

**Application of Pennsylvania-American Water Company for Acquisition of
the Wastewater Assets of Upper Pottsgrove Township
66 Pa. C.S. § 1329
Application Filing Checklist – Water/Wastewater
Docket No. A-2020-3021460**

20. Proof of Compliance. Provide proof of compliance with applicable design, construction and operation standards of DEP or of the county health department, or both, including:
- b. For **wastewater** system acquisitions, provide copies of the water quality management and National Pollution Discharge Elimination System (NPDES) permits for the utility plant.

RESPONSE:

- b. Attached are copies of permits provided by Upper Pottsgrove as **Appendix A-20-b**. Additional wastewater permits may be identified going forward. Copies of any additional wastewater permits located will be provided.



Pennsylvania Department of Environmental Protection

2 East Main Street
Norristown, PA 19401
April 14, 2009

Southeast Regional Office

Mr. Jack Layne
Township Manager
Upper Pottsgrove Township
1409 Farmington Avenue
Pottstown, PA 19464

RECEIVED
APR 17 2009

Phone: 484-250-5970
Fax: 484-250-5971

BY:.....

Re: Upper Pottsgrove Sewers to Pottstown Borough
STP
Sewage Application No. 4609402
File Type: WQM Permits
Upper Pottsgrove Township
Montgomery County

Dear Mr. Layne:

Your permit 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.

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.

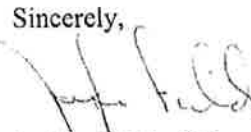
IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

Mr. Jack Layne

- 2 -

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 call Ms. Karen McDaniel at 484-251-4957.

Sincerely,


Jenifer Fields, P.E.
Regional Manager
Water Management

Enclosures

cc: Pottstown Borough
Mr. Pelka - LTL Consultants, Ltd.
Montgomery County Health Department
Operations Section
Mr. Sheckler
Re 30 (joh09wqm)063-7

3800-PM-WSWM0015 Rev. 6/2004
Permit



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**WATER QUALITY MANAGEMENT
PERMIT**

PERMIT NO. 4609402

AMENDMENT NO. _____

APS ID 684739

AUTH ID 779436

<p>A. PERMITTEE (Name and Address): Upper Pottsgrove Township 1409 Farmington Avenue Pottstown, PA 19464</p>	<p>B. PRIMARY FACILITY (Name): Upper Pottsgrove Township Sewers to Pottstown Borough STP</p>
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<p>C. LOCATION (Municipality, County): Upper Pottsgrove Township Montgomery County</p>	<p>SITE ID#: 664417</p>
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D. **This permit approves the construction and operation of sewerage facilities consisting of: the Regal Oaks Pump Station and force main that will ultimately serve 537 EDUs. This pump station and force main will be replacing the Cherry Tree Pump Station along with the Regal Oaks Wastewater Treatment Plant. Flow that was treated through the plant will be conveyed through the Regal Oaks Pump Station, into an 8-inch force main, into existing mains along Farmington Avenue, and, ultimately, reaching the Borough of Pottstown where the wastewater will be treated.**

<p>Pump Stations: Regal Oaks PS Design Capacity: 373 GPM Average Annual Flow: 134,000 GPD</p>	<p>Manure Storage: Volume _____ MG Freeboard: _____ inches</p>	<p>Industrial Wastewater/Sewage Treatment Facility: Annual Average Flow: _____ MGD Design Hydraulic Capacity: _____ MGD Design Organic Capacity: _____ lb/day</p>
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E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

- New Permits:** All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated 01/16/09, its supporting documentation, and addendums dated _____, which are hereby made a part of this permit.
Amendments: All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated _____ and its supporting documentation, and addendums dated _____, 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. _____ dated _____ shall remain in effect.
Transfers: Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are also made part of this transfer.
- Permit Conditions Relating to Sewerage** are attached and made part of this permit.
- Special Conditions numbered _____ are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

- If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
- 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.
- 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 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

<p>PERMIT ISSUED: April 14, 2009</p>	<p>BY: <u>[Signature]</u> TITLE: Water Management Program Manager</p>
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION**PERMIT CONDITIONS RELATING TO SEWERAGE**
For use in Water Quality Management Permits(Place a \checkmark in the box that applies)**General**

1. Consistent with the Department of Environmental Protection's (DEP) technical guidance document *Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities* (DEP ID: 362-2000-007) available on DEP's Web site at www.depweb.state.pa.us. DEP considers the registered 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. 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.
7. This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installed and capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of these approved facilities and notify DEP accordingly. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
8. 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.
9. 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.
10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. PA_____ and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

11. An Erosion and Sedimentation (E&S) Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.
- If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.
- In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to construction. For specific information regarding E&S control planning approval and NPDES permitting requirements, please contact your local County Conservation District office.

Appendix A-20-b

3800-PM-WSFR0015a Rev. 6/2004
Conditions Sewerage

Permit No. 4609402

- 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.
- 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (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. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.
- 14. 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.
- 15. 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

- 16. 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.
- 17. 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.
- 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.
- 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
- 20. The sewerage facilities shall be properly operated and maintained to perform as designed.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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.
- 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.
- 26. 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.

3800-PM-WSFR0179a 9/2005
Post Construction Certification



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

**WATER QUALITY MANAGEMENT
POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER	
Permittee	Upper Pottsgrove Township
Municipality	Upper Pottsgrove Township
County	Montgomery
WQM Permit No.	4609402
Facility Type	Pump station and conveyance
All of the above information should be taken directly from the Water Quality Management Permit.	
CERTIFICATION	
<p>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.</p>	
<p>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.</p>	
<p>Construction Completion Date (MM/DD/YYYY): _____</p>	
<p>7/11/08 S.H.</p>	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 _____



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428

MAY 15 1995

Southeast Regional Office

(610) 832-6130
FAX: (610) 832-6259

Sandra K. Fritz
Township Secretary
Upper Pottsgrove Township
1420 Heather Place
Pottstown, PA 19464

MAY 16 1995

Re: Sewerage Permit No. 4694427
Pine Ford Road Area Sewers
Upper Pottsgrove Township
Montgomery County

Dear Ms. Fritz:

Referenced permit is enclosed.

Please study the permit carefully and direct any questions to the Permits Section of this office.

Please take the time to complete the enclosed questionnaire and return it in the pre-addressed and stamped envelope. Your response will be taken into account as we consider ways of improving our service to the public and regulated community. Thank you for your cooperation.

Sincerely,

Charles Rehm
Acting Regional Manager
Water Management Program

Enclosures: Permit
Standard Conditions Relating to Sewerage
Standard Conditions Relating to Erosion Control

cc: Permits & Compliance
Gannett Fleming, Inc. (Mr. Finger)
Montgomery County Health Department
Re 30 (WQM.RN)



3600-PM-WQ0015 Rev. 8/94

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
WATER MANAGEMENT PROGRAM

PERMIT NO. 4694427

AMENDMENT NO. _____



WATER QUALITY MANAGEMENT PERMIT

A.	PERMITTEE (Name & Address): Upper Pottsgrove Township 1420 Heather Place Pottstown, PA 19464		
B.	PROJECT (Name, County, Municipality): Upper Pottsgrove Township Pine Ford Road Area Sewers Montgomery County		
C.	<p>THIS: <input checked="" type="checkbox"/> Permit <input type="checkbox"/> Permit Amendment</p> <p>APPROVES: <input checked="" type="checkbox"/> The construction/operation of: <input type="checkbox"/> Modifications to the construction/operation of:</p> <p> <input type="checkbox"/> Sewage Treatment Facilities <input type="checkbox"/> Industrial Waste Treatment Facilities</p> <p> <input type="checkbox"/> Land Application Facilities <input type="checkbox"/> Other: _____</p> <p> Average Design Flow of _____ MGD consisting of: _____</p> <hr/> <p> <input checked="" type="checkbox"/> Sewers and Appurtenances <input checked="" type="checkbox"/> Pump Station(s)</p> <p> <input type="checkbox"/> Impoundment(s) <input type="checkbox"/> Injection well(s)</p> <p> <input type="checkbox"/> Soil Erosion & Sedimentation Control Plan</p> <p> <input checked="" type="checkbox"/> Stream Crossing(s) <input type="checkbox"/> Outfall & Headwall(s)</p>		
D.	APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:		
	<p>1.a. All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit/Permit Amendment Application dated <u>12/13/94</u>, its supporting documentation, and addendums dated <u>02/09/95</u>. Such application, its supporting documentation and addendums are hereby made a part of this permit.</p> <p>b. Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are (except for any modifications to the original permit herein permitted) also made a part of this permit amendment.</p> <p>2. Conditions numbered <u>1-7, 9, 13, 14, 16-18, 20-22</u> of the <u>sewerage</u> standard conditions dated <u>09/02/83</u> and conditions numbered <u>1-12</u> of the erosion control standard conditions dated <u>08/91</u> are attached and made part of this permit.</p> <p>3. Special conditions numbered <u>I and II</u> are attached and made part of this permit.</p>		
E.	THIS AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:		
	<p>1. If there is a conflict between the application or its supporting documents and amendments and the standard or special conditions, the standard or special conditions shall apply.</p> <p>2. Failure to comply with the rules and regulations of the Department or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of the permit.</p> <p>3. This permit is issued pursuant to the Clean Stream Law Act of June 22, 1937, P.L. 1987 as amended 35 P.S. §691.1 et. seq. and/or the Dam Safety and Encroachments Act of November 26, 1978, P.L. 1375, as amended 32 P.S. §693.1 et. seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.</p> <p>4. Industrial Facilities - If the herein permitted facilities or modifications are not completed within two (2) years of the issue date below, this permit will become null and void and reapplication shall be required.</p>		
<table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>PERMIT ISSUED: DATE <u>5-15-95</u></p> <p>AMENDMENT ISSUED: DATE _____</p> </td> <td style="width: 50%; vertical-align: top;"> <p>DEPARTMENT OF ENVIRONMENTAL RESOURCES</p> <p>BY: <u><i>Charles Staley</i></u></p> <p>TITLE: <u>Environmental Program Manager</u></p> </td> </tr> </table>		<p>PERMIT ISSUED: DATE <u>5-15-95</u></p> <p>AMENDMENT ISSUED: DATE _____</p>	<p>DEPARTMENT OF ENVIRONMENTAL RESOURCES</p> <p>BY: <u><i>Charles Staley</i></u></p> <p>TITLE: <u>Environmental Program Manager</u></p>
<p>PERMIT ISSUED: DATE <u>5-15-95</u></p> <p>AMENDMENT ISSUED: DATE _____</p>	<p>DEPARTMENT OF ENVIRONMENTAL RESOURCES</p> <p>BY: <u><i>Charles Staley</i></u></p> <p>TITLE: <u>Environmental Program Manager</u></p>		

Sewerage Permit No. 4694427
Pine Ford Road Area Sewers
Upper Pottsgrove Township
Montgomery County

This permit is subject to the following Special Condition(s):

- I. a. The stream bed shall not be used as a roadway for moving machinery from one site to another. Temporary stream crossings must be provided for equipment that must cross the stream during construction. Any structures are to be removed and the stream bed returned to its original condition when the project is completed.
- b. Siltation control shall be provided for during construction and bank stabilization shall be undertaken by planting of grasses, shrubbery, or trees immediately after completion of each phase of the project.
- c. Trenches excavated for the installation of sewer lines shall be the minimum width necessary. As soon as the line is installed and tested to ascertain no leakage, appropriate new or previously excavated backfill material shall be placed in the trench and the area restored to its original condition and elevation and stabilized. Backfill material stored in connection with the installation must be properly retained out of the floodway so as to prevent its discharge, washings or runoff from entering the waterway prior to its placement as backfill.
- d. Adequate measures shall be used to prevent sedimentation from the trench from entering the stream.
- e. The backfilling of the trench in which the pipe will be laid shall be done so as to eliminate the formation of a permanent ridge in the stream bed.
- f. During construction activities, all public and private property including existing vegetation, landscape features and monuments within, along and adjacent to the work area, shall be protected and preserved to the maximum degree possible. This shall include, but not be limited to, precautions taken to minimize damage, erosion, injury, or destruction; prevent pollution; provide protection of all trees and other woody plants; special care being taken to protect the natural vegetation and surroundings to include all natural drainageways, ponds, lakes, swamps, woods and fields; and storage of materials in such manner to prevent leaching which would be injurious to soils and to plants. Precautions should be taken to prevent damage to pipes, conduits and other underground structures.
- g. Archaeological artifacts discovered during the performance of work must be adequately protected and their discovery promptly reported to the Director, Bureau of Historic Preservation, Historical and Museum Commission, P.O. Box 1026, Harrisburg, PA 17120.

- h. Owners shall investigate for drinking water intakes or reservoirs for public and private water supplies within five (5) miles downstream of the crossing and written notice shall be given at least ten (10) days prior to construction to operators of any such intakes or reservoirs. Owners must notify public and private water supply operators immediately and no longer than one (1) hour after an occurrence at the crossing site which results in the release of suspended solids and turbidity to the stream.
 - i. Mats, pads, or other similar devices shall be used where crossings of wetland areas by construction equipment cannot be avoided. Original grades through wetlands must be restored after trenching and backfilling. Any excess fill material must be removed from the wetland and not spread on-site. Mounding of fill material to allow for settlement in the trench will be permitted in accordance with best construction methods.
 - j. Deposition of dredged or excavated materials and all earthwork operations will be carried out in such a way as to minimize erosion of the material and preclude its entering into any wetland adjacent to the sewer line crossing.
 - k. Sewer line crossings of streams should be accomplished so that the line is at a right angle to the stream where possible, unless the crossing is installed on an existing bridge.
- II. A permit must be secured from the Pennsylvania Fish and Boat Commission in Harrisburg, if the use of explosives is required. The following P.F.C. Waterways Patrolman must be notified when the project is started, when explosives are to be used, and when the project is completed for final inspection:

Ray Bednarchik
P.O. Box 458
Shillington, PA 19607
Telephone (717) 626-0228

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

September 2, 1983

STANDARD CONDITIONS RELATING TO SEWERAGE - PART II PERMITS

For use in Water Quality Management Permits

1. During construction, no changes affecting any engineering design parameter shall be made from the plans, designs, and other data herein approved unless the permittee shall first receive written approval thereof from the Department. The sewerage facilities shall be constructed under expert engineering supervision and competent inspection.
2. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled such that the 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 injury by water, freezing, drying or other harmful conditions until cured.
3. Manhole inverts shall be so formed as to facilitate the flow of the sewage and to prevent the stranding of sewage solids, and the whole manhole structure shall have proper structural strength and be so constructed as to prevent undue infiltration, entrance of the street wash or grit, and to provide convenient and safe means of access and maintenance.
4. No stormwater from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.
5. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and on-lot sewage disposal systems on the premises of occupied structures which are accessible to public sewers and require the connection of such structures to the public sewers.
6. The herein approved sewers shall be maintained in good condition, kept free from deposits by flushing or other proper means of cleaning and repaired when necessary.
7. The permittee shall file with the Department of Environmental Resources "as-built" plans showing the correct plan of all sewers and sewerage structures as actually constructed together with any other information in connection therewith that may be required.
8. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to assure the 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 navigable stream, provided that the permittee has secured an easement, right-of-way, license, or lease from the Department in accordance with Section 15 of the Dam Safety and Encroachment Act, the Act of November 26, 1978, P.L. 1375, as amended.
9. 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 and replacement of all sewers or sewerage structures in, along or across private property, with full rights of ingress, egress and regress.
10. When the herein approved sewage treatment works is completed and before it is placed in operation, the permittee shall notify the Department in writing so that an inspection of the works may be made by a representative of the Department.
11. The various structures and apparatus of the sewage treatment works herein approved shall be maintained in proper condition so that the facility will individually and collectively perform the functions for which they were designed.
12. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise the effluent from the said works ceases to be satisfactory or the sewerage facilities shall have created a public nuisance, then upon notice by the Department, the right herein granted shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory.

DEPARTMENT OF ENVIRONMENTAL RESOURCES
STANDARD CONDITIONS RELATING TO EROSION CONTROL
For Use in Water Quality Management Permits

August 1991

1. By approval of the plans for which this permit is issued, neither the Department nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the operation of the measures and facilities to be constructed thereunder.
2. If at any time the erosion and sedimentation activities undertaken pursuant to this permit or the discharge of the effluent therefrom is causing or contributing to pollution of the waters of the Commonwealth, the permittee shall forthwith adopt such remedial measures as are acceptable to the Department.
3. This permit does not authorize any earth disturbance controlled by an ordinance enacted by a local municipality. Additional permits must be secured from local municipalities where earthmoving activities are covered by local ordinances.
4. At least seven days before earthmoving will begin, the permittee, by telephone or certified mail, shall notify the Department or its designee of the date for beginning of construction and invite the County Conservation District Representative to attend a pre-construction conference with the contractor. The permittee shall have his erosion control plan available at the site of the activity at all times.
5. All earthmoving activities shall be undertaken in the manner set forth in the erosion and sedimentation control plan identified with this permit. Revisions to the plan shall be pre-approved by the Department.
6. The erosion control measures and facilities shall be constructed under the supervision and competent inspection of an individual trained and experienced in erosion control, and in accordance with plans, designs and other data as herein approved or amended, and with the conditions of this permit. Control facilities shall be frequently inspected and maintained to insure effective control.
7. When the herein approved erosion control measures and facilities are completed, the permittee shall notify the County Conservation District so that an inspection of the measures and facilities may be made.
8. No storm water, sewage or industrial wastes not specifically approved herein, shall be admitted to the erosion and sedimentation measures and facilities for which this permit is issued, unless with the approval of the Department.
9. Sediment shall at no time be permitted to accumulate in sedimentation basins to a depth sufficient to limit storage capacity or interfere with the settling efficiency thereof. The sediment removed shall be handled and disposed of in a manner that will not create pollution problems and so that every reasonable and practical precaution is taken to prevent the said material from reaching the waters of the Commonwealth.
10. All slopes, channels, ditches or any disturbed area shall be stabilized as soon as possible after the final grade or final earthmoving has been completed. Where it is not possible to permanently stabilize a disturbed area immediately after the final earthmoving has been completed or where the activity ceases for more than 20 days, interim stabilization measures shall be implemented promptly.
11. Upon completion of the project, all areas which were disturbed by the project shall be stabilized so that accelerated erosion will be prevented. Any erosion and sedimentation control facility required or necessary to protect areas from erosion during the stabilization period shall be maintained until stabilization is completed. Upon completion of stabilization, all unnecessary or unusable control measures and facilities shall be removed, the areas shall be graded and the soils shall be stabilized.
12. The responsibility of carrying out the permit conditions shall rest with the owner, lessee, assignee or other responsible manager of earthmoving that affects the approved erosion controls. Such responsibility passes with each control succession.

4000-PM-DF00002 4/94 PERMIT APPLICATION - GENERAL INFORMATION, continued

SECTION C. SITE INFORMATION

Site Name (Name of Location on Which Project will Take Place)
 Not Applicable

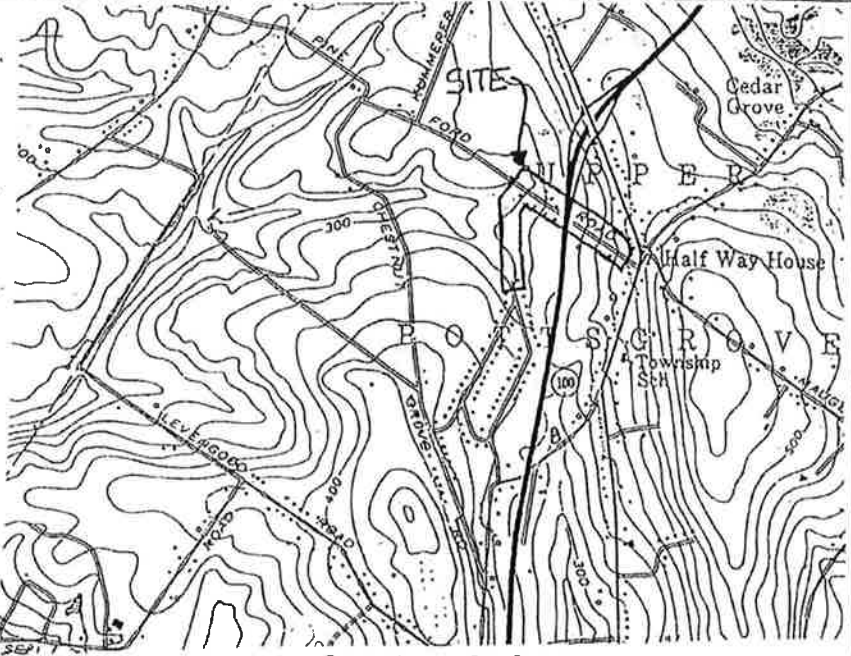
Address (Street# and Name or RR# Box # or HC#) *** PO BOX# WILL NOT BE ACCEPTED HERE ***
 Not Applicable

Boro or Twp or City Upper Pottsgrove Twp.	County Code 4 6	Boro or Twp or City	County Code
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State	Zip + FOUR	Phone # (Daytime) ()	Ext	FAX Phone # ()
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Detailed Written Directions To Site

From Pottstown:
 North on Rt. 100
 to Farmington Ave. Right
 onto Farmington Ave. to
 Pine Ford Rd. Pine Ford
 Rd. to bottom of hill.
 Pumping station site
 on left side of road.



Boyertown Quad.

SECTION D. ENVIRONMENTAL CONTACTS

APPLICANT Contact Name
 GANNETT FLEMING, INC.

APPLICANT Contact First Name Kenneth	MI F.	Last Name Finger
---	----------	---------------------

Title Project Manager	Phone # (Daytime) (610) 337 - 1550	Ext 1550	FAX # (610) 265 - 8865
--------------------------	---	-------------	-----------------------------

Mailing Address (Street# and Name or PO Box # or RR# Box # or HC#)
 650 Park Avenue

City King of Prussia,	State PA	Zip + FOUR 19406
--------------------------	-------------	---------------------

SITE Contact First Name Not Applicable	MI	Last Name
---	----	-----------

Title	Phone # (Daytime) ()	Ext	FAX # ()
-------	--------------------------	-----	--------------

Mailing Address (Street# and Name or PO Box # or RR# Box # or HC#)

City	State	Zip + FOUR
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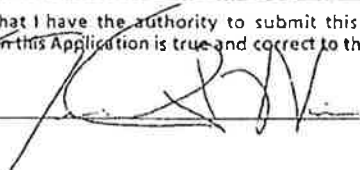
Appendix A-20-b

4000-PM-DFD0002 4/94 PERMIT APPLICATION - GENERAL INFORMATION, continued

SECTION E. PERMIT COORDINATION (Only required for land development)			
Question	Answer		
	Yes	No	* Additional Requested Information
1. Will the project involve construction activity that disturbs five or more acres of land? * If "Yes", specify total disturbed acreage.		X	
2. Will the project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm sewer system? * If "Yes", discuss in <i>Description of Activity</i> .		X	
Will the project involve the construction and operation of industrial waste treatment facilities?		X	
3. Is on-site sewage disposal proposed for your project? * If "yes", indicate the number of persons to be served. * If "yes", attach Act 537 approval letter, if applicable.		X	
4. Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? * If "Yes", indicate estimated proposed flow (gals/day). * Also, discuss the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Description of Activity</i> , where applicable.	X		* Initial 20,000 gpd. Future 50,000 gpd..
5. Is a stormwater collection and discharge system proposed for this project?		X	
6. Will any work associated with this project take place in or near a stream, waterway, or wetland? * If "Yes", identify the stream, waterway, or wetland.	X		* Unnamed tributary to Manatawny Creek.
Will the project interfere with the flow from, or otherwise impact, a dam? * If "Yes", identify the dam.		X	
7. Does the project involve dredging or construction of any dam, pier, bridge or outfall pipe? * If "Yes", check the appropriate item(s).		X	* <input type="checkbox"/> Dredging <input type="checkbox"/> Dam Construction <input type="checkbox"/> Bridge Construction <input type="checkbox"/> Pier Construction <input type="checkbox"/> Outfall Pipe Construction
8. Will the project involve operations that produce air emissions? * If "Yes", identify the type and amounts of emissions.		X	
9. Is an on-site drinking water supply (well) proposed for your project? * If "Yes", indicate total number of people served and how many are employees or guests, if applicable.		X	
If purchasing your water, name the provider. Again, indicate the daily number of employees or guests served.		X	
If to be served by public water supply, indicate name of supplier and attach letter from company stating that it will serve the project.		X	

Appendix A-20-b

4000-PM-DF00002 4-94 PERMIT APPLICATION - GENERAL INFORMATION, continued

SECTION E... PERMIT COORDINATION, continued (Only required for land development)			
Question	Answer		
	Yes	No	* Additional Requested Information
10. Will any solid wastes or liquid wastes be generated as a result of the project? * If "Yes", what and how much? What are the proposed means of storage and disposal?		X	
11. Will your project involve coal removal as part of any earth disturbance activities?		X	
12. Are there any public bathing places proposed as part of your project?		X	
13. Is a State Park located within two miles from your project? * If "Yes", indicate the Park Name.		X	
SECTION F. CERTIFICATION			
I certify that I have the authority to submit this Permit Application on behalf of the applicant named herein and that the information provided in this Application is true and correct to the best of my knowledge and information.			
Signature			Date <u>4/3/09</u>
Kenneth F. Finger			
Name - Print or Type			
Project Manager			
Title - Print or Type			

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF DAMS AND WATERWAY MANAGEMENT
GENERAL PERMIT
BDWM-GP-5
UTILITY LINE STREAM CROSSINGS

1. **GENERAL DESCRIPTION AND AUTHORITY** - The Department of Environmental Resources hereby authorizes, by general permit, subject to the terms and criteria set forth, the installation, operation and maintenance of utility line stream crossings of the regulated waters of the Commonwealth. This authorization is under Section 7 of the Dam Safety and Encroachments Act, 32 P.S. §§693.7, et seq., and the rules and regulations promulgated thereunder at §§105.441-105.449 (relating to general permits).
2. **DENIAL OF AUTHORIZATION** - The Department shall have the discretion, on a case-by-case basis, to deny, revoke or suspend the authorization to use this general permit for any project which the Department determines to have a substantial risk to life, property or the environment or otherwise could not be adequately regulated by the provisions of this general permit.
3. **DEFINITIONS** - The following terms as used in this general permit shall have the following meanings:

BODY OF WATER - Any natural or artificial lake, pond, reservoir, swamp, marsh or wetland.

FLOODWAY - The channel of the watercourse and those portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood.

INSTALL - To construct, deposit, place, lay or set in place.

OWNER - Any person who owns, controls, operates, maintains, or manages a dam or reservoir, water obstruction, or encroachment.

PERSON - Any natural person, partnership, association, corporation, public utility, municipality, municipal authority, political subdivision of the Commonwealth, receiver or trustee and any department, board, commission, or authority of the Commonwealth.

REGULATED WATERS OF THE COMMONWEALTH - All watercourses, streams or bodies of water and their floodways wholly or partly within or forming part of the boundary of this Commonwealth.

RESERVOIR - Any basin, either natural or artificial, which contains or will contain the water or other fluid or semifluid impounded by a dam.

STOCKED TROUT STREAM - Streams classified as approved trout waters by the Fish Commission. Classification may be verified by contacting the Fish Commission's Regional Office or the Division of Environmental Services. See Exhibit "A".

SUBMERGED LANDS OF THIS COMMONWEALTH - All waters and permanently or periodically inundated lands owned by the Commonwealth, including all lands in the beds of navigable lakes and rivers and beds of streams declared public highways which are owned and held in trust by the Commonwealth.

UTILITY LINE - Any pipe or pipeline for the transportation of a gaseous, liquid, liquifiable or slurry substance or, any cable, conduit, line or wire for the transmission of electrical energy, telephone, telegraph, radio, or television signals, including cathodic corrosion protection.

WATERCOURSE - Any channel of conveyance of surface water having defined bed and banks, whether natural or artificial, with perennial or intermittent flow.

WETLANDS - Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adopted for life in saturated soil conditions, including swamps, marshes, bogs and similar areas. The term includes but is not limited to wetland areas listed in the State Water Plan, the United States Forest Service Wetlands Inventory of Pennsylvania, the United States Fish and Wildlife Service Wetlands Inventory Maps, as utilized by the Pennsylvania Coastal Zone Management Program and any wetland area designated by a river basin commission.

WILD TROUT STREAMS - Streams classified as supporting reproducing trout populations by the Fish Commission. Classification may be verified by contacting the Fish Commission's Regional Office or the Division of Environmental Services. See Exhibit "A".

4. **SUBMERGED LANDS OF THIS COMMONWEALTH** - This General Permit shall not be effective to authorize any project over, across or occupying submerged lands of this Commonwealth until the owner has obtained a license from the Department authorizing the occupation of such submerged lands issued under Section 15 of the Dam Safety and Encroachments Act, (32 P.S. §693.15), Section 514 of The Administrative Code of 1929 (71 P.S. §194), or other applicable laws. Upon receipt of notification from the owner, the Department will review the project to determine if its location is over, across or occupies submerged lands of the Commonwealth.
5. **SPECIFIC AREAS WHERE GENERAL PERMIT DOES NOT APPLY** - This general permit is not authorized in the following areas:
 - a. Historic, cultural or archaeological sites as identified in the latest published version of the Pennsylvania Inventory of Historical Places or the National Register of Historical Places.
 - b. Local historical sites officially approved or recognized by a municipality.
 - c. Sites identified in the latest published version of the National Registry of Natural Landmarks.
 - d. Areas in or within 100 feet of a watercourse or body of water designated as or nominated for a National or State Wild or Scenic River in accordance with the National Wild and Scenic Rivers Act of 1968 or the Pennsylvania Scenic Rivers Act (32 P.S. §§820.21-820.29).
 - e. Important wetlands regulated under §105.17 (relating to special criteria for projects affecting important wetlands).

- f. Wetlands, greater than ten (10) acres in size.
 - g. Stocked trout streams from March 1 through June 15, wild trout streams from October 1 through December 31 and Lake Erie tributaries from September 1 through December 1 unless approval is obtained from the Fish Commission's Division of Environmental Services.
 - h. Reservoirs.
 - i. Streams or water bodies designated as Exceptional Value Waters as defined and listed in Chapter 93 (relating to water quality standards).
6. **OTHER PERMITS** - Nothing in this General Permit relieves the owners of the obligation of complying with all Federal, Interstate Compact and State laws, regulations and standards for the construction, operation or maintenance of the utility lines.
7. **NOTIFICATION OF PROPOSED USE OF GENERAL PERMIT** - Prior to construction the owners shall submit Exhibit "C" along with the required location map to the Bureau of Dams and Waterway Management. A copy of Exhibit "C" shall also be sent to the municipality and county in which the work will be performed. **The owner may not begin work until he has notified the Bureau of Dams and Waterway Management and received an acknowledgement of that notification.**
8. **FEES** - There is no fee required for a project authorized under this general permit.
9. **EFFECTIVE TIME PERIOD** - This general permit will remain in effect indefinitely unless specifically modified, suspended or revised by the Department.
10. **SUSPENSION, MODIFICATION OR REVOCATION** - The Department may suspend, modify, or revoke this General Permit at any time upon notice in the Pennsylvania Bulletin.
11. **PROJECT INTERFERENCE** - This general permit does not authorize any interference with any existing or proposed Local, State, Federal or Federally Licensed Project, and permittee shall not be entitled to compensation for damage or injury to the work authorized herein which may be caused by or a result of existing or future operations undertaken by the United States, the Commonwealth of Pennsylvania or its Political Subdivisions in the public interest.
12. **CONDITIONS**
- a. The maximum size utility line allowed is 36 inches in diameter.
 - b. All utility lines under streambeds shall be located such that there will be a minimum of three (3) feet of cover between the top of the utility line or encasement and the lowest point in the natural contour of the streambed, unless the utility line is in rock, where a minimum cover of one (1) foot shall be provided.
 - c. Trenches excavated for the installation of utility lines shall be the minimum width necessary. As soon as the utility line is installed and tested to ascertain

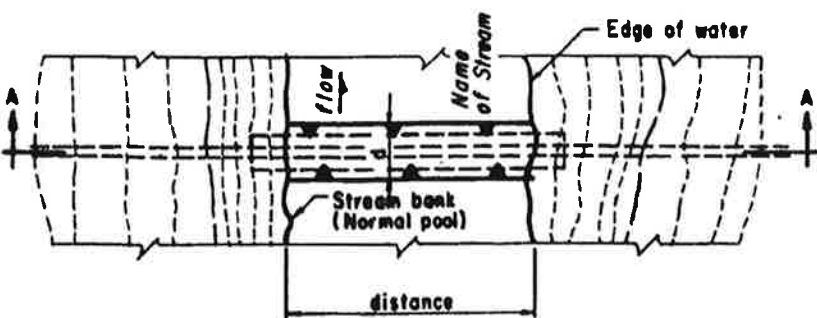
no leakage, appropriate new or previously excavated backfill material shall be placed in the trench and the area restored to its original condition and elevation and stabilized. Backfill material stored in connection with the installation must be properly retained out of the floodway so as to prevent its discharge, washings or runoff from entering the waterway prior to its placement as backfill.

- d. Adequate measures shall be used to prevent sedimentation from the trench from entering the stream.
- e. The backfilling of the trench in which the pipe will be laid shall be done so as to eliminate the formation of a permanent ridge in the streambed.
- f. During construction activities, all public and private property including existing vegetation, landscape features and monuments within, along and adjacent to the work area, shall be protected and preserved to the maximum degree possible. This shall include, but not be limited to, precautions taken to minimize damage, erosion, injury, or destruction; prevent pollution; provide protection of all trees and other woody plants; special care being taken to protect the natural vegetation and surroundings to include all natural drainageways, ponds, lakes, swamps, woods and fields; and storage of materials in such manner to prevent leaching which would be injurious to soils and to plants. Precautions should be taken to prevent damage to pipes, conduits and other underground structures.
- g. Archaeological artifacts discovered during the performance of work authorized under this general permit must be adequately protected and their discovery promptly reported to the Director, Bureau of Historic Preservation, Historical and Museum Commission, P.O. Box 1026, Harrisburg, PA 17120.
- h. Owners shall investigate for drinking water intakes or reservoirs for public and private water supplies within five (5) miles downstream of the crossing and written notice shall be given at least ten (10) days prior to construction to operators of any such intakes or reservoirs. Owners must notify public and private water supply operators immediately and no longer than one (1) hour after an occurrence at the crossing site which results in the release of suspended solids and turbidity to the stream.
- i. Mats, pads, or other similar devices shall be used where crossings of wetland areas by construction equipment cannot be avoided. Original grades through wetlands must be restored after trenching and backfilling. Any excess fill material must be removed from the wetland and not spread on-site. Mounding of fill material to allow for settlement in the trench will be permitted in accordance with best construction methods.
- j. Deposition of dredged or excavated materials and all earthwork operations will be carried out in such a way as to minimize erosion of the material and preclude its entering into any wetland adjacent to the utility line crossing.
- k. Utility line crossings of streams should be accomplished so that the line is at a right angle to the stream where possible, unless the crossing is installed on an existing bridge.

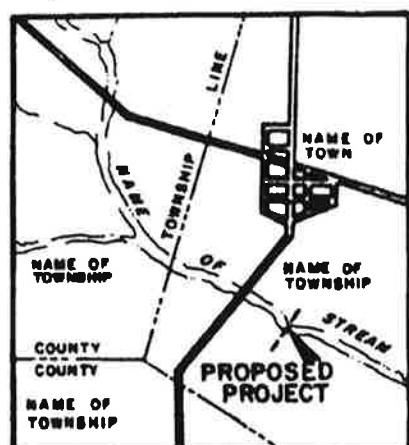
- l. Whenever possible, in accordance with best construction methods utility line crossings are to be made "in the dry" by installing sandbag and plastic dams and piping stream flow through the affected area.
 - m. Prior to the use of explosives in a watercourse or body of water the permittee shall secure a written permit from the Fish Commission, under the Pennsylvania Fish and Boat Code 30 Pa. C.S. §2906 (relating to permits for use of explosives). Requests should be directed to the Fish Commission, Bureau of Administrative Services, P.O. Box 1673, Harrisburg, PA 17120, Telephone 717-657-4522.
13. **POLLUTION INCIDENT PREVENTION AND MITIGATION** - For projects constructed under the authorization of this General Permit which transmit hazardous or toxic material, the owner shall take the following actions to prevent or alleviate the harm from pollution, under the requirement of Chapter 101 (relating to special water pollution regulations):
- a. Develop and implement a Preparedness, Prevention and Contingency (PPC) Plan in accordance with Departmental guidelines. The Department reserves the right to require the PPC Plan to be revised or amended for any deficiencies subsequently identified by the Department.
 - b. In the event a pollution incident occurs which causes or threatens to cause surface or groundwater pollution, the owner shall:
 - (1) promptly notify the Department by telephone of the location and nature of the danger,
 - (2) notify all known downstream users of the water,
 - (3) immediately take all necessary steps to prevent injury to property and downstream users, and protect waters from pollution or danger of pollution,
 - (4) remove any contamination from affected ground or surface water to the extent required by the Department.
14. **DEPARTMENT INSPECTION** - As a condition of use of this general permit, and of the owner's authority to conduct the activities authorized by this general permit, the owner hereby authorizes and consents to allow authorized employees or agents of the Department, without advance notice or a search warrant, at any reasonable time and upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas where the project is being constructed, operated or maintained. The authorization and consent shall include consent to conduct tests or sampling, to take photographs, to perform measurements, surveys and other tests, to inspect the methods of construction, operation or maintenance, to examine and copy books, papers and records pertinent to any matter under investigation, and to take any other action necessary to assure that the project is constructed, operated or maintained in accordance with the terms and criteria of the general permit. This general permit condition is referenced in accordance with Section 16 of the Dam Safety and Encroachments Act, 32 P.S. §693.16, and in no way limits any other powers granted under the Dam Safety and Encroachments Act.

15. **ACTIVITIES NOT IN ACCORDANCE WITH THE TERMS OR CONDITIONS** - If the Department determines, upon inspection, that the construction, operation or maintenance of a project has violated the terms or conditions of this general permit or of Chapter 105 the Department may take such actions, legal or administrative, that it may deem to be appropriate.
16. **STRUCTURE REMOVAL** - The owners shall remove all or any portion of the utility line project upon written notification to the owner by the Department in the event the project is causing an adverse impact on public health, safety or the environment or in any other manner violates the conditions of this general permit or Chapter 105.
17. **PROPERTY RIGHTS** - This general permit does not convey any property rights, either in real estate or material, or any exclusive privileges; nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State or local laws or regulations.
18. **OTHER APPROVALS** - The owners shall secure all other approvals that may be necessary under other Federal, State or local laws or regulations, including the specific permission of owners of bridges or other structures to which the utility line may be attached.
19. **FISH COMMISSION NOTIFICATION** - The owners shall notify the Fish Commission's Regional Field Office Supervisor, see Exhibit "A", responsible for the County where the activities are proposed ten (10) days prior to start of construction. Notification by postcard is suggested. The project site shall at all times be available for inspection by authorized officers and employees of the Fish Commission.
20. **EROSION AND SEDIMENT POLLUTION CONTROLS** - Work must be done in compliance with Chapter 102 (relating to erosion control). Prior to construction an Erosion and Sediment Pollution Control Plan must be reviewed and determined adequate by the County Conservation District in which the activities are proposed and implemented prior to, during and after construction. The County Conservation District shall be notified ten (10) days prior to the start of construction. The project site shall at all times be available for inspection by authorized employees of the County Conservation District. The Erosion and Sediment Pollution Control Plan shall be available at the site.
21. **UTILIZATION OF GENERAL PERMIT BDWM-GP-8, TEMPORARY ROAD CROSSINGS** - Temporary road crossings of streams and causeways that are necessary for equipment to move back and forth across a stream and located adjacent to the utility line crossing are authorized by and must be constructed in accordance with BDWM-GP-8. The Owners shall indicate utilization of GP-8 on Exhibit "C" in the space provided. Owners constructing temporary road crossings in those areas excluded from the application of GP-8 must apply for an individual water obstruction permit for those road crossings.

**GENERAL PERMIT: B.D.W.M. GP-5
 DWG. NO. 1 UTILITY LINE STREAM CROSSING
 UNDER STREAM**



PLAN



**SAMPLE
 LOCATION MAP**

SCALE: 1 in. = 1/2 mi.

NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

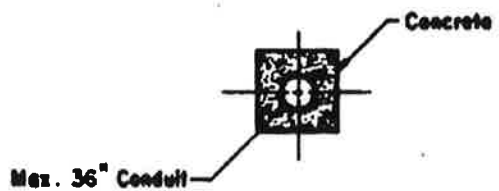


SECTION A - A

GENERAL NOTES:

1. Property lines or easements should be indicated on plans.
2. Plans shall show complete dimensions.
3. Minimum of 3' of cover over utility line or encasement/sleeve/conduit except in rock where 1' of cover shall be provided.
4. Utility line shall be installed with sufficient horizontal length to allow for future channel expansion.
5. Manholes may not be constructed within the channel.
6. 4' denotes required Right of Way width.
7. Attach Location Map.

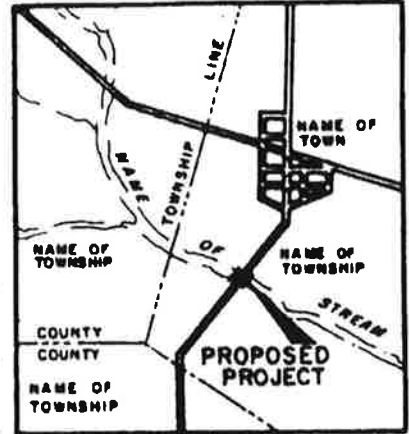
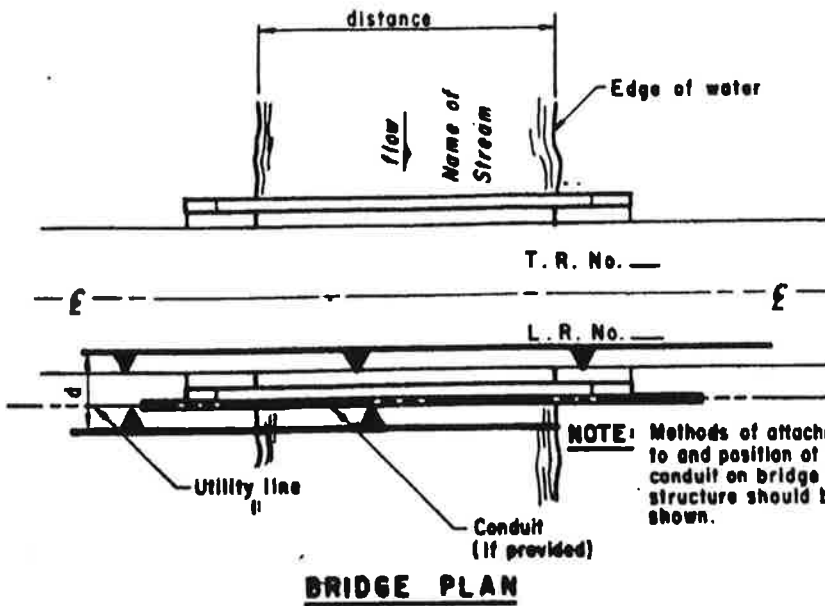
**ENCASEMENT IN ACCORDANCE WITH
 ENGINEERING STANDARD**



CONCRETE ENCASEMENT CROSS SECTION

OWNER _____
 NAME OF STREAM _____
 MUNICIPALITY _____
 COUNTY _____

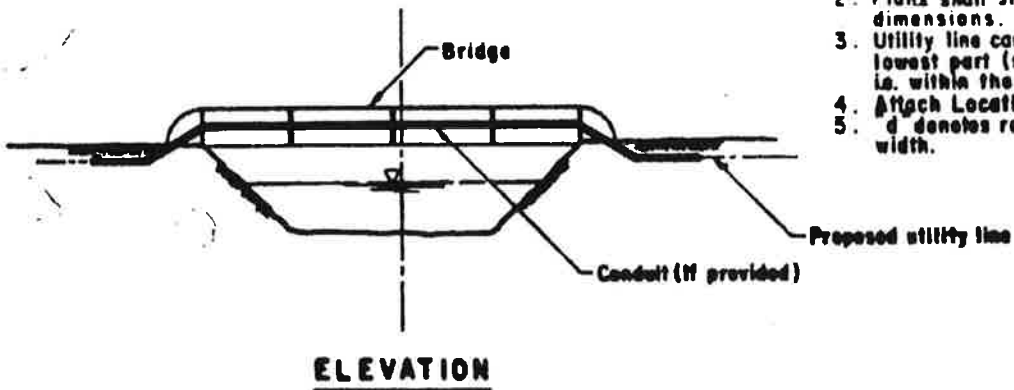
**GENERAL PERMIT: B. D. W. M. GP-5
 DWG. NO. 2 UTILITY LINE STREAM CROSSING
 ATTACHED TO EXISTING BRIDGE**



NOTE: Use of U. S. G. S. quadrangle map(s) is recommended.

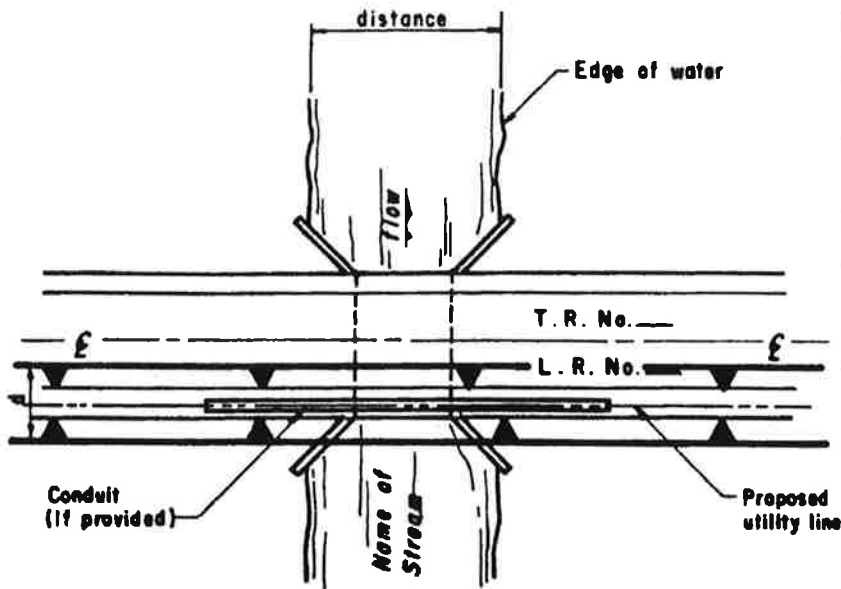
GENERAL NOTES:

1. Property lines or easements should be indicated on plans.
2. Plans shall show complete dimensions.
3. Utility line cannot be placed below the lowest part (structure) of bridge, i.e. within the waterway opening.
4. Attach Location Map.
5. 'd' denotes required Right of Way width.

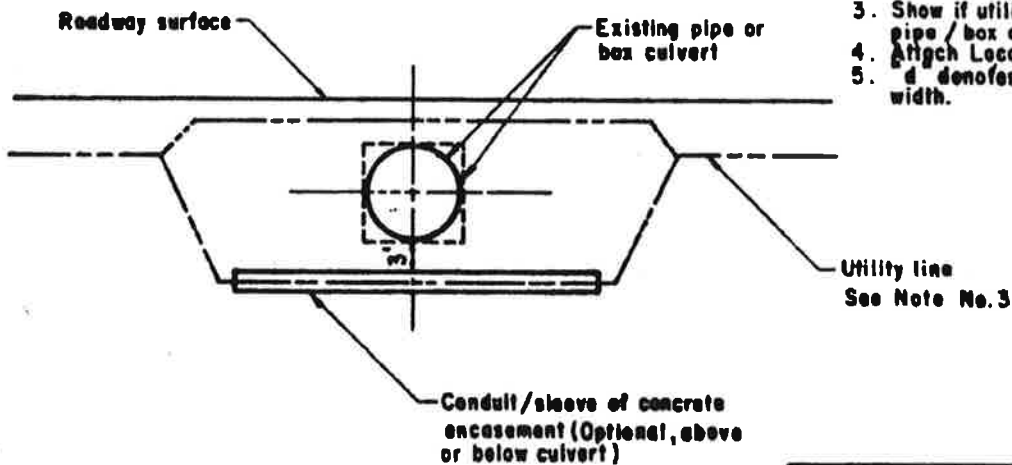


OWNER _____
 NAME OF STREAM _____
 MUNICIPALITY _____
 COUNTY _____

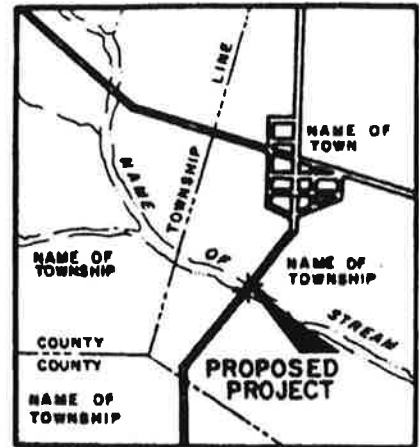
GENERAL PERMIT: B. D. W. M. GP-5
DWG. NO. 3 UTILITY LINE STREAM CROSSING
UNDER OR OVER EXISTING PIPE OR CULVERT



PLAN



ELEVATION



SAMPLE LOCATION MAP



NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.

GENERAL NOTES:

1. Property lines or easements shall be indicated on plans.
2. Plans shall show complete dimensions.
3. Show if utility line is over or under pipe / box culvert.
4. Attach Location Map.
5. d denotes required Right of Way width.

OWNER _____
 NAME OF STREAM _____
 MUNICIPALITY _____
 COUNTY _____

EXHIBIT B

DEPARTMENT OF ENVIRONMENTAL RESOURCES

<u>Soil and Waterways Section</u>	<u>County Responsibility</u>
Southcentral Regional Office Room 147, One Ararat Boulevard Harrisburg, PA 17110 717-541-7901	Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry and York
Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 215-832-6340	Bucks, Chester, Delaware, Montgomery and Philadelphia
Southwest Regional Office 400 Waterfront Drive Pittsburgh, PA 15222-4745 412-442-4000	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland
Northwest Regional Office 190 Adams Road Jamestown, PA 16134 412-932-3162	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren
Northeast Regional Office Cross Valley Centre, Suite 203 667 North River Street Plains, PA 18705-1099 717-826-5485	Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming
Northcentral Regional Office 200 Pine Street Williamsport, PA 17701 717-327-3574	Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union

BUREAU OF DAMS, WATERWAYS AND WETLANDS
P.O. Box 8554
Harrisburg, PA 17105-8554
717-783-1384

EXHIBIT C

Notification to Use
BDWM-GP-5
Utility Line Stream Crossings

I/We, Upper Pottsgrove Twp., hereby notify the Bureau of Dams and
(owner name(s))

Waterway Management of our intent to use Sample Drawing No. 1 to install

an 8-inch gravity sewer
(size and description of utility line)

across/along an unnamed tributary to Manatawny Creek.
(name of stream, body of water, or wetland)

at a point 600 feet west of Route 100 and 900 feet southwest of Pine Ford Rd.
(describe location)

in Upper Pottsgrove Twp., Montgomery
(municipality) (county)

I/We have attached a LOCATION MAP similar to that shown on the sample drawings indicating where the utility line will be installed.

I/We certify that a copy of this notification was sent this day _____
(date)

to Upper Pottsgrove Twp., and Montgomery
(municipality) (county)

in which the work will be performed.

Signed: Sandra K Ditt
(owner or authorized representative)

1420 Heather Place
(owner address)

Pottstown, PA 19464

610-323-8675
(owner telephone number)

I/We hereby notify the Bureau that BDWM-GP-8, Temporary Road Crossing will also be utilized during the installation of the utility line.

Signed: Sandra K Ditt

Send to one of the addresses on Exhibit B.

Appendix A-20-b

ER-BWQ-265: Rev. 3/83

SEWER EXTENSIONS and PUMPING STATIONS PERMIT APPLICATION DEPARTMENT OF ENVIRONMENTAL RESOURCES

APPLICANT NAME* Upper Pottsgrove Twp. ADDRESS: 1420 Heather Place
CITY, ZIP Pottstown, PA 19464 TELEPHONE NUMBER: 610-323-8675

*Applicant shall be the agency which will own the sewerage facilities following completion and/or dedication.

A filing fee of \$100.00 will be required for sewer extension (collector sewers only). A filing fee of \$500.00 will be required for all other type of facilities. This fee must be submitted with the application in the form of a check (not more than 15 days old) made payable to "Pennsylvania Department of Environmental Resources". This fee is not required of the State or Federal agencies. For a non-municipal applicant, an additional filing fee of \$50.00 is required when the sewerage project involves a stream encroachment located within the delineated 100 year floodplain or within 50 feet of the stream bank in absence of a delineated floodplain.

PROJECT NAME Construction of Wastewater Collection System and Pumping Station
PROJECT LOCATION* _____ BASIS OF DESIGN _____
MUNICIPALITY Upper Pottsgrove DESIGN YEAR 2000
COUNTY Montgomery DESIGN POPULATION _____

If the project is associated with land development, complete the following:

NAME OF DEVELOPMENT Not Applicable
TYPE OF DEVELOPMENT _____
NUMBER OF UNITS _____ PROJECT ACREAGE _____
PERMIT NO. OF RECEIVING SEWERS _____

NOTE: Please attach a drawing which clearly shows the boundaries of the proposed service area, the properties to be served, the location of the sewerage facilities, the slope of proposed sewers on the plan with inverts of manhole, point of connection to existing sewers, and all streets, streams or other important site features. Also, include specifications for the facilities and an erosion and sedimentation control plan.

For any deviations from the Sewerage Manual, please note clearly and fully justify.

FOR THE APPLICANT

I hereby apply for approval on (Date) _____ to construct and operate [] Sewers and appurtenances [] Sewage pumping station(s) which [] does [] does not include stream crossing(s)/100 year floodplain location.

For sewage pumping stations include detailed construction plans and Module 2.

For stream crossing, include the plan and profile view of the sewer line and Module 11.

Affidavit: I hereby certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and based on my inquiry of those individuals immediately responsible for obtaining the information I believe the submitted information is true, accurate and complete.

APPLICANT'S SIGNATURE Sandra K Fritz _____ NOTARY SEAL
NAME AND TITLE: _____
ADDRESS: _____
SWORN and subscribed to before me this 16th day of November 19 94

Cynthia H. Taylor NOTARY

FOR THE DESIGN ENGINEER

Affidavit, I, Kenneth F. Finger, do hereby certify 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 the standards, guidelines and requirements of the Department of Environmental Resources.

DESIGN ENGINEER'S NAME _____
NAME OF ENGINEERING FIRM: GANNETT FLEMING, INC.
ADDRESS, ZIP 650 Park Avenue, Suite 100
King of Prussia, PA 19406
TELEPHONE NUMBER: 610-337-1550

DESIGN ENGINEER'S SEAL & SIGNATURE

[Signature]

ER-BWQ-188.2:REV.3-93

DATE PREPARED 11-1-94
DATE REVISED

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER POLLUTION CONTROL
MODULE 2

FOR DEPARTMENT USE ONLY

TABLE 1 - SEWER SYSTEM

1. Class of construction New System Replacement of Existing System Sanitary Combined
2. Initial Population _____, Design Year Population _____
3. DESIGN FLOW DATA

(a) Laterals and Submain Sewers	(GPCD)	400
(b) Interceptors	(GPCD)	250
(c) Average Daily Flow	(MGD)	0.052
(d) Infiltration/Inflow	(MGD)	0
(e) Industrial Waste Flow	(MGD)	0
(f) Total Average Design Flow	(MGD)	0.052
(g) Maximum Expected Flow Rate	(MGD)	0.129
4. General Information:
 - (a) Describe measures taken to reduce I/I in the system including leakage test and reference applicable portion of the specifications.
 Manhole testing: Section 02601
 Low pressure air test: Section 02722
 Defelction test: Section 02722
 - (b) Describe any overflows or bypasses within the system.

None
 - (c) If applicable, describe capacity of receiving sewers and pumping station and submit two copies of the executed inter municipal agreement.
 Capacity of receiving sewers: 10" @ min slope = 0.68 MGD
 Intermunicipal Agreement between Upper POTTsgrove Twp. and Pottstown Borough is attached.

TABLE 2 - PUMP STATION (Submit separate table for each pump station)

1. Pump Station Name: Pine Ford Rd. Pumping Station
2. Location: South side of Pine Ford Rd., 1700ft. West of Farmington Ave.
3. Type (Conventional, suction lift, Ejector or submersible) Submersible
4. Initial Population to be served: 193, Design year population to be served. 518
5. DESIGN INFORMATION

	AVG (MGD)	MAX (MGD)
(a) Domestic Flow Rate (based on Design population to be served)	0.052	0.129
(b) Industrial Flow Rate	0	0
(c) Infiltration/Inflow Rate	0	0
(d) Design Flow Rate	0.052	0.129
(e) Effective Wet Well Capacity (Gal)	564	
(f) Detention Time (Min)	11	
(g) Design Average Velocity in Force Main (Fps)	2.27	
(h) Total Dynamic (Head Pump Station + Force Main)		
	Static Head	126.25 Ft.
	Friction Loss	6.62 Ft.
	TDH	132.87 Ft.

ER-BWQ-188.2:Continued

DATE PREPARED 11-1-94
DATE REVISED

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER POLLUTION CONTROL
MODULE 2

FOR DEPARTMENT USE ONLY

6. General Information

(a) Describe 100 yr. flood elevation, ventilation, emergency power provision and alarm system.

- 100 year flood elevation is not mapped in this area.
- Passive venting - no entry by personnel.
- Stationary emergency generator
- Telephone autodialer with battery backup.

TABLE 3 - PUMPING FACILITIES												
LIST ALL THE PUMPS IN THE ENTIRE TREATMENT FACILITY												
NUMBER OF IDENTICAL PUMPS	Describe Pump Use	Type of Pump	Check Columns That Apply To Each Pump							Pump Capacity		
			EXISTING	PROPOSED	VARIABLE SPEED	CONSTANT SPEED	AUTOMATIC CONTROL	MANUAL CONTROL	PNEUMATIC EJECTOR	STAND BY OPERATION	(GPM)	TDH (FT.)
2	Domestic wastewater	Submersible	x			x	x	x		x	200 Initial	133
											400 Possible future	150

Appendix A-20-b

ER-BWQ-188.11:REV.3/83

DATE PREPARED
11-I-94
DATE REVISED

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

WATER POLLUTION CONTROL
MODULE 11
STREAM ENCROACHMENT

FOR DEPARTMENT USE ONLY

GENERAL

1. Note how the construction work along and in the stream will be conducted to avoid excessive turbidity in the stream. Such features as control of runoff, trapping sediment, pump discharges, disposal of material removed, sequence of construction, and construction techniques should be addressed. (Reference may be made to applicable sections of plans, specifications, and erosion control plan).
2. Note those measures which have been taken to minimize disturbing or uprooting trees and vegetation along and in the vicinity of the stream to preserve streambank stability. Also, note those measures which will be taken to restore and stabilize the streambank areas which must be disturbed during construction. (Reference may be made to applicable sections of plans, specifications and erosion control plan).

STREAM CROSSINGS

1. Please justify the need for each stream crossing including evaluation of alternatives to minimize the number of crossings.
2. What measures will be taken to insure the sewer crossing under a stream will be rendered thoroughly water tight and remain in alignment?
3. For any sewer without the required cover (1 foot in rock and 3 feet in other material), please explain why such cover is not provided and what measures are to be taken to minimize the erosion threat at the crossing location and the aesthetics of the permanent sewer crossing.
4. Note how manholes along the stream will be made watertight if the top elevation is below the 100 year flood.
5. List crossings by stream name and sheet numbers in plans. Provide extra set of plan sheets only with stream crossing.

HEADWALLS/OUTFALLS

1. Explain how the headwall/outfall structure will be constructed to minimize downstream and/or bank erosion and achieve complete mixing of the treated effluent with the streamflow within a short distance.
2. Identify stream by name, show design of outfall/headwall on plan sheet and provide an extra copy.

Describe below all of the applicable items from the above.

Please refer to attached sheet

Gannett Fleming

ATTACHMENT TO MODULE II
STREAM ENCROACHMENT

GENERAL

1. Refer to the Erosion and Sediment Pollution Control Plan.
2. Refer to the Erosion and Sediment Pollution Control Plan.

STREAM CROSSINGS

1. The project includes one stream crossing. It is necessary to cross this stream in order to connect the portions of the wastewater collection system. No alternative route would avoid the crossing.
2. The sanitary sewer will be ductile iron pipe with mechanical joints and will be concrete encased.
3. Stream crossing is rock - one foot of cover is provided.
4. 100-year flood mapping is not available. All manholes will be precast construction with bolted down covers. All joints are sealed with mastic material.
5. Stream is unnamed. The crossing appears on Sheet 2. (An extra plan sheet of the stream crossing is provided.)

SEWAGE TREATMENT SERVICE AGREEMENT

THIS SEWAGE TREATMENT SERVICE AGREEMENT, dated February 28, 1989, by and among the BOROUGH OF POTTSTOWN, Montgomery County, Pennsylvania and the POTTSTOWN BOROUGH AUTHORITY, on the one hand, and the TOWNSHIP OF UPPER POTTS GROVE, Montgomery County, Pennsylvania, on the other hand.

WITNESSETH:

WHEREAS, PBA presently owns the PBA Sewage Collection System, the Common Transportation Facilities and the Existing Treatment Plant, for rendering sanitary sewage collection, transportation, treatment and disposal service in and for the Borough as well as rendering transportation, treatment and disposal service for the Townships; and

WHEREAS, PBA heretofore entered into the Lease with the Borough whereby PBA, as lessor, has leased the Existing Treatment Plant, the Common Transportation Facilities and the PBA Sewage Collection System to the Borough, as lessee, for a term of years, and whereunder the Borough has agreed, inter alia, to operate and maintain the same and to pay certain minimum net rentals to PBA or its assigns; and

WHEREAS, the Townships presently own and operate Sewage Collection Systems required for rendering sanitary sewage collection and transportation, but not treatment or disposal, service in and for certain portions of the Townships; and

WHEREAS, certain of the Townships presently utilize a portion of the Sewage Capacity in the Common Transportation Facilities for transportation of Sewage to the Existing Treatment Plant, and will continue to utilize the same in transporting Sewage to the Upgraded Treatment Plant; and

WHEREAS, the Municipalities heretofore entered into various Joint Sewage Treatment Contracts, as amended and supplemented, providing terms and conditions under which the Borough provides Sewage treatment and transportation services to the Townships, for consideration, which Joint Sewage Treatment Contracts shall cease to be operative and shall be superseded by this Service Agreement upon execution and delivery hereof by the parties hereto; and

WHEREAS, DER has determined that the Existing Treatment Plant is hydraulically and organically overloaded and that the method of Sewage treatment must be upgraded; and

WHEREAS, in order to comply with the DER mandate, PBA must provide for the acquisition and construction of the Upgraded Treatment Plant and improvements to the Common Transportation Facilities, and incur the costs and expenses related thereto; and

EXHIBIT C

**Notification to Use
BDWM-GP-5
Utility Line Stream Crossings**

I/We, _____, hereby notify the Bureau of Dams and
(owner name(s))

Waterway Management of our intent to use Sample Drawing No. _____ to install

_____ (size and description of utility line)

across/along _____ (name of stream, body of water, or wetland)

at a point _____ (describe location)

in _____ (municipality), _____ (county)

I/We have attached a LOCATION MAP similar to that shown on the sample drawings indicating where the utility line will be installed.

I/We certify that a copy of this notification was sent this day _____ (date)

to _____ (municipality), and _____ (county)
in which the work will be performed.

Signed: _____ (owner or authorized representative)

_____ (owner address)

_____ (owner telephone number)

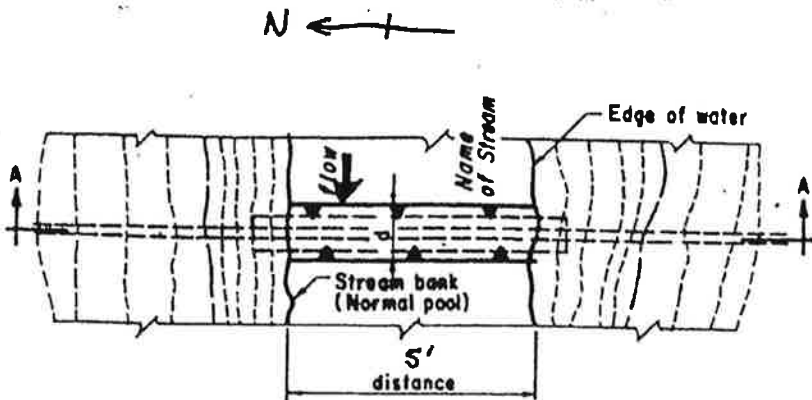
I/We hereby notify the Bureau that BDWM-GP-8, Temporary Road Crossing will also be utilized during the installation of the utility line.

Signed: _____

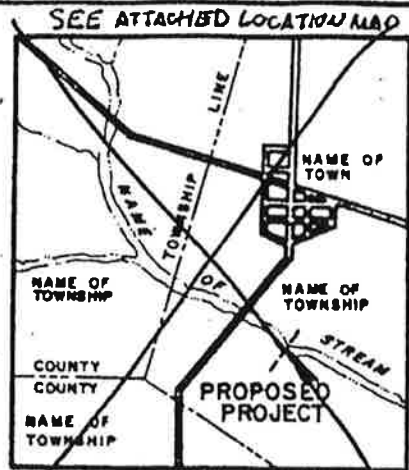
Send to one of the addresses on Exhibit B.



GENERAL PERMIT: UTILITY LINE STREAM CROSSING UNDER STREAM
B. D. W. M. GP-5
DWG. NO. 1



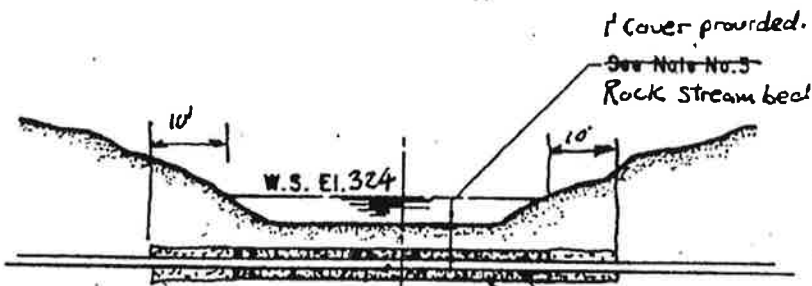
PLAN



SAMPLE LOCATION MAP



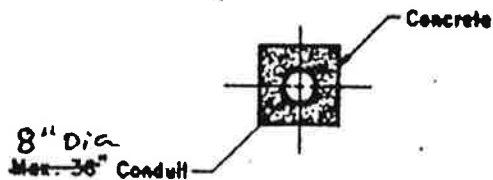
NOTE: Use of U. S. G. S. quadrangle map(s) is recommended.



SECTION A - A

See Note No. 4
 Concrete encasement/
 sleeve/conduit
 provided

ENCASEMENT IN ACCORDANCE WITH
 ENGINEERING STANDARD



CONCRETE ENCASEMENT CROSS SECTION

GENERAL NOTES:

1. Property lines or easements should be indicated on plans.
2. Plans shall show complete dimensions.
3. Minimum of 3' of cover over utility line or encasement/ sleeve / conduit except in rock where 1' of cover shall be provided.
4. Utility line shall be installed with sufficient horizontal length to allow for future channel expansion.
5. Manholes may not be constructed within the channel.
6. 'd' denotes required Right of Way width.
7. Attach Location Map.

OWNER _____
 NAME OF STREAM _____
 MUNICIPALITY _____
 COUNTY _____



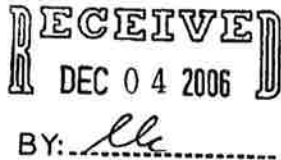
Pennsylvania Department of Environmental Protection

Southeast Regional Office

**2 East Main Street
Norristown, PA 19401
December 1, 2006**

Phone: 484-250-5970
Fax: 484-250-5971

Mr. Jack Layne
Interim Township Manager
Upper Pottsgrove Township
1409 Farmington Avenue
Pottstown, PA 19464-1829



Re: Farmington Avenue West Sanitary Sewer
System and Pumping Station
Application No. 4606407
File Type: Permit
Upper Pottsgrove Township
Montgomery County

Dear Mr. Layne:

Your permit is enclosed.

Approval of the enclosed permit is contingent upon obtaining any applicable permits from the Department of Environmental Protection's (Department) Water Allocation and Encroachment (105) Program.

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.

Enclosed is the "Sewage and Industrial Wastewater Facilities Construction Certification" form. A Pennsylvania-registered professional engineer must sign and complete this form prior to startup of the facilities (see Special Conditions). You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to the Department within 30 days following startup of the facilities.



Mr. Jack Layne

- 2 -

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.

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 call Mr. Andrew Haneiko at 484-250-5183.

Sincerely,



Jenfer Fields, P.E.
Regional Manager
Water Management

Enclosures

cc: Mr. Pelka, P.E. - LTL Consultants
Operations Section
Mr. Sheckler
Re 30 (GJE06WQ)331-9

3800-PM-WSWM0015 Rev. 6/2004
Permit



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT


PERMIT NO. 4606407

AMENDMENT NO. _____

APS ID 590319

AUTH ID 642007

**WATER QUALITY MANAGEMENT
PERMIT**

<p>A. PERMITTEE (Name and Address): Upper Pottsgrove Township 1409 Farmington Avenue Pottstown, PA 19464</p>	<p>CLIENT ID#: 52555</p>	<p>B. PRIMARY FACILITY (Name): Pottstown Borough Authority Wastewater Treatment Facility</p>
<p>C. LOCATION (Municipality, County): Upper Pottsgrove Township Montgomery County</p>	<p>SITE ID#: 664417</p>	
<p>D. This permit approves the construction of sewerage facilities consisting of: sewer collection system and pump station.</p>		
<p>Pump Stations: <u>1</u> Design Capacity: <u>0.144</u> MGD Average Annual Flow: <u>0.012</u> MGD</p>	<p>Manure Storage: Volume _____ MG Freeboard: _____ inches</p>	<p>Industrial Wastewater/Sewage Treatment Facility: Annual Average Flow: _____ MGD Design Hydraulic Capacity: _____ MGD Design Organic Capacity: _____ lb/day</p>
<p>E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:</p> <p>1. New Permits: All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated <u>07/18/2006</u>, its supporting documentation, and addendums dated _____, which are hereby made a part of this permit.</p> <p>Amendments: All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated _____ and its supporting documentation, and addendums dated _____, which are hereby made a part of this amendment.</p> <p>Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. _____ dated _____ shall remain in effect.</p> <p>Transfers: Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are also made part of this transfer.</p> <p>2. Permit Conditions Relating to sewerage are attached and made part of this permit.</p> <p>3. Special Conditions numbered _____ 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, <u>as amended</u> 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>December 1, 2006</u></p>	<p>BY: <u></u> TITLE: <u>Water Management Program Manager</u></p>	



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

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

(Place a \checkmark in the box that applies)

General

1. Consistent with the Department of Environmental Protection's (DEP) technical guidance document *Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities* (DEP ID: 362-2000-007) available on DEP's website at www.dep.state.pa.us. DEP considers the registered 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. 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.
7. This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installed and capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of these approved facilities and notify DEP accordingly. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
8. 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.
9. 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.
10. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. PA _____ and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

11. An Erosion and Sedimentation (E&S) Plan must be developed prior to construction of the permitted facility, pursuant to Title 25 Pa. Code Chapter 102, and implemented during and after the earth disturbance activity.
- If the activity involves 5 or more acres of earth disturbance, or from 1 to 5 acres of earth disturbance with a point source discharge to surface waters of the Commonwealth, an NPDES permit for the Discharge of Stormwater Associated with Construction Activity is required.
- In addition to the state NPDES permitting requirements, some municipalities, through local ordinances, require the E&S Control Plan to be reviewed and approved by the local County Conservation District office prior to

Appendix A-20-b

3800-PM-WSWM0015a Rev. 6/2004
Conditions Sewerage

Permit No. 4606407

construction. For specific information regarding E&S control planning approval and NPDES permitting requirements, please contact your local County Conservation District office.

- 12. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans and specifications.
- 13. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" (3800-PM-WSWM0179a). 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. If requested, "as-built" drawings, photographs (if available) and a description of any DEP-approved deviations from the application and design plans must be submitted to DEP within 30 days of certification.
- 14. 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.
- 15. 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

- 16. 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.
- 17. 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.
- 18. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.
- 19. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
- 20. The sewerage facilities shall be properly operated and maintained to perform as designed.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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.
- 25. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.
- 26. 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.

3800-PM-WSWM0179a 5/2004
Post Construction Certification



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**WATER QUALITY MANAGEMENT
POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER	
Permittee	Upper Pottsgrove Township
Municipality	Upper Pottsgrove Township
County	Montgomery
WQM Permit No.	4606407
Facility Type	Pump station and conveyance system
All of the above information should be taken directly from the Water Quality Management Permit.	
CERTIFICATION	
<p>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.</p>	
<p>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.</p>	
<p>Construction Completion Date (MM/DD/YYYY): _____</p>	
<p>Engineer's Seal</p>	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 _____