
EXHIBIT M2

WATER QUALITY MANAGEMENT PERMIT
FOR THE PHILADELPHIA WATER DEPARTMENT NEWPCP



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHEAST REGIONAL OFFICE

December 2, 2013

CERTIFIED MAIL NO. 7007 3020 0002 8264 4593

Mr. John Muldowney, P.E.
Director of Treatment Operations
Philadelphia Water Department
1101 Market Street, 4th Floor
Philadelphia, PA 19107-2994

Re: WQM Permit – Sewage
NEWPCP – Secondary Treatment Bypass
Permit No. 5113401
Authorization ID No. 996359
City of Philadelphia
Philadelphia County

Dear Mr. Muldowney:

Your Water Quality Management (WQM) 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.

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

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

Mr. John Muldowney, P.E.

- 2 -

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

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

If you have any questions, please contact Mr. James Roth at 484.250.5169.

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Clean Water

Enclosures

cc: Mr. Gyory, P.E. – Greeley and Hansen, LLC
Mr. Lendzinski – Philadelphia Water Department
Operations
Re 30 (GJS13CLW)290-15



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

**WATER QUALITY MANAGEMENT
PERMIT**

PERMIT NO. 5113401
AMENDMENT NO. _____
APS ID. 824839
AUTH. ID. 996359

A. PERMITTEE (Name and Address): Philadelphia Water Department 1101 Market Street, 4th Floor Philadelphia, PA 19107-2994	CLIENT ID#: 257214 B. PROJECT/FACILITY (Name): NEWPCP – Secondary Bypass Facility
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C. LOCATION (Municipality, County): Philadelphia City, Philadelphia County	SITE ID#: 451953
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D. THIS PERMIT APPROVES THE MODIFICATIONS OF SEWAGE FACILITIES CONSISTING OF:
a secondary bypass facilities consist of an underground, two-barrel, cast in place conduit with the following features:

- an automatic modulating flow splitting structure located at the upstream end of the conduit where it connects to the primary tank's effluent channel
- a flow measurement structure containing two 72 inch magnetic flow meters to control the modulating equipment
- an effluent structure located at the downstream end of the new conduit to connect to the existing chlorine contact tank influent conduits.

The bypass facilities also include the installation of an automatic hypochlorite disinfection system, an automatic drain system, continuous air vents, and provisions for access to clean/maintain the system.

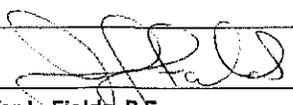
Pump Stations: _____ Design Capacity: _____ GPM	Manure Storage: Volume: _____ MG Freeboard: _____ inches	Sewage Treatment Facility: Annual Average Flow: 210 MGD Design Hydraulic Capacity: 435 MGD Design Organic Capacity: 350,000 lb/day Capacity of Bypass: 215 MGD
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E. 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 **9/25/2013**, 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 1 is 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.

PERMIT ISSUED: December 2, 2013	BY:  TITLE: Jenifer L. Fields, P.E. Clean Water Program Manager Southeast Regional Office
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SPECIAL CONDITIONS

Water Quality Management Permit No. 5113401

Philadelphia Water Department

- I. The Secondary Bypass Facility shall only be used when instantaneous maximum influent flow to the Northeast Water Pollution Control Plant exceeds 435 million gallons per day (mgd). Influent flow at or below 435 mgd shall receive secondary treatment.