of Application | <u>NPDES Permit Renewal.</u> | | |

Summary of Review

Quincy Township has applied to the Pennsylvania Department of Environmental Protection (DEP) for reissuance of an NPDES permit. The permit was originally issued on January 23, 2020 and became effective of February 1, 2020. The permit expired on January 31, 2025. The Township discharges groundwater (well water) from a backup water supply well for the Quincy Township Water System.

Based on the review, it is recommended that the permit be drafted.

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.

| Approve | Deny | Signatures | Date |
|---------|------|--|---------------|
| X | | <i>Jinsu Kim</i> Jinsu Kim / Environmental Engineering Specialist | May 1, 2025 |
| x | | <i>Maria D. Bebenek</i> for Daniel W. Martin, P.E. / Environmental Engineer Manager | June 30, 2025 |
| x | | <i>Maria D. Bebenek</i> Maria D. Bebenek, P.E. / Program Manager | June 30, 2025 |

Discharge, Receiving Waters and Water Supply Information

| | | | |
|--|--|------------------------------|--|
| Outfall No. | <u>001</u> | Design Flow (MGD) | <u>.005</u> |
| Latitude | <u>39° 48' 43.31"</u> | Longitude | <u>-77° 33' 24.02"</u> |
| Quad Name | <u>Waynesboro</u> | Quad Code | <u>2025</u> |
| Wastewater Description: <u>Groundwater Discharge</u> | | | |
| Receiving Waters | <u>Unnamed Tributary to West Branch Antietam Creek (CWF, MF)</u> | Stream Code | <u>59280</u> |
| NHD Com ID | <u>49481314</u> | RMI | <u>1.07</u> |
| Drainage Area | <u>0.61 sq.mi.</u> | Yield (cfs/mi ²) | <u></u> |
| Q7-10 Flow (cfs) | <u>0.0408</u> | Q7-10 Basis | <u></u> |
| Elevation (ft) | <u></u> | Slope (ft/ft) | <u></u> |
| Watershed No. | <u>13-C</u> | Chapter 93 Class. | <u>CWF, MF</u> |
| Existing Use | <u></u> | Existing Use Qualifier | <u></u> |
| Exceptions to Use | <u></u> | Exceptions to Criteria | <u></u> |
| Assessment Status | <u>Attaining Use(s)</u> | | |
| Cause(s) of Impairment | <u></u> | | |
| Source(s) of Impairment | <u></u> | | |
| TMDL Status | <u>Final</u> | Name | <u>West Branch Antietam Creek TMDL</u> |
| Nearest Downstream Public Water Supply Intake | <u>PA-MD State Border</u> | | |
| PWS Waters | <u>Antietam Creek</u> | Flow at Intake (cfs) | <u></u> |
| PWS RMI | <u>0.0</u> | Distance from Outfall (mi) | <u>9.0</u> |

Drainage Area

The discharge will be to an existing roadie swale that runs along Tomstown Road and then discharge into Unnamed Tributary to West Branch Antietam Creek at RM 1.07. A drainage area upstream of the confluence of this swale and surface water is estimated to be 0.61 sq.mi. using USGS StreamStats available at <https://streamstats.usgs.gov/ss/>.

Streamflow

USGS StreamStats produced a Q7-10 flow of 0.0408 cfs at the confluence of this swale and surface water.

Unnamed Tributary to West Branch Antietam Creek

Under 25 Pa Code §93.9z, the West Branch Antietam Creek basin including all tributaries from SR 997 bridge to confluence with East Branch is designated as cold water fishes and supports migratory fishes. No special protection water will be impacted by this discharge. No Class A Wild Trout fishery will be impacted by this discharge. DEP's latest integrated water quality report in 2024 indicates that the proposed discharge will be located in a stream segment of the Unnamed Tributary to West Branch Antietam Creek listed as attaining use(s).

Public Water Supply Intake

DEP's eMapPA available at <http://www.depgis.state.pa.us/emappa/> does not indicate any public water supply intake system located downstream of the proposed discharge within the Commonwealth of PA. The PA-MD state border is located approximately 9 miles from the proposed discharge point. Given the distance, the proposed discharge is not expected to impact any downstream water supply intake.

Treatment Facility Summary

The permittee utilizes Well no. 7 as a backup water supply well for its water system based on the demand. An aquifer testing of this well has been completed and DEP issued a temporary discharge approval on June 8, 2016 for any discharge occurred during this testing. Raw water from Well no. 7 is used for water supply based on a turbidity level tested by an on-site turbidimeter. In early 2025, the permittee has completed construction of Well no. 7; as a result, the discharge only occurs upon start-up until the turbidity level declines. Specifically, the discharge occurs if the turbidity level of raw water is 4.5 NTU or higher. If the turbidity level of raw water is below 4.5 NTU, then, the permittee pumps the raw water from Well no. 7 to the water plant for potable water supply. A valve is available to control the raw water supply line based on the turbidity level. Based on correspondence with the permittee, the discharge occurs every other day for approximately 15 minutes and the discharge volume is about 2,000 gallons per day. The discharge is pumped through 4-inch waste line to a manhole and then discharged via 6-inch gravity line to a vegetated swale. There is a riprap placed at the end of Outfall 001 for E&S control. No chemical is used during this operation. No treatment of raw water discharge occurs at this time.

Compliance History

| | |
|--------------------------------|---|
| Summary of DMRs: | A summary of 12-month DMR data is presented on the next page. |
| Summary of Inspections: | 02/03/2021: DEP conducted an administrative inspection to follow up on a late monthly DMR submission. The delay in submission occurred due to a problem with internet connection. |
| Other Comments: | <p>Since the last permit reissuance, the permittee had a number of permit violations mainly associated with late DMR submission.</p> <p>DEP's database revealed that there is no open violation associated with this permittee.</p> |

Effluent Data

DMR Data for Outfall 001 (from April 1, 2024 to March 31, 2025)

| Parameter | MAR-25 | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 | SEP-24 | AUG-24 | JUL-24 | JUN-24 | MAY-24 | APR-24 |
|--|--------|---------|--------------|---------|----------|--------|--------|---------|---------|--------|---------|--------|
| Flow (MGD) Average Monthly | 6058 | 3873 | 0.0029 | 0.030 | 0.116 | | | 0.0006 | 0.027 | 0.0079 | 0.0219 | 0.22 |
| Flow (MGD) Daily Maximum | 10100 | 6500 | 0.0899 | 0.128 | 0.116 | | | 0.0006 | 0.027 | 0.0111 | 0.028 | 0.22 |
| pH (S.U.) Instantaneous Minimum | 7.07 | 7.28 | 7.61 | 7.53 | 7.36 | | | 7.38 | E | 8.1 | 7.59 | E |
| pH (S.U.) Instantaneous Maximum | 7.21 | 8.09 | 7.61 | 7.53 | 7.36 | | | 7.38 | E | 7.6 | 7.58 | E |
| TSS (lbs/day) Average Monthly | 0.126 | < 1.30 | 3.0 | 0.75 | 0.967 | | | < 1.60 | < 1.6 | GG | GG | E |
| TSS (lbs/day) Daily Maximum | 0.151 | < 1.60 | 3.0 | 3.2 | 0.967 | | | < 1.60 | < 1.6 | GG | GG | E |
| TSS (mg/L) Average Monthly | 2.5 | 0.043 | 0.07255 8 | 3.0 | 1.0 | | | < 1.60 | < 1.6 | < 1.6 | 5 | E |
| TSS (mg/L) Daily Maximum | 3.0 | 0.076 | 0.07255 8 | 3.0 | 1.0 | | | < 1.60 | < 1.6 | < 1.6 | 8.0 | E |
| Total Dissolved Solids (lbs/day) Average Monthly | 8.538 | 157 | 124 | 40.03 | 147.050 | | | 136 | 172 | GG | GG | E |
| Total Dissolved Solids (lbs/day) Daily Maximum | 9.80 | 160 | 124 | 170.8 | 147.050 | | | 136 | 172 | GG | GG | E |
| Total Dissolved Solids (mg/L) Average Monthly | 169 | 5.24 | 2.999 | 160 | 152 | | | 136 | 172 | 154 | 148 | E |
| Total Dissolved Solids (mg/L) Daily Maximum | 194 | 9.16 | 2.999 | 160 | 152 | | | 136 | 172 | 172 | 170 | E |
| Total Aluminum (lbs/day) Average Monthly | 0.0063 | < 0.100 | < 0.100 | < 0.03 | < 0.0967 | | | < 0.100 | < 0.100 | GG | GG | E |
| Total Aluminum (lbs/day) Daily Maximum | 0.0075 | < 0.100 | < 0.100 | < 0.11 | < 0.0967 | | | < 0.100 | < 0.100 | GG | GG | E |
| Total Aluminum (mg/L) Average Monthly | 0.124 | 0.003 | 0.0024 | < 0.100 | < 0.100 | | | < 0.100 | < 0.100 | < 0.1 | < 0.186 | E |

NPDES Permit Fact Sheet
Quincy Township WTP

NPDES Permit No. PA0267031

| Parameter | MAR-25 | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 | SEP-24 | AUG-24 | JUL-24 | JUN-24 | MAY-24 | APR-24 |
|---|-----------|---------|----------|----------|----------|--------|--------|-----------|-----------|---------|---------|--------|
| Total Aluminum (mg/L) Daily Maximum | 0.148 | 0.006 | 1.0024 | < 0.100 | < 0.100 | | | < 0.100 | < 0.100 | < 0.1 | 0.271 | E |
| Total Iron (lbs/day) Average Monthly | < 0.010 | < 0.200 | 0.200 | 0.16 | 0.200 | | | < 0.200 | < 0.200 | GG | GG | E |
| Total Iron (lbs/day) Daily Maximum | < 0.010 | < 0.200 | 0.200 | 0.67 | 0.200 | | | < 0.200 | < 0.200 | GG | GG | E |
| Total Iron (mg/L) Average Monthly | < 0.200 | 0.007 | 0.0048 | 0.624 | 0.207 | | | < 0.200 | < 0.200 | < 0.2 | < 0.375 | E |
| Total Iron (mg/L) Daily Maximum | < 0.200 | 0.012 | 0.0048 | 0.624 | 0.207 | | | < 0.200 | < 0.200 | < 0.2 | 0.549 | E |
| Total Lead (lbs/day) Average Monthly | < 0.00044 | < 0.008 | < 0.0080 | < 0.01 | < 0.0077 | | | < 0.00800 | < 0.00800 | GG | GG | E |
| Total Lead (lbs/day) Daily Maximum | < 0.00044 | < 0.008 | < 0.0080 | 0.01 | < 0.0077 | | | < 0.00800 | < 0.00800 | GG | GG | E |
| Total Lead (mg/L) Average Monthly | < 0.00800 | 0.0003 | 0.0002 | 0.00800 | 0.00800 | | | < 0.00800 | < 0.00800 | < 0.008 | < 0.008 | E |
| Total Lead (mg/L) Daily Maximum | < 0.00800 | 0.0005 | 0.0002 | 0.00800 | 0.00800 | | | < 0.00800 | < 0.00800 | < 0.008 | < 0.008 | E |
| Total Zinc (lbs/day) Average Monthly | < 0.0010 | < 0.02 | 0.0200 | 0.01 | < 0.1934 | | | < 0.200 | < 0.0200 | GG | GG | E |
| Total Zinc (lbs/day) Daily Maximum | < 0.0010 | < 0.02 | 0.0020 | 0.02 | < 0.1934 | | | < 0.200 | < 0.0200 | GG | GG | E |
| Total Zinc (mg/L) Average Monthly | < 0.0200 | 0.0007 | 0.00004 | < 0.0200 | < 0.0200 | | | < 0.200 | < 0.200 | < 0.02 | < 0.02 | E |
| Total Zinc (mg/L) Daily Maximum | < 0.0200 | 0.0011 | 0.00004 | < 0.0200 | < 0.0200 | | | < 0.200 | < 0.0200 | < 0.02 | < 0.02 | E |

Existing Effluent Limits and Monitoring Requirements

The table below summarizes effluent limits and monitoring requirements specified in the existing permit.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|------------------------|-------------------------------------|------------------|-----------------------|--------------------|------------------|---------------------|--|----------------------------|
| | Mass Units (lbs/day) ⁽¹⁾ | | Concentrations (mg/L) | | | | Minimum ⁽²⁾ Measurement Frequency | Required Sample Type |
| | Average Monthly | Daily Maximum | Minimum | Average Monthly | Daily Maximum | Instant. Maximum | | |
| Flow (MGD) | Report | Report | XXX | XXX | XXX | XXX | 2/month | Measured |
| pH (S.U.) | XXX | XXX | 6.0 Inst Min | XXX | XXX | 9.0 | 2/month | Grab |
| Total Suspended Solids | Report | Report | XXX | Report | Report | XXX | 2/month | Grab |
| Total Dissolved Solids | Report | Report | XXX | Report | Report | XXX | 2/month | Grab |
| Aluminum, Total | Report | Report | XXX | Report | Report | XXX | 2/month | Grab |
| Iron, Total | Report | Report | XXX | Report | Report | XXX | 2/month | Grab |
| Lead, Total | Report | Report | XXX | Report | Report | XXX | 2/month | Grab |
| Zinc, Total | Report | Report | XXX | Report | Report | XXX | 2/month | Grab |

Development of Effluent Limitations and Monitoring Requirements

| | | | |
|--|----------------|--------------------------|-----------------|
| Outfall No. | 001 | Design Flow (MGD) | 0.005 |
| Latitude | 39° 48' 43.31" | Longitude | -77° 33' 24.02" |
| Wastewater Description: Groundwater Discharge | | | |

General Discussion

This raw water, or groundwater, is non-processed and uncontaminated. There is no federal effluent limitations and guidelines (ELGs) available for this type of discharge and effluent BPT requirements listed in DEP's technical guidance no. are not applicable given that the discharge is not a water treatment waste. However, groundwater pulled from this well may contain certain pollutants at levels different from those typically identified in surface waters, potentially leading to a measurable change in water quality of the receiving stream. As a result, the development of effluent limits and monitoring requirements would be necessary for this discharge to ensure the protection of water quality in the receiving stream.

Permit Requirements

pH & Flow monitoring requirement

pH effluent limits of 6.0 (minimum) and 9.0 (maximum) are needed as per 25 Pa Code §95.2(1); therefore, no change will be made to pH effluent limits. The requirement to monitor for the volume of effluent discharged from Outfall 001 will also continue to be included in the permit in accordance with 40 CFR §122.44(1)(ii).

Total Suspended Solids

A routine monitoring requirement for Total Suspended Solids was included in the permit based on instream sample results and turbidity levels. A continuation of this monitoring requirement is recommended given that there has not any change to the main source of the discharge (i.e., raw water discharged based on turbidity level).

Other Pollutants

The last permit renewal included a routine monitoring requirement for metals, specifically Total Aluminum, Total Zinc, Total Lead, and Total Iron. The renewal also included a monitoring requirement for Total Dissolved Solids. These monitoring requirements were established based on sample results of groundwater pulled from Well no. 7 provided as part of the application package. Past DMRs have been summarized as follows (i.e., the discharge occurred since January 2024):

| | Aluminum | | | | Iron | | | |
|--------|-------------------|---------------------|----------------|------------------|-------------------|---------------------|----------------|------------------|
| | Avg Mon (lbs/day) | Daily Max (lbs/day) | Avg Mon (mg/L) | Daily Max (mg/L) | Avg Mon (lbs/day) | Daily Max (lbs/day) | Avg Mon (mg/L) | Daily Max (mg/L) |
| Jan-24 | E | E | E | E | E | E | E | E |
| Feb-24 | < 0.100 | < 0.100 | 0.1 | < 0.100 | < 0.200 | < 0.200 | < 0.200 | < 0.200 |
| Apr-24 | E | E | E | E | E | E | E | E |
| May-24 | GG | GG | < 0.186 | 0.271 | GG | GG | < 0.375 | 0.549 |
| Jun-24 | GG | GG | < 0.1 | < 0.1 | GG | GG | < 0.2 | < 0.2 |
| Jul-24 | < 0.100 | < 0.100 | < 0.100 | < 0.100 | < 0.200 | < 0.200 | < 0.200 | < 0.200 |
| Aug-24 | < 0.100 | < 0.100 | < 0.100 | < 0.100 | < 0.200 | < 0.200 | < 0.200 | < 0.200 |
| Nov-24 | < 0.0967 | < 0.0967 | < 0.100 | < 0.100 | 0.2 | 0.2 | 0.207 | 0.207 |
| Dec-24 | < 0.03 | < 0.11 | < 0.100 | < 0.100 | 0.16 | 0.67 | 0.624 | 0.624 |
| Jan-25 | < 0.100 | < 0.100 | 0.0024 | 1.0024 | 0.2 | 0.2 | 0.0048 | 0.0048 |
| Feb-25 | < 0.100 | < 0.100 | 0.003 | 0.006 | < 0.200 | < 0.200 | 0.007 | 0.012 |
| Mar-25 | 0.0063 | 0.0075 | 0.124 | 0.148 | < 0.010 | < 0.010 | < 0.200 | < 0.200 |

| | Lead | | | | Zinc | | | |
|--------|-------------------|---------------------|----------------|------------------|-------------------|---------------------|----------------|------------------|
| | Avg Mon (lbs/day) | Daily Max (lbs/day) | Avg Mon (mg/L) | Daily Max (mg/L) | Avg Mon (lbs/day) | Daily Max (lbs/day) | Avg Mon (mg/L) | Daily Max (mg/L) |
| Jan-24 | E | E | E | E | E | E | E | E |
| Feb-24 | < 0.00800 | < 0.00800 | 0.008 | < 0.00800 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 |
| Apr-24 | E | E | E | E | E | E | E | E |
| May-24 | GG | GG | < 0.008 | < 0.008 | GG | GG | < 0.02 | < 0.02 |
| Jun-24 | GG | GG | < 0.008 | < 0.008 | GG | GG | < 0.02 | < 0.02 |
| Jul-24 | < 0.00800 | < 0.00800 | < 0.00800 | < 0.00800 | < 0.0200 | < 0.0200 | < 0.200 | < 0.0200 |
| Aug-24 | < 0.00800 | < 0.00800 | < 0.00800 | < 0.00800 | < 0.200 | < 0.200 | < 0.200 | < 0.200 |
| Nov-24 | < 0.0077 | < 0.0077 | < 0.00800 | < 0.00800 | < 0.1934 | < 0.1934 | < 0.0200 | < 0.0200 |
| Dec-24 | < 0.01 | 0.01 | < 0.00800 | < 0.00800 | 0.01 | 0.02 | < 0.0200 | < 0.0200 |
| Jan-25 | < 0.0080 | < 0.0080 | 0.0002 | 0.0002 | 0.02 | 0.002 | 0.00004 | 0.00004 |
| Feb-25 | < 0.008 | < 0.008 | 0.0003 | 0.0005 | < 0.02 | < 0.02 | 0.0007 | 0.0011 |
| Mar-25 | < 0.00044 | < 0.00044 | < 0.00800 | < 0.00800 | < 0.0010 | < 0.0010 | < 0.0200 | < 0.0200 |

| | Total Dissolved Solids | | | |
|--------|------------------------|---------------------|----------------|------------------|
| | Avg Mon (lbs/day) | Daily Max (lbs/day) | Avg Mon (mg/L) | Daily Max (mg/L) |
| Jan-24 | E | E | E | E |
| Feb-24 | 132 | 132 | 132 | 132 |
| Apr-24 | E | E | E | E |
| May-24 | GG | GG | 148 | 170 |
| Jun-24 | GG | GG | 154 | 172 |
| Jul-24 | 172 | 172 | 172 | 172 |
| Aug-24 | 136 | 136 | 136 | 136 |
| Nov-24 | 147.05 | 147.05 | 152 | 152 |
| Dec-24 | 40.03 | 170.8 | 160 | 160 |
| Jan-25 | 124 | 124 | 2.999 | 2.999 |
| Feb-25 | 157 | 160 | 5.24 | 9.16 |
| Mar-25 | 8.538 | 9.8 | 169 | 194 |

As shown above, effluent levels of metals are very low and most of them are below the water quality standards. DEP has therefore determined to remove the monitoring requirement for these metals. For Total Dissolved Solids, the monitoring requirement will continue to be included in the permit.

Sample Type and Monitoring Frequency

Given the expected duration of discharge (i.e., 2 to 3 hours), it is not reasonable to require composite; therefore, grab sampling requirement will continue to be included in the permit. Because the discharge volume has now significantly decreased (i.e., from 0.2 to 0.005 MGD), the monitoring frequency for the remaining parameters including pH, flow, TSS, and TDS has changed from 2/month to 1/month.

Other Consideration

DEP developed a Total Maximum Daily Load (TMDL) to address sediment and phosphorus impairments identified in the West Branch Antietam Creek watershed. The receiving stream is not however a part of this TMDL as the entire watershed of this receiving stream is attaining its designated use. Accordingly, no TMDL has been taken into consideration for this review.

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" (386-0400-001), SOPs and/or BPJ.

Outfall 001, 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 | Daily Maximum | Minimum | Average Monthly | Daily Maximum | Instant. Maximum | | |
| Flow (MGD) | Report | Report | XXX | XXX | XXX | XXX | 1/month | Measured |
| pH (S.U.) | XXX | XXX | 6.0 Inst Min | XXX | XXX | 9.0 | 1/month | Grab |
| Total Dissolved Solids | Report | Report | XXX | Report | Report | XXX | 1/month | Grab |
| Total Suspended Solids | Report | Report | XXX | Report | Report | XXX | 1/month | Grab |

| Tools and References Used to Develop Permit | |
|---|--|
| <input type="checkbox"/> | WQM for Windows Model (see Attachment [redacted]) |
| <input type="checkbox"/> | Toxics Management Spreadsheet (see Attachment [redacted]) |
| <input type="checkbox"/> | TRC Model Spreadsheet (see Attachment [redacted]) |
| <input type="checkbox"/> | Temperature Model Spreadsheet (see Attachment [redacted]) |
| <input type="checkbox"/> | Water Quality Toxics Management Strategy, 361-0100-003, 4/06. |
| <input type="checkbox"/> | Technical Guidance for the Development and Specification of Effluent Limitations, 386-0400-001, 10/97. |
| <input type="checkbox"/> | Policy for Permitting Surface Water Diversions, 386-2000-019, 3/98. |
| <input type="checkbox"/> | Policy for Conducting Technical Reviews of Minor NPDES Renewal Applications, 386-2000-018, 11/96. |
| <input type="checkbox"/> | Technology-Based Control Requirements for Water Treatment Plant Wastes, 386-2183-001, 10/97. |
| <input type="checkbox"/> | Technical Guidance for Development of NPDES Permit Requirements Steam Electric Industry, 386-2183-002, 12/97. |
| <input type="checkbox"/> | Pennsylvania CSO Policy, 386-2000-002, 9/08. |
| <input type="checkbox"/> | Water Quality Antidegradation Implementation Guidance, 391-0300-002, 11/03. |
| <input type="checkbox"/> | Implementation Guidance Evaluation & Process Thermal Discharge (316(a)) Federal Water Pollution Act, 386-2000-008, 4/97. |
| <input type="checkbox"/> | Determining Water Quality-Based Effluent Limits, 386-2000-004, 12/97. |
| <input type="checkbox"/> | Implementation Guidance Design Conditions, 386-2000-007, 9/97. |
| <input type="checkbox"/> | Technical Reference Guide (TRG) WQM 7.0 for Windows, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen, Version 1.0, 386-2000-016, 6/2004. |
| <input type="checkbox"/> | Interim Method for the Sampling and Analysis of Osmotic Pressure on Streams, Brines, and Industrial Discharges, 386-2000-012, 10/1997. |
| <input type="checkbox"/> | Implementation Guidance for Section 95.6 Management of Point Source Phosphorus Discharges to Lakes, Ponds, and Impoundments, 386-2000-009, 3/99. |
| <input type="checkbox"/> | Technical Reference Guide (TRG) PENTOXSD for Windows, PA Single Discharge Wasteload Allocation Program for Toxics, Version 2.0, 386-2000-015, 5/2004. |
| <input type="checkbox"/> | Implementation Guidance for Section 93.7 Ammonia Criteria, 386-2000-022, 11/97. |
| <input type="checkbox"/> | Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers, 386-2000-013, 4/2008. |
| <input type="checkbox"/> | Implementation Guidance Total Residual Chlorine (TRC) Regulation, 386-2000-011, 11/1994. |
| <input type="checkbox"/> | Implementation Guidance for Temperature Criteria, 386-2000-001, 4/09. |
| <input type="checkbox"/> | Implementation Guidance for Section 95.9 Phosphorus Discharges to Free Flowing Streams, 386-2000-021, 10/97. |
| <input type="checkbox"/> | Implementation Guidance for Application of Section 93.5(e) for Potable Water Supply Protection Total Dissolved Solids, Nitrite-Nitrate, Non-Priority Pollutant Phenolics and Fluorides, 386-2000-020, 10/97. |
| <input type="checkbox"/> | Field Data Collection and Evaluation Protocol for Determining Stream and Point Source Discharge Design Hardness, 386-2000-005, 3/99. |
| <input type="checkbox"/> | Implementation Guidance for the Determination and Use of Background/Ambient Water Quality in the Determination of Wasteload Allocations and NPDES Effluent Limitations for Toxic Substances, 386-2000-010, 3/1999. |
| <input type="checkbox"/> | Design Stream Flows, 386-2000-003, 9/98. |
| <input type="checkbox"/> | Field Data Collection and Evaluation Protocol for Deriving Daily and Hourly Discharge Coefficients of Variation (CV) and Other Discharge Characteristics, 386-2000-006, 10/98. |
| <input type="checkbox"/> | Evaluations of Phosphorus Discharges to Lakes, Ponds and Impoundments, 386-3200-001, 6/97. |
| <input type="checkbox"/> | Pennsylvania's Chesapeake Bay Tributary Strategy Implementation Plan for NPDES Permitting, 4/07. |
| <input type="checkbox"/> | SOP: [redacted] |
| <input type="checkbox"/> | Other: [redacted] |