
SECTION 9
APPENDIX



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

December 23, 2015

Mr. William LeBarron
Jamestown Borough Municipal Authority
406 Jackson Street
P.O. Box 188
Jamestown, PA 16134

Re: Final NPDES Permit - Sewage
Jamestown Municipal STP
NPDES Permit No. PA0029726
Authorization ID No. 1055320
Jamestown Borough, Mercer County

Dear Mr. LeBarron:

Your NPDES permit is enclosed. Please read the permit carefully. The permit expires on the date identified on page 1 of the permit. A renewal application must be submitted to this office 180 days prior to the permit expiration date, if a discharge is expected to continue past the expiration date of the permit.

Enclosed are Discharge Monitoring Report (DMR) templates and DMR instructions. It is recommended that you retain the DMR templates in the event you are unable to submit DMRs electronically through DEP's eDMR system. Routine use of the eDMR system is a requirement of the permit unless the conditions in Part A III.B of the permit are met to withdraw from the eDMR system.

Also enclosed is a Supplemental Form Inventory, which identifies the forms that are attached to the permit and must be submitted as attachments to eDMR reports, as applicable (see individual form instructions). The submission of other supplemental forms may be required in accordance with the permit. We encourage you to use the spreadsheet versions of supplemental forms that contain appropriate validation and DEP-approved calculations.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

Mr. William LeBarron

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IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions, please contact Adam Pesek at 814.332.6331.

Sincerely,



John A. Holden, P.E.
Environmental Program Manager
Clean Water Program

Enclosures

cc: Matthew J. Arena, P.E. / Herbert, Rowland & Grubic, Inc.
Central Office, Division of Operations, Monitoring and Data Systems



**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE REQUIREMENTS FOR PUBLICLY OWNED
TREATMENT WORKS (POTWs)**

NPDES PERMIT NO: PA0029726

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Jamestown Municipal Authority
406 Jackson Street
P.O. Box 188
Jamestown, PA 16134**

is authorized to discharge from a facility known as **Jamestown Municipal STP**, located on **Main Street Extension, Jamestown, PA 16134**, located in **Jamestown Borough, Mercer County**, to the **Shenango River** in Watershed(s) **20-A** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON JAN 01 2016
THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON DEC 31 2020

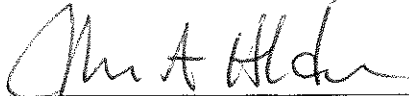
The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED DEC 23 2015

ISSUED BY 
**John A. Holden, P.E.
Clean Water Program Manager
Northwest Regional Office**

PART A - EFFLUENT LIMITATIONS, MONITORING RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001, Latitude 41° 28' 59.00", Longitude 80° 26' 30.00", River Mile Index 66.34, Stream Code 35482

Receiving Waters: Shenango River

Type of Effluent: Treated domestic sewage

1. The permittee is authorized to discharge during the period from Permit Effective Date through Permit Expiration Date.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

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	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	4.0	XXX	XXX	XXX	1/day	Grab
Total Residual Chlorine	XXX	XXX	XXX	0.5	XXX	1.6	1/day	Grab
CBOD5	33.3	50 Wkly Avg	XXX	25	40	50	1/week	24-Hr Composite
BOD5	Report	Report	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Raw Sewage Influent	Report	Report	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Suspended Solids	Report	Report	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Raw Sewage Influent	Report	Report	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Suspended Solids	25.5	56 Wkly Avg	XXX	30	45	60	1/week	24-Hr Composite
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1,000	1/week	Grab
May 1 - Sep 30								

Outfall 001, Continued (from 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	Weekly Average		
Fecal Coliform (CFU/100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2,000 Geo Mean	XXX	10,000	1/week Grab
Total Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/week 24-Hr Composite
Ammonia-Nitrogen	39	XXX	XXX	18	XXX	36	1/week 24-Hr Composite
Total Phosphorus	2.2	XXX	XXX	1.0	XXX	2.0	1/week 24-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
at Outfall 001 (after disinfection)

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS
(Continued)

Additional Requirements

1. The permittee may not discharge:
 - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code § 92a.41(c))
 - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code § 92a.47(a)(7), § 95.2(2))
 - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code § 93.6(a))
 - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. (25 Pa Code § 92a.41(c))
2. The monthly average percent removal of BOD₅ or CBOD₅ and TSS must be at least 85% for POTW facilities on a concentration basis except where 25 Pa. Code 92a.47(g) and (h) are applicable to facilities with combined sewer overflows (CSOs) or as otherwise specified in this permit. (25 Pa. Code § 92a.47(a)(3))
3. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.
4. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is "composite", the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BPNPSM0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

- (1) The hydraulic design capacity of 0.189 million gallons per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to help determine whether a "hydraulic overload" situation exists, as defined in Title 25 Pa. Code Chapter 94.
- (2) The effluent limitations for Outfall 001 were determined using an effluent discharge rate of 0.26 MGD.
- (3) The organic design capacity of 266 lbs BOD₅ per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to determine whether an "organic overload" condition exists, as defined in 25 Pa. Code Chapter 94.
- (4) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO₂+NO₃-N), where TKN and NO₂+NO₃-N are measured in the same sample.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code § 92a.2)

Bypass means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

Calendar Week is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

Clean Water Act means the Federal Water Pollution Control Act, as amended (33 U.S.C.A. §§ 1251 to 1387).

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Daily Maximum Discharge Limitation means the highest allowable "daily discharge."

Discharge Monitoring Report (DMR) means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

Geometric Mean means the average of a set of n sample results given by the nth root of their product.

Grab Sample means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

Hauled-In Wastes means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

Hazardous Substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Indirect Discharger means a non-domestic discharger introducing pollutants to a Publicly Owned Treatment Works (POTW) or other treatment works. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Industrial User means a source of Indirect Discharge. (40 CFR 403.3)

Instantaneous Maximum Effluent Limitation means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code § 92a.2)

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Monthly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code § 92a.2)

Municipality means a city, town, borough, county, township, school district, institution, authority or other public body created by or pursuant to State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes. (25 Pa. Code § 92a.2)

Municipal Waste means garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code § 271.1)

Publicly Owned Treatment Works (POTW) means a treatment works as defined by §212 of the Clean Water Act, owned by a state or municipality. The term includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. The term also includes sewers, pipes or other conveyances if they convey wastewater to a POTW providing treatment. The term also means the municipality as defined in section 502(4) of the Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. (25 Pa Code § 92a.2, 40 CFR 122.2)

Residual Waste means garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code § 287.1)

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code § 92a.2)

Stormwater Associated With Industrial Activity means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) -- (ix) and (xi) and 25 Pa. Code § 92a.2.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

Weekly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.

III. SELF-MONITORING, REPORTING AND RECORDKEEPING

A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61)

2. Records Retention (40 CFR 122.41(j)(2))

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application, unless a longer retention period is required by the permit. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures

- a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§ 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.
- b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))
- c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(i)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (40 CFR 122.41(e), 122.44(i)(1))
2. Discharge Monitoring Reports (DMRs) must be completed in accordance with DEP's published DMR Instructions (3800-FM-BPNPSM0463). DMRs are based on calendar reporting periods unless Part C of this permit requires otherwise. DMR(s) must be received by the agency(ies) specified in paragraph 3 below in accordance with the following schedule:
 - Monthly DMRs must be received within 28 days following the end of each calendar month.
 - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
 - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
 - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.
3. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) provided by DEP in this permit (or an approved equivalent), and submit the signed, completed forms as an attachment to the DMR(s). If the permittee elects to use DEP's electronic DMR (eDMR) system, one electronic submission may be made for DMRs and Supplemental DMRs. If paper forms are used, the completed forms shall be mailed to:

Department of Environmental Protection
Clean Water Program
230 Chestnut Street
Meadville, PA 16335-3481

4. If the permittee elects to begin using DEP's eDMR system to submit DMRs required by the permit, the permittee shall, to assure continuity of business operations, continue using the eDMR system to submit all DMRs and Supplemental Reports required by the permit, unless the following steps are completed to discontinue use of eDMR:
 - a. The permittee shall submit written notification to the regional office that issued the permit that it intends to discontinue use of eDMR. The notification shall be signed by a principal executive officer or authorized agent of the permittee.
 - b. The permittee shall continue using eDMR until the permittee receives written notification from DEP's Central Office that the facility has been removed from the eDMR system, and electronic report submissions are no longer expected.
5. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:

- For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
- For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
- For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR 122.22(b))

6. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

C. Reporting and Notification Requirements

1. **Planned Changes to Physical Facilities** – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b). (40 CFR 122.41(l)(1)(i))
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
 - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
2. **Planned Changes to Waste Stream** – Under the authority of 25 Pa. Code § 92a.24(a) and 40 CFR 122.42(b), the permittee shall provide notice to DEP and EPA as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the "Planned Changes to Waste Stream" Supplemental Report (3800-FM-BPNPSM0482), available on DEP's website. The permittee shall provide information on the quality and quantity of waste introduced into the POTW, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW (40 CFR 122.42(b)(3)). The Report shall be sent via Certified Mail or other means to confirm DEP's receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.
 - a. **Introduction of New Pollutants** (25 Pa. Code § 92a.24(a), 40 CFR 122.42(b)(1))

New pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Any pollutants that were not detected in the facilities' influent waste stream as reported in the permit application; and have not been approved to be included in the permittee's influent waste stream by DEP in writing.

- (ii) Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants (40 CFR 122.42(b)(1)).

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code § 92a.24(a), 40 CFR 122.42(b)(2))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or have been previously approved to be included in the permittee's influent waste stream by DEP in writing.
- (ii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP and/or EPA, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the POTW, or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations, may not result in a hydraulic or organic overload condition as defined in 25 Pa. Code § 94.1, and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

- (i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BPNPSM0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.
- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.
- (5) The name and address of the generator of the residual wastes.

- (6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

- (ii) The following conditions apply to the characterization of residual wastes received by the permittee:

(1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.

(2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BPNPSM0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The BOD₅ concentration (mg/l) and load (lbs) for the wastes received.
- (4) The location(s) where wastes were disposed of within the treatment facility.

- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes. The influent BOD₅ characterization for the treatment facility, as reported in the annual Municipal Wasteload Management Report per 25 Pa. Code Chapter 94, must be representative of the hauled-in municipal wastes received.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).
- (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.
 - (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
 - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.
- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
- (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph (40 CFR 122.41(l)(6)(ii)):
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement.
 - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
 - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BPNPSM0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with 25 Pa. Code § 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))
4. The permittee shall provide the following information in the annual Municipal Wasteload Management Report, required under the provisions of Title 25 Pa. Code Chapter 94:
 - a. The requirements identified in 25 Pa. Code § 94.12.
 - b. The identity of any indirect discharger(s) served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimated concentration of each pollutant discharged into the POTW by the indirect discharger.
 - c. A "Solids Management Inventory" if specified in Part C of this permit.
 - d. The total volume of hauled-in residual and municipal wastes received during the year, by source.
 - e. The Annual Report requirements for permittees required to implement an industrial pretreatment program listed in Part C, as applicable.

D. General Pretreatment Requirements

1. Any POTW (or combination of POTWs operated by the same authority) with a total design flow greater than 5 million gallons per day (MGD) and receiving from industrial users pollutants which pass through or interfere with the operation of the POTW or are otherwise subject to Pretreatment Standards will be required to establish a POTW Pretreatment Program unless specifically exempted by the Approval Authority. A POTW with a design flow of 5 MGD or less may be required to develop a POTW Pretreatment Program if the Approval Authority finds that the nature or volume of the industrial influent, treatment process upsets, violations of effluent limitations, contamination of sludge, or other circumstances warrant in order to prevent interference or pass through. (40 CFR 403.8)
2. Each POTW with an approved Pretreatment Program pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in 40 CFR 403.5(a)(1) and (b), and shall continue to develop these limits as necessary and effectively enforce such limits. This condition applies, for example, when there are planned changes to the waste stream as identified in Part A III.C.2. If the permittee is required to develop or continue implementation of a Pretreatment Program, detailed requirements will be contained in Part C of this permit.
3. For all POTWs, where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure renewed or continued compliance with this permit or sludge use or disposal practices. Where POTWs do not have an approved Pretreatment Program, the permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code § 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§ 1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))
2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
 - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))

- b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
 - c. The permittee submitted the necessary notice required in paragraph G.4 below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in paragraph G.2 above. (40 CFR 122.41(m)(4)(ii))
 4. Notice
 - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
 - b. Unanticipated Bypass – The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR 122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (40 CFR 122.41(c))

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR 122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
 - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
 - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))
 - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))
 - d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits

has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate Department regulations. (25 Pa. Code § 92a.71)

3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

IV. ANNUAL FEE

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code § 92a.62)

Small Flow Treatment Facility (SRSTP and SFTF)	\$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	\$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	\$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	\$750
Major Sewage Facility ≥ 1 and < 5 MGD	\$1,250
Major Sewage Facility ≥ 5 MGD	\$2,500
Major Sewage Facility with CSO	\$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category: **Minor Sewage Facility ≥0.05 and <1 MGD.**

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Throughout a five year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fees identified above are subject to change in accordance with 25 Pa. Code § 92a.62(e).

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Point and Non-Point Source Management
Re: Chapter 92a Annual Fee
P.O. Box 8466
Harrisburg, PA 17105-8466

PART C

I. OTHER REQUIREMENTS

- A. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be directly admitted to the sanitary sewers associated with the herein approved discharge.
- B. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- C. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.
- D. The permittee shall optimize chlorine dosages used for disinfection or other purposes to minimize the concentration of Total Residual Chlorine (TRC) in the effluent, meet applicable effluent limitations, and reduce the possibility of adversely affecting the receiving waters. Optimization efforts may include an evaluation of wastewater characteristics, mixing characteristics, and contact times, adjustments to process controls, and maintenance of the disinfection facilities. If DEP determines that effluent TRC is causing adverse water quality impacts, DEP may reopen this permit to apply new or more stringent effluent limitations and/or require implementation of control measures or operational practices to eliminate such impacts.

Where the permittee does not use chlorine for primary or backup disinfection, but proposes the use of chlorine for cleaning or other purposes, the permittee shall notify DEP prior to initiating use of chlorine and monitor TRC concentrations in the effluent on each day in which chlorine is used. The results shall be submitted as an attachment to the DMR.

E. Requirement to Use eDMR System

The permittee shall continue to use eDMR for all subsequent reporting periods unless the Department grants written approval to discontinue its use and issues an amendment to this permit.

II. SOLIDS MANAGEMENT

- A. The permittee shall manage and properly dispose of sewage sludge and/or biosolids, produced by the system, by balancing the amount of solids maintained within the treatment system. The permittee shall develop a scheduled sludge wasting rate that maintains an appropriate mass balance for the specific treatment process type and system loadings and maintains compliance with permit effluent conditions. Holding excess sludge within clarifiers or in the disinfection process is not acceptable. The permittee shall compute and set the wasting rate and time so as to maintain an appropriate balance of sludge in the system. Seasonal variations shall be considered in developing sludge wasting rates.
- B. The permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Sewage Sludge/Biosolids Production and Disposal" (Form No. 3800-FM-BPNPSM0438) and "Supplemental Report – Influent & Process Control" (Form No. 3800-FM-BPNPSM0436), as attachments to the DMR on a monthly basis. When applicable, the permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Hauled In Municipal Wastes" (Form No. 3800-FM-BPNPSM0437) and "Supplemental Report – Hauled In Residual Wastes" (Form No. 3800-FM-BPNPSM0450), as attachments to the DMR.

- C. By March 31 of each year, the permittee shall submit a "Sewage Sludge Management Inventory" that summarizes the amount of sewage sludge and/or biosolids produced and wasted during the calendar year from the system. The "Sewage Sludge Management Inventory" may be submitted with the Municipal Wasteload Management Report required by Chapter 94. This summary shall include the expected sewage sludge production (estimated using the methodology described in the U.S. EPA handbook, "Improving POTW Performance Using the Composite Correction Approach" (EPA-625/6-84-008)), compared with the actual amount disposed during the year. Sludge quantities shall be expressed as dry weight in addition to gallons or other appropriate units.



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Facility Type: MINOR

PERMITTEE NAME/ADDRESS

Jamestown Borough Municipal Authority
 406 Jackson Street
 Jamestown, PA 16134
 Jamestown Municipal STP
 Jamestown Borough
 Mercer County
 WATERSHED 20-A

PA0029726
 PERMIT NUMBER

001
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: January 1, 2016
 DMR Effective To: December 31, 2020
 Permit Expires: December 31, 2020
 Permit Application Due: July 4, 2020

MONITORING PERIOD
 YEAR MO DAY TO YEAR MO DAY

Check Here if No Discharge

RMS file: WQ/Sew/IW/ Tech Rpts

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS				
Flow	MEASUREMENT	Report Avg Mo	MGD	*****	*****	*****		Continuous	Measured
	PERMIT REQUIREMENT	Report Daily Max	MGD	*****	*****	*****			
pH	MEASUREMENT	*****		6.0 Min	9.0 Max	S.U.		1/day	Grab
	PERMIT REQUIREMENT	*****		4.0 Min	*****	mg/L		1/day	Grab
Dissolved Oxygen	MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT	*****		*****	*****				
Total Residual Chlorine	MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT	*****		0.5 Avg Mo	1.6 IMAX	mg/L		1/day	Grab
CBOD5	MEASUREMENT	33.3 Avg Mo	lbs/day	*****	40 Wkly Avg	mg/L		1/week	24-Hr Composite
	PERMIT REQUIREMENT	50 Wkly Avg	lbs/day	*****	*****				
BOD5 Raw Sewage Influent	MEASUREMENT	Report Avg Mo	lbs/day	*****	*****			1/week	24-Hr Composite
	PERMIT REQUIREMENT	Report Daily Max	lbs/day	*****	*****				
Total Suspended Solids Raw Sewage Influent	MEASUREMENT	Report Avg Mo	lbs/day	*****	*****			1/week	24-Hr Composite
	PERMIT REQUIREMENT	Report Daily Max	lbs/day	*****	*****				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 19 Pa. C.S. § 4904 (relating to unsworn affidavits).									
TYPED OR PRINTED SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")									



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Facility Type: MINOR

PERMITTEE NAME/ADDRESS

Jamestown Borough Municipal Authority

406 Jackson Street

Jamestown, PA 16134

Jamestown Municipal STP

Jamestown Borough

Mercer County

WATERSHED 20-A

RMS file: WQ/Sew/IWI/ Tech Rpts

PA0029726
 PERMIT NUMBER

001
 OUTFALL NUMBER

Reporting Frequency: Monthly

DMR Effective From: January 1, 2016

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Permit Expires: December 31, 2020

Permit Application Due: July 4, 2020

Check Here if No Discharge

NOTE: Read Instructions before completing this form

MONITORING PERIOD			
YEAR	MO	DAY	TO

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE				
Total Suspended Solids	MEASUREMENT			*****					
	PERMIT REQUIREMENT	25.5 Avg Mo	56 Wkly Avg	*****	30 Avg Mo	45 Wkly Avg		1/week	24-Hr Composite
	SAMPLE MEASUREMENT	*****	*****	*****					
Fecal Coliform May 1 - Sep 30	PERMIT REQUIREMENT	*****	*****	*****	200 Geo Mean	1,000 IMAX		1/week	Grab
	SAMPLE MEASUREMENT	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	2,000 Geo Mean	10,000 IMAX		1/week	Grab
Total Nitrogen	MEASUREMENT			*****					
	PERMIT REQUIREMENT	Report Avg Mo	*****	*****	Report Avg Mo	*****		1/week	24-Hr Composite
	SAMPLE MEASUREMENT	*****	*****	*****					
Ammonia-Nitrogen	PERMIT REQUIREMENT	39 Avg Mo	*****	*****	18 Avg Mo	*****		1/week	24-Hr Composite
	SAMPLE MEASUREMENT	*****	*****	*****					
	PERMIT REQUIREMENT	2.2 Avg Mo	*****	*****	1.0 Avg Mo	*****		1/week	24-Hr Composite
Total Phosphorus	MEASUREMENT			*****					
	PERMIT REQUIREMENT	*****	*****	*****					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for knowingly falsifying information, including the possibility of fine and imprisonment for knowing violators. See 18 Pa. C.S. § 4904 (relating to document falsification).

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE
AREA CODE	NUMBER	YEAR	MO DAY

TYPED OR PRINTED

COMMENTS (Report all violations on the "Non-Compliance Reporting Form")



INSTRUCTIONS FOR COMPLETING DISCHARGE MONITORING REPORTS (DMRs)

General

One or more Discharge Monitoring Reports (DMRs) are attached to your permit for reporting the results of self-monitoring activities as required by your permit. You should make copies of the DMRs for your ongoing use, unless you elect to participate in the Department of Environmental Protection's (DEP's) electronic DMR (eDMR) program (see www.dep.state.pa.us/edmr).

- Reporting frequencies will vary depending on the monitoring frequencies listed in your permit, and are generally monthly, quarterly semi-annually and annually.
- Your reports must be received by DEP on the 28th day of the month following the end of the reporting period, unless otherwise specified in Part C of your permit.
- Your permit may require submission of DMRs to other agencies, including the U.S. Environmental Protection Agency (EPA).
- If you receive DMRs in the mail from EPA, please discontinue use of DMR Form No. 3800-FM-BPNPSM0462 and begin using EPA's DMRs.
- DMRs will generally include pre-populated information for permittee name and address, facility location, permit number, outfall number, permit expiration date, parameter names, and permit requirements. If you identify any errors on a DMR issued by DEP, please contact the DEP regional office that issued your permit. If you identify any errors on a DMR issued by EPA, please contact DEP's Central Office at 717-787-6744.
- You may use computer-generated replicas of Form No. 3800-FM-BPNPSM0462 or of EPA's DMR if you receive prior approval from DEP and EPA.

Instructions

1. Enter statistical results into each blank field below the "VALUE" column headers. Results must be reported in the same units shown on the DMR.
2. Sum the total number of excursions or exceedances of permit limits across the row for each parameter and enter the value into the "NO. EX" field. For example, if the permit contains limits of 6.0 S.U. (Minimum) and 9.0 S.U. (Maximum) for pH, and the Minimum and Maximum results are 5.9 S.U. and 9.1 S.U., respectively, enter "2" into the "NO. EX" field.
3. Report the actual sampling frequency and sample type utilized during the reporting period in the fields corresponding to "Frequency of Analysis" and "Sample Type", respectively.
4. Type the name of the principal executive officer (or an authorized agent designated by a principal executive officer) who is taking responsibility for the report, sign the report (should be in ink), enter the telephone number of the responsible individual, and record the date that the report was signed. Mail only original, signed copies of DMRs.
5. In the Comments section at the bottom of the DMR, you may write a brief summary of violations in this section; however, DEP requests that all violations during the monitoring period be reported in more detail on DEP's **Non-Compliance Reporting Form** (3800-FM-BPNPSM0440) and be submitted as an attachment to the DMR. Other uses of the Comments Section include explanations of attachments to the DMR, explanations for the unavailability of data, and brief summaries of issues that have affected operations or effluent quality during the monitoring period. Always consider attaching a letter or separate document to explain your situation in more detail.

No Discharge or No Data Available

If there was no discharge at all from an outfall during the monitoring period, check the "No Discharge" box on the top of the DMR. Complete the information above and below the table and mail the DMR to the appropriate agencies. Be sure to sign and date the DMR.

If there was no discharge of a specific parameter (e.g., if a chlorine limit is in the permit but chlorine was not used for disinfection during the entire reporting period), or if data are not available for a specific parameter for the entire reporting period, do not leave the DMR blank. Instead, report one of the following No Data Indicator (NODI) codes that apply to your situation in the appropriate value field, and **provide an explanation as an attachment to the DMR**:

- A** Use if you are exempted from monitoring the parameter because of a General Permit condition.
- E** Use if all samples or results are not available for the reporting period due to equipment failure or because sample collection was overlooked or samples could not be collected for the parameter.
- GG** Use if your permit requires sample collection and analysis only under certain conditions and those conditions were not met during the reporting period (e.g., report chlorine results only when chlorination system is used).
- FF** Other: use if there is any reason for the absence of data that is not covered by those above.

If you have at least one result for a parameter, the value should be reported and not a NODI code.

Calculations

The following explains how to calculate statistical values that are commonly required by permits:

Monthly Average – For Loading (lbs/day), sum the total of daily loadings and divide by the number of samples during the month. To calculate the daily loading, multiply the daily concentration (mg/l) by the flow (MGD) on the date of sampling and a conversion factor of 8.34. For Concentration, sum the total of daily concentrations and divide by the number of samples.

Weekly Average – For Loading (lbs/day), sum the total of average daily loadings during each week of the reporting period (beginning on a Sunday and ending on a Saturday) and divide by the number of samples during the week. For Concentration, sum the total of daily concentrations each week and divide by the number of samples. Report the maximum weekly average on the DMR.

Maximum Daily ("Daily Max") – Report the maximum concentration or load measured during a 24-hour period during the reporting period; if multiple measurements are taken daily, include all data in the analysis.

Instantaneous Maximum ("IMAX") – Report the maximum result obtained by a grab sample for a specific pollutant over the entire reporting period covered by a DMR.

Instantaneous Minimum ("Minimum") – Report the minimum result obtained by a grab sample for a specific pollutant over the entire reporting period covered by a DMR.

Total Monthly Load (lbs) – Sum the total of average daily loadings, divide by the number of samples during the month, and multiply by the number of days in the month.

Geometric Mean – Report the average of a set of n sample results given by the n th root of their product. If any result is zero (0), substitute 1 for the calculation. For example, five samples were analyzed with the following results: 20, 300, 400, 500, and 0. The calculation of geometric mean is as follows (note that you will need to use the power function on a calculator):

$$\sqrt[5]{20 \cdot 300 \cdot 400 \cdot 500 \cdot 1} = \sqrt[5]{1,200,000,000} = (1,200,000,000)^{1/5} = 65$$

Non-Detect Data**Conventional and Toxic Parameters**

For calculating average values of data sets in which there are some "detections" (results at or above the laboratory reporting limit) and some "non-detect" data (results reported below the laboratory reporting limit), use the reporting limit for non-detect data. In other words, ignore the less than (<) symbol for statistical calculations and include the < symbol with the statistical result if there is at least one non-detect result in the data set. For example, four samples were analyzed with the following results: < 1.0, 2.0, < 1.0, and 1.0. The average statistical result is < 1.3.

Where the permit includes an effluent limitation for a parameter that is less than the most sensitive detection limit available, and the laboratory reports a value at or below the lowest level specified by the permit, you may use zero (0) in the calculation in lieu of the reporting limit, if the parameter is identified in 25 Pa. Code Chapter 16, Appendix A, Tables 2A and 2B. In general, parameters with limitations that are less than the most sensitive detection limit will be identified in Part C of the permit, if applicable.

Bacteria Parameters

Report all "non-detect" (e.g., < 2) and "too numerous to count" (TNTC) (e.g., > 2,000) results on DMR supplemental forms as reported by the laboratory. Do not report "TNTC" on supplemental forms, but instead report a value qualified with the ">" symbol. Where a data set includes one or more "non-detect" and/or TNTC results, calculate the geometric mean by ignoring qualifying symbols, but report the value with the symbol. If a data set includes both ">" and "<" qualifiers, the ">" qualifier takes precedence for reporting. For all "non-detect" values, specify in the Comments section of the DMR the maximum volume filtered at the laboratory.

Example 1 – For results are determined, < 2, 10, 20, and 30. The geometric mean should be reported as $(2 \bullet 10 \bullet 20 \bullet 30)^{0.25} = < 10$. Specify the maximum volume filtered for the < 2 result in the DMR Comments.

Example 2 – Three results are determined, < 2, 1,000, and > 2,000. The geometric mean should be reported as $(2 \bullet 1,000 \bullet 2,000)^{0.333} = > 158$.


Rounding and Precision

Statistical values reported on the DMR should be rounded to the same number of decimal places as the limit for the parameter as set forth in the permit. If the permit does not contain a limit but requests monitoring only, statistical values for concentration results should be rounded to the maximum number of decimal places in the data set as reported by the laboratory or the instrument used for analysis. If mass loads must be reported and there is no limit, round statistical values to the nearest whole number, unless the calculated number is less than one, in which case the value should be rounded to one significant figure (e.g., 0.1, 0.05, etc.). If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up, otherwise round down.

The documents "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047) and "Management of Non-Detect Results for Discharge Monitoring Reports" (3800-FS-DEP4262) contain more information and are incorporated by reference. These documents are available on DEP's website.

Supplemental Form Inventory

The following supplemental forms (indicated in the check box column) are attached to this permit and must be completed and submitted to DEP in accordance with the permit and the supplemental form instructions. If the eDMR system is used to submit DMR reports, the spreadsheet versions of these supplemental forms, where applicable, should be used and attached to the eDMR submissions. A link to DEP's supplemental form website is available when logging into the eDMR system.

Check Box	Supplemental Form Name and No.
<input checked="" type="checkbox"/>	Daily Effluent Monitoring (3800-FM-BPNPSM0435)
<input checked="" type="checkbox"/>	Influent & Process Control (3800-FM-BPNPSM0436)
<input type="checkbox"/>	Hauled in Municipal Wastes (3800-FM-BPNPSM0437)
<input checked="" type="checkbox"/>	Sewage Sludge/Biosolids Production and Disposal (3800-FM-BPNPSM0438)
<input type="checkbox"/>	Chemical Additives Usage (3800-FM-BPNPSM0439)
<input checked="" type="checkbox"/>	Non-Compliance Reporting Form (3800-FM-BPNPSM0440)
<input type="checkbox"/>	CSO Monthly Summary Report (3800-FM-BPNPSM0441)
<input type="checkbox"/>	CSO Detailed Report (3800-FM-BPNPSM0442)
<input type="checkbox"/>	Groundwater Monitoring Data Report (3800-FM-BPNPSM0443)
<input type="checkbox"/>	TMDL Annual Load Summary (3800-FM-BPNPSM0448)
<input type="checkbox"/>	Land Application Systems (3800-FM-BPNPSM0449)
<input type="checkbox"/>	Hauled in Residual Wastes (3800-FM-BPNPSM0450)
<input type="checkbox"/>	Surface Water Monitoring Data Report (3800-FM-BPNPSM0461)
<input checked="" type="checkbox"/>	Lab Accreditation Form (3800-FM-BPNPSM0189)
<input type="checkbox"/>	Whole Effluent Toxicity Test Summary Report (3800-FM-BPNPSM0485)
<input type="checkbox"/>	Storm Water Annual Inspection Form (3800-PM-WSFR0083v)
<input type="checkbox"/>	Storm Water Additional Information (3800-PM-WSFR0083t)
<input type="checkbox"/>	Other: 



**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Jamestown Municipal STP
 Municipality: Jamestown Borough
 Watershed: 20-A
 Laboratories: _____

Month: _____
 NPDES Permit No.: PA0029726
 Renewal application due 180 days prior to expiration
 This permit will expire on _____

Year: _____
 Outfall No.: 001

Day	Flow		pH		DO		TRC		CBOD5		TSS		Fecal Coliform		Total Nitrogen		Ammonia		
	Q	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	
1																			
2																			
3																			
4																			
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31																			
Avg																			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: _____ Signature: _____
 Title: _____ Date: _____



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

March 25, 2019

Douglas McElhaney
Jamestown Borough Municipal Authority
P.O. Box 188, 406 Jackson Street
Jamestown, PA 16134-0188

Re: WQM Permit - Sewage
Jamestown Municipal STP
Permit No. 4300404 A-2
Authorization ID No. 1253382
Jamestown Borough, Mercer County

Dear Mr. McElhaney:

Your Water Quality Management (WQM) permit amendment is enclosed. You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Please note that you are responsible for securing all other required permits, approvals and/or registrations associated with the project, if applicable, under Chapters 102 (erosion and sedimentation control), 105 (stream obstructions and encroachments) and 106 (floodplains) of DEP's regulations. Construction may not proceed until all other required permits have been obtained.

Enclosed is the "Water Quality Management Post Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities. You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to DEP within 30 days of completion of the project and must be received by DEP prior to commencing operation of the facilities.

Please be advised that the authority granted in this permit will, if not specifically extended, cease and be null and void two years from the issuance date of this permit unless construction has begun on or before the second anniversary of the permit date.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor

Mr. Douglas McElhaney

- 2 -

400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

During construction or upon completing construction, please contact Emily Bach at 814.332.6938 or ebach@pa.gov.

Sincerely,



John A. Holden, P.E.
Environmental Program Manager
Clean Water Program

Enclosures

cc: Ian Garfoli, CT Consultants
Douglas McElhaney, Authority Chairman



WATER QUALITY MANAGEMENT PERMIT

<p>A. PERMITTEE (Name and Address): CLIENT ID#: 207 Jamestown Borough Municipal Authority P.O. Box 188 406 Jackson Street Jamestown, PA 16134-0188</p>	<p>B. PROJECT/FACILITY (Name): Jamestown Municipal STP (Liberty Street Pump Station Replacement and plant upgrades)</p>	
<p>C. LOCATION (Municipality, County): SITE ID#: 261230 Jamestown Borough, Mercer County</p>		
<p>D. This amendment approves the construction/modification/operation of sewage facilities consisting of: The replacement of the Liberty Street Pump Station, as well as upgrades to the Jamestown STP which include: replacement of the influent interceptor sewer, a new mechanical bar screen and channel, a new influent pump station, improvements to the aeration tanks, addition of four new clarifiers, making repairs to the existing clarifiers, replacement of the disinfection system with UV disinfection equipment, removing of existing sludge holding tank, construction of two new sludge holding tanks, and associated appurtenances.</p>		
<p>Liberty Street Pump Station (duplex submersible pump station)</p> <p>Design Capacity: <u>150</u> GPM TDH: <u>29</u> ft</p>	<p>Influent Pump Station (Duplex non-clog submersible pump station)</p> <p>Design Capacity: <u>450</u> GPM TDH: <u>30</u> ft</p>	<p>Sewage Treatment Facility:</p> <p>Annual Average Flow: ----- MGD Design Hydraulic Capacity: <u>0.26</u> MGD</p>
<p>E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:</p> <p>1. Amendments: All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated <u>11/18/2018</u> and its supporting documentation and addendums dated <u>2/13/2019</u>, which are hereby made a part of this amendment. Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. <u>4300404</u> dated <u>7/24/2000</u> shall remain in effect.</p> <p>2. Permit Conditions Relating to Sewerage are attached and made part of this permit.</p>		
<p>F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:</p> <p>1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.</p> <p>2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.</p> <p>3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 <i>et seq.</i> Issuance of this permit shall not relieve the permittee of any responsibility under any other law.</p>		
<p>PERMIT ISSUED: <u>MAR 25 2019</u></p>	<p>BY: John A. Holden, P.E. TITLE: Clean Water Program Manager Northwest Regional Office</p>	



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE
For use in Water Quality Management Permits

(Check boxes that apply)

General

- 1. The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.
- 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.
- 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.
- 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.
- 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.
- 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 2 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the second anniversary of the permit date.
- 7. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.
- 8. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
- 9. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.
- 10. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.
- 11. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in the NPDES Permit and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

- 12. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.

- 13. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.
- 14. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using the "Post Construction Certification" form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.
- 15. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.
- 16. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

- 17. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.
- 18. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.
- 19. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.
- 20. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
- 21. The sewerage facilities shall be properly operated and maintained to perform as designed.
- 22. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.
- 23. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq.* shall operate the sewage treatment plant.
- 24. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.
- 25. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.
- 26. All connections to the approved sanitary sewers must be in accordance with the official Act 537 Plan and, if applicable, a corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.
- 27. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.



**WATER QUALITY MANAGEMENT
 POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER

Permittee	Jamestown Borough Municipal Authority
Municipality	Jamestown Borough
County	Mercer
WQM Permit No.	4300404-A2
Facility Type	Sewage

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

Engineer's Seal	Professional Engineer
	Name _____ (Please Print or Type)
	Signature _____
	Date _____
	License Expiration Date _____
	Firm or Agency _____
	Telephone _____
	Permittee or Authorized Representative
	Name _____ (Please Print or Type)
	Signature _____
	Title _____
	Telephone _____

160127



RECEIVED

NOV 15 2018

Environmental Protection Northwest Regional Office

CHAPTER 105 WATER OBSTRUCTIONS AND ENCROACHMENT GENERAL PERMIT REGISTRATION

SECTION A. APPLICANT INFORMATION

FERC Natural Gas Activity Docket Number Type of Facility Has a Water Quality Certification (WQC) request been sent to DEP? Activity Subject to FERC approval and/or Oil & Gas Exploration, Production, Storage or Transmission if the activity is regulated by FERC and provide the FERC docket number.

Applicant's Name / Client DEP Client ID# (if known) Employer ID# (EIN) Jamestown Municipal Authority (JMA) 25-6010039

Client Information - Please select Client Type / Code from drop down box under the correct entity shown below. (or may be written in) ↓

Government Non-Government Individual AUTH Authority Jamestown Municipal Authority

Mailing Address City State ZIP + 4 406 Jackson Street Jamestown PA 16134

Contact Person - Last Name First MI Suffix Telephone Email Address McElhaney Douglas (724) 932-3644 dougmcelhaney@hotmail.com

SECTION B. CONSULTANT INFORMATION (if applicable) N/A

Contact Person - Last Name First MI Suffix Consultants Title Consulting Firm Garfoli Ian A Project Manager CT Consultants, Inc.

Mailing Address City State ZIP + 4 3735 East State Street Hermitage PA 16148

Telephone Fax Email Employer ID# (EIN) (724) 734-2306 (724) 981-1904 igarfoli@ctconsultants.com 34-0792089

SECTION C. PROJECT INFORMATION

Project / Site Name DEP Site ID# (if known or leave blank) JMA Water Pollution Control Plant & Liberty Street Pump Station Improvements Project

Client Relationship - Please select Site-to-Client Relationship / Code from drop down box to the right. (or may be written in) → Double-click on shaded area below to select correct Site-to-Client Relationship / Code ↓ OWN Owner

County Municipality City Borough Township Note: Municipal & County Notification is Required Mercer Jamestown

Site Location / Address City State ZIP + 4 Main Street Extension Jamestown PA 16134

Collection Method: EMAP HGIS GISDR* ITPMP GPS WAAS LORAN Check the horizontal reference datum (or projection datum) employed in the collection method. EMAP and HGIS (PNDI) have known datum and do not require checking here. NAD27 NAD83 WGS84 (GEO84) LAT.: 41 deg 28 min 59 sec LONG.: 80 deg 26 min 26 sec

NOTE: A Submerged Lands License Agreement (SLLA) with an annual fee, if applicable, may also be required for your project. You will be notified if an SLLA is required.

The Aquatic Resources Impact Table (SECTION E. PROPOSED IMPACTS) must be completed or equivalent submitted for this registration to be complete.

SECTION D. REGISTRATION CHECKLIST AND REQUIREMENTS

Please place an "X" next to each item (1-9) to ensure it is completed and/or provided.

Unless otherwise specified, all items are required to ensure a complete Registration package.

****Provide ONE (1) ORIGINAL and ONE (1) COPY of the Registration package****

Please provide a copy of the Registration form to the Municipality & County in which the work will be performed. Proof of receipt is not required to be provided to DEP.

1. REGISTERING A GENERAL PERMIT (GP) check all that apply

Federal, State, county or municipal agencies or municipal authorities:		<input checked="" type="checkbox"/> EXEMPT from fees
<input type="checkbox"/> GP-1 Fish Habitat Enhancement Structures	Per Project	\$ 50 = \$ _____
<input type="checkbox"/> GP-2 Small Docks and Boat Launching Ramps	Per Dock / Ramp _____ (#) X	\$ 175 = \$ _____
<input type="checkbox"/> GP-3 Bank Rehabilitation, Bank Protection and Gravel Bar Removal	Per Project _____ (#) X	\$ 250 = \$ _____
<input type="checkbox"/> GP-4 Intake and Outfall Structures	Per Structure _____ (#) X	\$ 200 = \$ _____
<input type="checkbox"/> GP-5 Utility Line Stream Crossings	Per Individual Utility _____ (#) X _____ (#) X	\$ 250 = \$ _____
<input type="checkbox"/> GP-6 Agricultural Crossings and Ramps	Per Crossing / Ramp _____ (#) X	\$ 50 = \$ _____
<input type="checkbox"/> GP-7 Minor Road Crossings ²	Per Crossing _____ (#) X	\$ 350 = \$ _____
<input type="checkbox"/> GP-8 Temporary Road Crossings ²	Per Crossing _____ (#) X	\$ 175 = \$ _____
<input type="checkbox"/> GP-9 Agricultural Activities	Per Project	\$ 50 = \$ _____
<input type="checkbox"/> GP-10 Abandoned Mine Reclamation	Per Project	\$ 500 = \$ _____
<input checked="" type="checkbox"/> GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments ¹		\$ 750 +
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	_____ acres x \$4,000 =	\$ _____ +
<input type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	_____ acres x \$8,000 =	\$ _____ = \$ _____
<input type="checkbox"/> GP-15 Private Residential Construction in Wetlands ¹		\$ 750 +
<input type="checkbox"/> Temporary Disturbance (\$400/0.1ac)	_____ acres x \$4,000 =	\$ _____ +
<input type="checkbox"/> Permanent Disturbance (\$800/0.1ac)	_____ acres x \$8,000 =	\$ _____ = \$ _____
GP(s) FEE subtotal (b)		\$ _____

	Applicant Entry	DEP Use Only
2. Location Map (USGS quad map) with project site marked:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Color Photographs with dates, locations, and descriptions: <input type="checkbox"/> GP-3 <input checked="" type="checkbox"/> GP-11 <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project Description: (Example: Linear pipeline project using multiple GP-5's and GP-8's; One GP-7 for an access road to my property) Improvements project for an existing Water Pollution Control Plant. The existing facility is within the Shenango River 100-year flood plain. _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Site Specific and/or Standard Drawings are (required for all) project's GP activities. For Activities that qualify for GP-7 or GP-11 Plans, specifications, and reports for bridges and culverts across a stream which are to be used by the general public such as an access to an industrial, commercial or residential development, etc., shall be prepared by a registered professional engineer and shall be affixed with their seal and certification which shall read as follows on the drawings: If the project includes a bridge or culvert replacement or the proposed work will change the waterway opening, please complete and provide the <u>Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening (3150-PM-BWEW0552B)</u> worksheet. If the project consists of similar work (replacement or change in waterway opening) on more than one structure, provide the data requested for each structure included in this Registration package. <i>"I (name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications, and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Proposed Project Purpose depicting the site of the projects GP activities and impacts. Briefly discuss the need for the authorization.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Erosion & Sediment Control Plan (E&S Plan) (Required for all GP's but specifically required with submission with a registration of GP-11 or GP's for oil and gas related activities submitted to DEP.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Pennsylvania Natural Diversity Inventory (PNDI): PNDI Search Receipt and clearance letters, if available. See additional requirements for submission with Avoidance Measures and/or Potential Impacts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Activities which impact wetlands: (For State Regulated Impacts) Please place an "X" next to the appropriate box indicating the information provided: <ul style="list-style-type: none"> ➤ N/A because no wetland impacts are proposed or no compensatory mitigation is necessary. <input type="checkbox"/> ➤ A wetland delineation with complete data sheets in accordance with the 1987 Corps of Engineers Wetland Delineation Manual AND the appropriate Regional Supplements to the Corps of Engineers Wetland Delineation Manual for use in Pennsylvania. <input checked="" type="checkbox"/> ➤ If direct or indirect wetland impacts are greater than 0.05 acre, a compensatory mitigation plan in accordance with the Department's Replacement criteria which provides compensation for both affected acreage, and functions at a minimum of one to one ratio. <input type="checkbox"/> ➤ If compensatory mitigation onsite is determined not feasible: A check, number _____, in the amount of \$ _____ payable to the National Fish and Wildlife Foundation, N.A. 1237, as compensatory mitigation for _____ acres of impact in wetlands, in accordance with the Pennsylvania Wetland Replacement Project. <input type="checkbox"/> <p style="text-align: center;">(Additional Mitigation May Be Required by U.S. Army Corps)</p>	<input type="checkbox"/>	<input type="checkbox"/>

Applicant's Name / Client Jamestown

AQUATIC RESOURCE IMPACT TABLE
FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION / REGISTRATION

Project / Site Name: Water Pollution Control Plan

Water Pollution Control Plan

Project Information

Date: October 15, 2018

PADep / 105

PADep Permit Number	Single Complete Crossing No.	Crossing Number	Fee	Structure / Activity Identifier	Aquatic Resource Type	Latitude dd mm's	Longitude dd mm's	Waters Name	PA Code Chapter 33 Designation	Work Proposed	DEP Impact Type / perm	Watercourse		Floodway		Wetland Impact Dimension Length and Width in feet	
												Impact Top of Bank Length and Width in feet	Impact Top of Bank Length and Width in feet	Impact Top of Bank Length and Width in feet	Impact Top of Bank Length and Width in feet		
			N/A	GP-11	Perennial	412859	802625	Sherango	WW/F	excavation	temp	N/A -	-	-	230 - 200	N/A -	-
			N/A	GP-11	Wetland	412859	802623	Sherango	WW/F	excavation	temp	N/A -	-	-	N/A -	N/A -	130 - 20
			N/A	GP-11	Wetland	412859	802623	Sherango	WW/F	excavation	perm	N/A -	-	-	N/A -	N/A -	45 - 30
													-	-			-
													-	-			-
													-	-			-
													-	-			-

PADep Impact Type: temporary or permanent.

Permanent Impacts are those areas affected by a water obstruction or encroachment that consist of both direct and indirect impacts that result from the placement or construction of a water obstruction or encroachment and include areas necessary for the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water.

Temporary Impacts are those areas affected during the construction of a water obstruction or encroachment that consists of both direct and indirect impacts located in, along or across, or projecting into a watercourse, floodway or body of water that are restored upon completion of construction. This does not include areas that will be maintained as a result of the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water (these are considered permanent impacts).

SECTION F: CERTIFICATION

I certify under penalty of law that the information provided in this permit registration is true and correct to the best of my knowledge and information and that I possess the authority to undertake the proposed action. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (If any of the information and/or plans is found to be in error, falsified, and/or incomplete, this authorization/verification may be subject to modification, suspension, or revocation in accordance with applicable regulations.) I further certify that this project complies with all the conditions of the general permit.

W. Douglas McElhane
Signature of Applicant / Owner

11/12/18
Date

W. Douglas McElhane
Typed / Printed Name

Authority Chairman
Typed / Printed Title

This General Permit shall not be effective until the owner has had their E&S Plan reviewed by the appropriate Regional Office or District, and, where required, obtained an SLLA from DEP.

THIS ACKNOWLEDGED COPY OF THIS GENERAL PERMIT REGISTRATION PACKAGE AND THE E&S PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.

SECTION G: DECISION / DISPOSITION – COMPLETED BY DEP

Decision Review:

[Signature]
DEP / District Reviewer Signature

GP 1143 06218-001

KARL GROSS
Reviewer's Typed / Printed Name

GP _____

NOTE: See Aquatic Resource Impact Table for any additional authorizations.

Disposition Status

Comments

- ACKNOWLEDGED** Date 5/2/2019
- SLLA Required Yes Attached No
- INCOMPLETE / DEFICIENCY** Date _____
- EXTENSION REQUEST** Date _____
- WITHDRAWN** Date _____

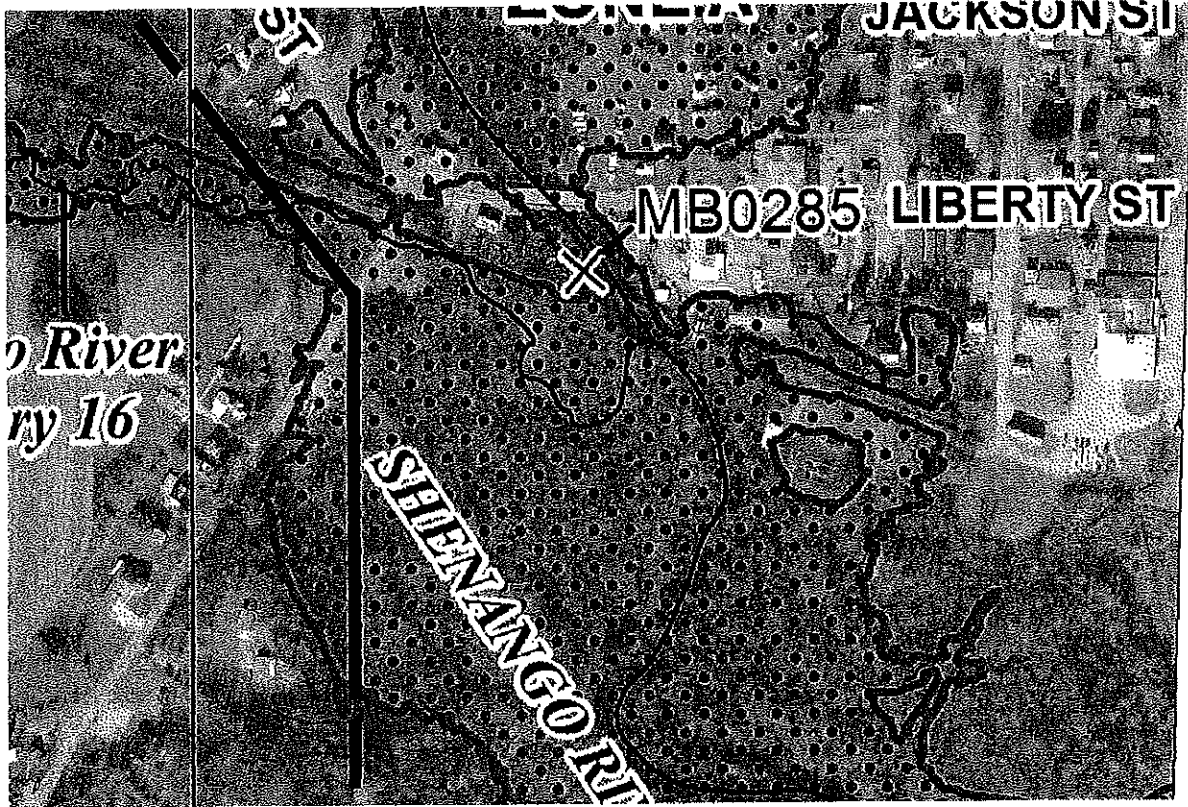
DEP CONTACT: PETE SCHUSTER: pschuster@pa.gov
DON LOITMAN: dloitman@pa.gov

NOTE: If the GP registration information is incomplete a copy of this registration form and requested additional information will be sent to the applicant. A copy of the returned registration form and additional information must be re-submitted within 60 calendar days unless extended by the extension date listed above.

FEDERAL AUTHORIZATION

- Non-reporting PASPGP verification / authorization attached.
 Reporting – A copy of this General Permit registration package has been sent to the U.S. Army Corps of Engineers. Separate federal authorization may be required

NOTE: Please be advised that if the reporting box is checked you do not have Federal authorization for this project and such authorization may be required prior to starting your project. In accordance with Section 404 of the Clean Water Act, a Department of the Army authorization is required for the discharge of dredged and/or fill material into waters of the United States, including jurisdictional wetlands. Section 10 of the Rivers and Harbors Act also requires Department of the Army authorization for any work in, over, or under a navigable water of the United States. In accordance with procedures established with the U.S. Army Corps of Engineers, you will be contacted directly by the Corps regarding Federal Authorization.



PASPGP-5 PERMIT COMPLIANCE, SELF-CERTIFICATION FORM

Project Name: Water Pollution Control Plant & Liberty Street Pump Station Improvements Project County: Mercer
 PADEP Permit No: GP114306218-001 Date of Issuance: May 2, 2019
 Corps Permit Number: _____ Date of Issuance: _____

In accordance with the compliance certification condition of your PASPGP-5 authorization, you are required to complete and sign this certification form and return it to the appropriate Corps of Engineers District in which the work is located. This can be done either by mailing to the below address, or through electronic submission to the e-mail address below.

- U.S. Army Corps of Engineers Philadelphia District Regulatory Branch Wanamaker Building 100 Penn Square East Philadelphia, PA 19107-3390
 or
NAPREGULATORY@usace.army.mil
- U.S. Army Corps of Engineers Baltimore District 1631 South Atherton Street Suite 101 State College, PA 16801-6260
 or
NAB-Regulatory@usace.army.mil
- U.S. Army Corps of Engineers Pittsburgh District Regulatory Branch Federal Building, 20th Floor 1000 Liberty Avenue Pittsburgh, PA 15222-4186
 or
Regulatory.permits@usace.army.mil

Please note that the permitted activity is subject to compliance inspections by U.S. Army Corps of Engineers representatives. As a condition of this permit, failure to return this notification form, provide the required information below, or to perform the authorized work in compliance with the permit, can result in suspension, modification or revocation of your authorization in accordance with 33 CFR Part 325.7 and/or administrative, civil, and/or criminal penalties, in accordance with 33 CFR part 326.

Please provide the following information:

- Date authorized work commenced: _____
- Date authorized work completed: _____
- Was all work, including any required mitigation, completed in accordance with your PASPGP-5 authorization?
 YES NO
- Explain any deviations (use additional sheets if necessary)

- Was compensatory wetland/stream mitigation accomplished through an approved Mitigation Bank and/or In-Lieu fee program?
 YES NO (if YES, attach proof of transaction, if NO complete Number 6 and 7 below).
- Was permittee compensatory wetland and/or stream mitigation required? YES NO If YES, was the required compensatory mitigation completed in accordance with the permit and mitigation plan requirements? YES NO
- Attach labeled color photographs showing completed work including any mitigation area(s).

I hereby certify that, except as noted above, that all work, including mitigation, has been completed in accordance with the terms and conditions, including special conditions of the above referenced permit.

(Permittee Signature): _____ (Telephone Number): _____
 (Address): _____ (Email): _____

PENNSYLVANIA STATE PROGRAMMATIC GENERAL PERMIT – 5
(PASPGP-5)
July 1, 2018
Revised July 30, 2018

Please note: the full text of the PASPGP-5 may be viewed on the Baltimore District web site at <http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx> or by calling the Corps at 814-235-0570

Permittee: Jamestown Municipal Authority
Date of PASPGP-5 Verification: May 2, 2019
State Authorization(s): GP114306218-001

Corps District:

Philadelphia
U.S. Army Corps of Engineers,
Philadelphia District
Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390

Baltimore
U.S. Army Corps of Engineers,
Baltimore District
Regulatory Branch
1631 South Atherton Street
Suite 101
State College, PA 16801-6260

Pittsburgh
U.S. Army Corps of Engineers,
Pittsburgh District
Regulatory Branch
Federal Building, 20th floor
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

It has been determined that your proposed project, which includes the discharge of dredged and/or fill material and/or the placement of structures into waters of the United States, including wetlands, qualifies for Federal authorization under the provisions of Section 404 of the Clean Water Act and /or Section 10 of the River and Harbor Act of 1899, under the terms and conditions of the PASPGP-5.

All activities authorized under PASPGP-5 must comply with all conditions of the authorization, including General, Procedural, and Special Conditions. Failure to comply with all the conditions of the authorization, including project special conditions, will constitute a permit violation and may be subject to criminal, civil, or administrative penalties, and /or restoration.

The authorized activity must be performed in compliance with the following General Conditions to be authorized under PASPGP-5:

General Conditions:

1. **Permit Conditions:** The permittee shall comply with all terms and conditions set forth in the PADEP authorization, including all conditions of the State Water Quality Certification as required by Section 401 of the CWA, and any subsequent amendments or modifications to such authorizations. The permittee shall conduct all work and activities in strict compliance with all approved maps, plans, profiles, and specifications used by PADEP and/or the Corps in issuing their authorization/verification.
2. **Aquatic Life Movements:** No activity may substantially disrupt the movement of those species of aquatic life indigenous to the waterbody, including those species which normally migrate through the area, unless the activity's primary purpose is to impound water. Culverts placed in streams must be appropriately depressed to maintain aquatic life movement and low flow conditions.
3. **Threatened and Endangered Species:** By signing the PNDI receipt, the permittee has agreed to comply with all avoidance measures identified by the PNDI receipt. As such, those avoidance

measures associated with Federally-listed threatened or endangered species are a condition of the PASPGP-5 verification, unless modified by the Corps.

If an activity is verified under the PASPGP-5, and a Federally-listed threatened or endangered species, or proposed species, is subsequently found to be present, all work must cease, and the Corps and USFWS (or NMFS) must be notified. The PASPGP-5 verification is suspended and will not be re-issued until consultation pursuant to Section 7 of the ESA is concluded and adverse effects to Federally-listed threatened, endangered and proposed species are avoided.

Furthermore, persons have an independent responsibility under Section 9 of the ESA to not engage in any activity that could result in the "take" of a Federally-listed species.

4. **Spawning Areas:** The permittee shall comply with all time-of-year-restrictions associated with spawning areas as set forth by the PFBC or other designated agency. Discharges or structures in spawning or nursery areas shall not occur during spawning seasons, unless written approval is obtained from the PFBC or other designated agency. In addition, work in areas used for other time sensitive life span activities of fish and wildlife (such as hibernation or migration) may necessitate the use of seasonal restrictions for avoidance of adverse impacts to vulnerable species. Impacts to these areas shall be avoided or minimized to the maximum extent practicable during all other times of the year.
5. **Migratory Bird Breeding Areas:** Activities in waters of the United States, including jurisdictional wetlands, that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable. Recommendations pertaining to the conservation of migratory birds can be found at the following USFWS web site: <http://www.fws.gov/northeast/pafo/>
6. **Shellfish Production:** No discharge of dredged and/or fill material and/or the placement of structures may occur in areas of concentrated shellfish production, unless the discharge is directly related to an authorized shellfish harvesting activity.
7. **Adverse Effects From Impoundment:** If the activity, including the discharge of dredged and/or fill material or the placement of a structure, creates an impoundment of water, the adverse effects on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow, including impacts to wetlands, shall be minimized to the maximum extent practicable.
8. **Obstruction of High Flows:** To the maximum extent practicable, the activity must be designed to maintain pre-construction downstream flow conditions (i.e., location, capacity, and flow rates). Furthermore, the activity must not permanently restrict or impede the passage of normal or expected high flows (unless the primary purpose of the fill is to impound waters), and the structure or discharge of dredged and/or fill material shall be designed to withstand expected high flows.
9. **Erosion and Sediment Controls:** During construction, appropriate erosion and sedimentation controls must be used and maintained in effective operating condition in accordance with State regulations. All disturbed soil and other fill material must be permanently stabilized.
10. **Suitable Material:** No activities, including discharges of dredged and/or fill material or the placement of structures, may consist of unsuitable material (i.e., asphalt, trash, debris, car bodies, etc.). No material discharged shall contain toxic pollutants in amounts that would violate the effluent limitation standards of § 307 of the CWA.
11. **Temporary Fill:** Temporary fill (i.e., access roads and cofferdams) in waters and/or wetlands verified by the PASPGP-5 shall be properly constructed and stabilized during use to prevent erosion and accretion. Temporary fill in wetlands shall be placed on geotextile fabric laid on existing wetland grade, unless such requirement is specifically waived by the Corps. Whenever possible, rubber or wooden mats should be used for equipment access through wetlands to the project area. Temporary fills shall be removed, in their entirety, to an upland site, and suitably contained to prevent erosion and transport to a waterway or wetland. Temporary fill areas shall be

restored to their preconstruction contours, elevations, and hydrology, and revegetated with a wetland seed mix that contains non-invasive, native species, as soon as practicable.

12. **Equipment Working in Wetlands:** Measures must be taken to minimize soil disturbance when heavy equipment is used in wetlands. These measures include, but are not limited to, avoiding the use of such equipment, use of timber mats or geotextile fabric, and use of low pressure tire vehicles.
13. **Installation and Maintenance:** Any structure or fill verified shall be properly installed and maintained to ensure public safety.
14. **PASPGP-5 Authorization:**
 - a. The PASPGP-5 expires June 30, 2021, unless suspended or revoked.
 - b. Verifications of PASPGP-5 expire June 30, 2021, unless the PASPGP-5 permit is suspended, revoked, or the PADEP authorization expires, whichever date occurs sooner. Activities authorized under the PASPGP-5 that have commenced construction or are under contract to commence construction will remain authorized provided the activity is completed within 12 month of the date of the PASPGP-5's expiration, modification, or revocation; or until the expiration date of the project specific verification, whichever is sooner.
15. **One-Time Use:** A PASPGP-5 verification is valid to construct the project, or perform the activity, one time only, except for PASPGP-5 verification specifically issued for reoccurring maintenance activities.
16. **Water Supply Intakes:** No activity, including discharges of dredged and/or fill material and/or placement of structures, may occur in the proximity of a public water supply intake and adversely impact the public water supply.
17. **Cultural Resources:** For all activities verified under a PASPGP-5, upon the unanticipated discovery of any previously unknown historic properties (historic or archeological), all work must cease and the permittee must notify the SHPO and the Corps of Engineers. The Corps will contact the Tribes they routinely consult with within 24 hours in accordance with each District's tribal Consultation process. The PASPGP-5 verification is not valid until it is determined, through the Section 106 consultation process, whether the activity will have an effect on the historic property. The PASPGP-5 may be re-verified and special conditions added if necessary, after an effects determination on historic properties and/or Tribal resource is made, in consultation with the SHPO, the Tribes and other interested parties. The PASPGP-5 verification may be modified and/or rescinded for the specific activity if an adverse effect on the historic property cannot be avoided, minimized, or mitigated.
18. **Tribal Rights:** No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting grounds.
19. **Corps Civil Works Projects:** The PASPGP-5 does not authorize any work which will interfere with an existing or proposed Corps Civil Works project (i.e., flood control projects, dams, reservoirs, and navigation projects), unless specifically waived by the Corps in writing.
20. **Navigation:** No activity verified under PASPGP-5 may cause more than minimal adverse effect on navigation. No attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein. In addition, activities that require temporary causeways that prohibit continued navigational use of a waterway (i.e., temporary causeways extending greater than ¾ the width across the waterway) shall be removed in their entirety upon completion of their use. Any safety lights and signals prescribed by the U.S. Coast Guard, through regulation or otherwise, must be installed and maintained at the permittee's

expense on authorized facilities in navigable waters of the United States. The permittee understands and agrees that, if further operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

21. **Inspections:** The permittee shall allow a District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to ensure that the work is being performed in accordance with all the terms and conditions of the PASPGP-5. The District Engineer may also require post-construction engineering drawings (as-built plans) for completed work.
22. **PASPGP-5 Permit Compliance Self Certification Form:** A Self Certification Form, will be forwarded to each permittee with a PASPGP-5 verification. Every permittee, who receives a written PASPGP-5 verification, shall submit a signed Self Certification Form upon completion of the verified work and required mitigation, to the appropriate Corps District.
23. **Monitoring of Temporary Wetland Impacts:** For all temporary wetland impacts greater than 0.10 acre per Single and Complete Project, a monitoring report using the standard monitoring form (including preconstruction photographs as described on the monitoring form) will be submitted to the Corps, unless this requirement is specifically waived by the Corps in writing, or such monitoring is superseded by more stringent monitoring required by the Corps as a Special Condition of a PASPGP-5 verification. To obtain a waiver from the Corps the applicant must contact the appropriate Corps district with a written request to be relieved of the monitoring requirement. Such request shall include the state authorization, and the Corps permit numbers if known, and a rationale as to why the monitoring should not be required.

The permittee shall inspect the subject areas within 7 days after restoration of the temporary impact is completed, and again at the end of the first full growing season (no later than October 31) after the site has been restored. The standard monitoring form is available on the Baltimore District web site at:

<http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx> or by contacting the applicable Corps District office. When more than one temporary wetland impact is authorized as part of a Single and Complete Project, separate monitoring forms shall be filled out for each temporarily impacted wetland.

The completed report shall be submitted to the appropriate Corps District within two weeks of the final inspection of the temporarily impacted wetland. If the initial monitoring event reveals that the temporarily impacted area is not restored to preconstruction contours, the permittee shall take corrective measures to return the area back to preconstruction grades. The permittee shall document the actions taken to restore the area back to preconstruction grades on the monitoring form.

This condition is not applicable to any project authorized as a grandfathered PASPGP-4 (see Part IV A. 30. "Grandfathered Activities")

24. **Permit Modifications:** Any proposed modification of a verified Single and Complete Project that results in a change in the verified impact to, or use of waters of the United States, including jurisdictional wetlands, must be approved by PADEP. Corps approval is also required if the Single and Complete Project had been previously reviewed by the Corps, or if the proposed modification is a reporting activity under PASPGP-5. Project modifications that cause a Single and Complete Project to exceed 1.0 acre of waters of the United States, including jurisdictional wetlands, or greater than 1,000 linear feet of permanent stream loss will not be eligible for PASPGP-5 and will be forwarded to the Corps for review.

25. **Recorded Conservation Instruments:** As per Part IV.A.28 and Part IV.B.9 of this permit, proposed Draft Conservation Instruments may be submitted by the applicant as part of the permit application package for review and approval. When such proposed Conservation Instruments are submitted by the applicant, proof of the recorded deed restriction, conservation easement, or deed restricted open space area shall be forwarded to the appropriate Corps District and appropriate PADEP offices, prior to the initiation of any permitted work, unless specifically waived by the Corps in writing. Conservation Instrument templates can be found at:
<http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx>
26. **Property Rights:** The PASPGP-5 does not obviate the need to obtain other Federal, state, or local authorizations required by law, nor does the permit grant any property rights or exclusive privileges, or authorize any injury to the property or rights of others.
27. **Navigable Waters of the United States (Section 10 Waters):**
- a. The PASPGP-5 may be used to authorize work in the following navigable waters of the United States:
- i. Codorus Creek – from the confluence with the Susquehanna River 11.4 miles upstream to the Richland Avenue Bridge in York, Pennsylvania;
 - ii. Main Stem Susquehanna River – from the confluence with the Chesapeake Bay upstream to Athens, Pennsylvania (approximately 4 miles south from the New York State line);
 - iii. West Branch of the Susquehanna River – from the confluence with the main stem Susquehanna River upstream to the dam at Lock Haven, Pennsylvania;
 - iv. Chester Creek – from the confluence with the Delaware River 2 miles upstream;
 - v. Crum Creek – from the confluence with the Delaware River 1 mile upstream to the upstream side of the Dam at Eddystone;
 - vi. Darby Creek – from the confluence with the Delaware River 5 miles upstream to the upstream side of the 84th Street Bridge in Philadelphia, Pennsylvania;
 - vii. Delaware River – from U.S. Route 202 Bridged in New Hope, Pennsylvania, including the West Branch of the Delaware River, upstream to the Pennsylvania/New York border at the 42nd parallel;
 - viii. Lehigh River – from the confluence with the Delaware River 72 miles upstream to the downstream side of the PA Route 940 Bridge;
 - ix. Neshaminy Creek – the confluence with the Delaware River, including Neshaminy State Park Harbor Project at the mouth of Neshaminy Creek, 4 miles upstream to the downstream side of the Newportville Bridge;
 - x. Pennypack Creek – from the confluence with the Delaware River 2 miles upstream to the downstream side of the Frankford Avenue Bridge in Philadelphia, Pennsylvania;
 - xi. Ridley Creek – from the confluence with the Delaware River 1 mile upstream to the upstream side of the Baltimore and Ohio Railroad Bridge in Chester, Pennsylvania;
 - xii. Schuylkill River – from the Fairmont Dam, 104 miles upstream to Port Carbon, Pennsylvania;

- xiii. Schuylkill Navigation Channel (Manayunk Canal) – along the Schuylkill River for 2 miles from the Flat Rock Dam to Lock Street in the Manayunk Section of Philadelphia, Pennsylvania;
 - xiv. Delaware Canal;
 - xv. Lehigh Canal; and
 - xvi. All other waters not specifically exempted in the PASPGP-5, Part III, A, 5, that are subject to the ebb and flow of the tide. Such waters are considered navigable waters of the United States to the head of tidal influence.
- b. In addition to the other general conditions, the following conditions are applicable for navigable waters of the United States eligible for PASPGP-5.
- i. For aerial transmission lines, the following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These clearances are related to the clearances over the navigable channel provided by the existing fixed bridges, or the clearances which would be required by the United States Coast Guard (USCG) for new fixed bridges, in the vicinity of the proposed aerial transmission line. These clearances are based on the low point of the line under conditions producing the greatest sag, taking into consideration temperature, load, wind, length of span, and type of supports as outlines in the National Electric Safety Code:

Nominal System Voltage (kV)	Minimum Additional Clearance (ft.) Above Clearance Required for Bridges
115 and below	20
138	22
161	24
230	26
350	30
500	35
700	42
750-765	45

- a. Clearances for communication lines, stream gauging cables, ferry cables, and other aerial crossings must be a minimum of ten feet above clearances required for bridges, unless specifically authorized otherwise by the District Engineer.
 - b. Corps of Engineers regulation ER 1110-2-4401 prescribes minimum vertical clearances for power communication lines over Corps lake projects. In instances where both regulation and ER 1110-2-4401 apply, the greater minimum clearance is required.
- ii. Encasement: The top of the cable, encasement, or pipeline shall be located a minimum of three feet below the existing bottom elevation of the streambed and shall be backfilled with suitable heavy material to the preconstruction bottom elevation. Where the cable, encasement, or pipeline is placed in rock, a minimum depth of one foot from the lowest point in the natural contour of the streambed shall be maintained. When crossing a maintained navigation channel, the requirements are a minimum of eight feet between the top of the cable, encasement, or pipeline and the authorized depth of the navigation channel. For maintained navigational channels, where the utility line is placed in rock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained.

- iii. **As-Built Drawings:** Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), where the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the MHWL at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.
 - iv. **Aids to Navigation:** The permittee must prepare and provide for USCG approval, a Private Aids to Navigation Application (CG-2554). The form can be found at: http://www.uscg.mil/forms/cg/CG_2554.pdf. Within 30 days of the date of receipt of the USCG approval, the permittee must provide a copy to the applicable Corps District.
28. **PADEP Waiver:** If the Corps determines a specific activity, which is eligible for a PADEP Non-reporting Waiver, has a significant adverse impact on life, property or important aquatic resources, the Corps may require the owner to modify the activity to eliminate the adverse condition or to obtain an Individual Permit.
29. **Corps Water Releases:** For projects located downstream of a Corps dam, the permittee should contact the appropriate Corps of Engineers, Area Engineer Office, to obtain information on potential water releases and to provide contact information for notification of unscheduled water releases. It is recommended that no in-water work be performed during periods of high water flow velocities. Any work performed at the project site is at the permittee's own risk.
30. **State Authorization:** The activity must receive State authorization. For the purpose of this requirement, any one of the following would be considered as a State authorization:
- a. A PADEP Chapter 105 Water Obstruction and Encroachment Permit, including PADEP approved Environmental Assessment pursuant to 25 Pa. Code § 105.15; or
 - b. A PADEP GP issued pursuant to 25 Pa. Code § §105.441-105.449; or
 - c. A PADEP approved Environmental Assessment for activities not otherwise requiring a PADEP permit pursuant to 25 Pa. Code § 105.12; or
 - d. A State Water Quality Certification issued by PADEP consistent with Section 401 of the CWA for activities which qualify for waiver of PADEP permit requirement per 25 Pa. Code §105.12; or
 - e. A PADEP Dam Permit, including maintenance or repairs of existing authorized dams, including maintenance dredging; or
 - f. A PADEP Emergency Permit issued pursuant to 25 Pa. Code § 105.64; or
 - g. A PADEP permit for the construction of a bridge or culvert (including bridges and culverts authorized by PADEP prior to implementations of the PASGP-1 in March 1995), which allows for maintenance activities of bridges and culvert; or
 - h. A PADEP Chapter 105 Dam Safety and Encroachment Enforcement Action; or

- i. A programmatic/project specific State Water Quality Certification issued by PADEP consistent with Section 401 of the CWA where no other State authorization, as listed above, is required.
31. **Other Authorizations:** Additional Federal, State, and/or local authorizations or approvals may be required and where applicable must be secured by the applicant, prior to initiating any discharge of dredged and/or fill material, and/or the placement of structures into waters of the United States, including jurisdictional wetlands. These approvals include, but are not limited to:
 - a. A State Water Quality Certification issued by PADEP consistent with Section 401 of the CWA;
 - b. A Consistency Determination issued by PADEP pursuant to Section 307 of the Federal Coastal Zone Management Act for activities located within the designated Coastal Zone Management Area; and
 - c. Fills within the 100-year floodplains. This activity must comply with applicable FEMA approved State or local floodplain management requirements.
32. **Federal Liability:** In issuing this permit, the Federal Government does not assume any liability for the following:
 - a. Damages to permitted project or users, thereof, as a result of other permitted or unpermitted activities or from natural causes;
 - b. Damages to the permitted project or uses, thereof, as a result of current or future activities undertaken by or on behalf of the United States in the public interest;
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit;
 - d. Design or construction deficiencies associated with the permitted work; and
 - e. Damage claims associated with any future modification, suspension, or revocation of the PASPGP-5.
33. **False and Incomplete Information:** The Corps may modify or rescind a previously issued project specific verification, if determined that the original verification was issued based on false, incomplete and/or inaccurate information; or other information becomes available whereby such action is necessary to ensure compliance with other federal laws and regulations.
34. **Essential Fish Habitat:** No work can take place in the following waterways from March 15th to June 30th unless approved in writing by the Corps. Questions on the applicability of this condition should be directed to the Corps of Engineers, Philadelphia District.
 - a. Delaware River (within Pennsylvania, upstream from the U.S. Route 202 Bridge in New Hope, Pennsylvania,); and
 - b. Lehigh River (from the mouth to Francis E. Walter Dam, located in Carbon and Luzerne County, Pennsylvania)
35. **Conservation Measures for Atlantic and Shortnose Sturgeon:** All work proposed in the following listed waters must comply with the below Conservation Measures, unless specifically waived by the Corps in writing. Questions on the applicability of this condition should be directed to the Corps of Engineers, Philadelphia District.

Waterway	Action Area (From Point Specified to the Confluence with the Delaware River)	Latitude	Longitude
Marcus Hook Creek	US Route 13 Bridge	39.822054	-75.409873
Stoney Creek	US Route 13 Bridge	39.828408	-75.400953
Chester Creek	Kerlin Street Bridge	39.855846	-75.37641
Ridley Creek	McDade Boulevard	39.869522	-75.356692
Crum Creek	US Route 13 Bridge	39.866799	-75.340677
Darby Creek	Pine Street Bridge	39.914006	-75.259994
Frankford Creek	Frankford Avenue/US 13 Bridge	40.005314	-75.070173
Frankford Creek (Original Mouth)	End of Channel	40.004912	-75.070173
Pennypack Creek	Route 13 Bridge	40.043421	-75.020638
Poquessing Creek	Mill Road Bridge	40.043421	-75.982076
Neshaminy Creek	Rapids just below Hulmeville Road Bridge (SR 513), Bucks County	40.141393	-74.911899
Unnamed Tributary 1, located in Croydon, PA	River Road crossing	40.085774	-74.8856
Otter/Mill Creek	US 13 (Bristol Pike) Bridge	40.100424	-74.866976
Unnamed Tributary 2, located in Bristol, PA	Wood Street Bridge	40.102044	-74.845682
Martins Creek	Main Street (Tulleytown)	40.141975	-74.812026
Scott's Creek	End of creek	40.12921	-74.793879
Scott's Creek Relocated Channel, located at Money Island, Bucks County, PA	First culvert crossing	40.125578	-74.776886
Non-Tidal Tributaries			
Buck Creek	Delaware Canal	40.243699	-74.838279
Dyers Creek	Delaware Canal	40.267098	-74.858495
Houghs Creek	Delaware Canal	40.28148	-74.865783
Jericho Creek	Delaware Canal	40.313984	-74.902899
Pidcock Creek	Delaware Canal	40.331508	-74.935788


Conservation Measures:

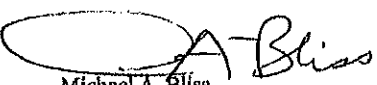
- a. No work shall occur from March 15 to November 15, of any given year.
- b. All Dredging shall be performed by a mechanical dredge and/or techniques (clamshell bucket etc.).
- c. All work, including the installation of turbidity curtains and dewatering cofferdams, shall be performed during low tide or when the tide is waterward of the proposed work in all tidal waterbodies listed, or during periods of low or no flow in the non-tidal waterbodies listed.
- d. Blasting is not authorized by the PASPGP-5 within the listed waterbodies.
- e. Pile Driving:
 - i. Piles shall not be greater than 12 inches in diameter;
 - ii. Piles shall be installed using a vibratory hammer or an impact hammer provided noise attenuation devices (cushion blocks, etc.) are used, and a "soft start" is performed each day of pile driving. A "soft start" is the building up of power slowly during pile driving activities to allow for fish and other wildlife to leave the area; and
 - iii. Pile driving activities shall be limited to no more than 12 hours per day.

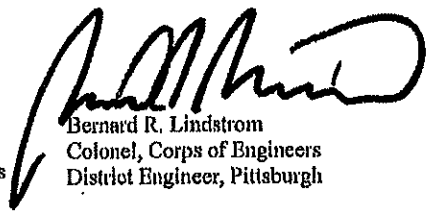
Any activity that cannot meet these conditions will be sent to the Corps as a Reporting Activity at which time the Corps will conduct project specific Section 7 Endangered Species Act consultation with NMFS.

36. **Migratory Birds and Bald and Golden Eagles:** The permittee is responsible for obtaining any "take" permits required under the U.S. Fish and Wildlife Service's regulation governing compliance with the Migratory Bird Treaty Act or the Bald and Golden Eagle Protection Act. The permittee should contact the appropriate local office of the U.S. Fish and Wildlife Service to determine if such "take" permits are required for a particular activity. Information on the conservation of migratory birds and Bald and Golden Eagles can be found at the following USFWS web site: <http://www.fws.gov/northeast/pafo/>

By Authority of the Secretary of the Army:


Edward P. Chamberlayne
Colonel, Corps of Engineers
District Engineer, Baltimore


Michael A. Bliss
Lieutenant Colonel, Corps of Engineers
District Engineer, Philadelphia


Bernard R. Lindstrom
Colonel, Corps of Engineers
District Engineer, Pittsburgh

PASPGP-5 Wetland Monitoring Report for Temporary Impacts

Data collection is required prior to commencement of construction; seven days post construction; and one full growing season (no later than October 31) after construction is completed. This form should be used to document all three data collections/monitoring events and then sent to the appropriate U.S. Army Corps office (address at bottom) after all data has been completed. A separate form should be used for each impact location.

Permittee Name:		Project Name:	
Corps Permit No. (if Known):	Date of Corps Authorization:	PADEP Authorization /Registration No.:	
Lat/Long:	Date Authorized Temporary Wetland Impacts were Removed:	Township/County:	

Pre-Construction Information for Wetland Impact Area:

Date of Preconstruction Photographs:

Attach dated representative color photographs of each wetland impact area to the completed monitoring report. The photographs should depict the entire area of the proposed temporary impact. NOTE: Post construction photos should be taken at the same locations and orientations.

Post-Construction Seven-day Monitoring Information:

Date of Monitoring:

Attach dated representative color photographs of each wetland impact area, taken with the same orientation and location(s) as the preconstruction photographs, to the completed monitoring report. Additional photographs should also be provided that allow for a comparison of the elevation and contours of the restored area to adjacent undisturbed areas.

Has all excess material been removed and the temporarily impacted wetland area restored to preconstruction elevations/contours? Yes No Unknown

If not, explain why and what remedial work was completed to return area to preconstruction elevations/contours:

Post-Construction One Full Growing Season Monitoring Information (monitor no later than October 31):

Date of Monitoring:

Attach dated representative color photographs of each wetland impact area, taken with the same orientation and location(s) as the preconstruction photographs, to the completed monitoring report. Additional photographs should also be provided that support vegetative coverage determinations, hydrology, and presence of wetland vegetation.

What is the vegetative coverage of the restored wetland area? <25% 26%-50% 51%-75% >75%

Is the restored area Dominated (more than 50% of the areal coverage) by Wetland Vegetation? Yes No Unknown

Is the restored area inundated with water, or have saturated soils to the surface? Yes No Unknown

Does the area have wetland hydrology? Yes No Unknown

Has the area been successfully restored to a wetland area? Yes No Unknown

If not successfully restored, explain why and what remedial work was completed to return area to ensure successful restoration:

Additional Comments:

Printed Name of Preparer:	Company/Agency name, if applicable:	Date:
Signature of Preparer:		

<p>Baltimore District U.S. Army Corps of Engineers State College Field Office 1631 South Atherton Street, Suite 101 State College, Pennsylvania 16801 814-235-1763 e-mail: NAB-Regulatory@usace.army.mil</p>	<p>Philadelphia District Wanamaker Building 100 Penn Square East Regulatory Branch Philadelphia, Pennsylvania 19107-3390 215-656-6728 e-mail: NAPREGULATORY@usace.army.mil</p>	<p>Pittsburgh District William S. Moorhead Federal Building 1000 Liberty Avenue Regulatory Branch Pittsburgh, Pennsylvania 15222-4186 412-395-7155 e-mail: Regulatory.permits@usace.army.mil</p>
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