



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

## FIELD ORDER

(PLEASE PRINT AND PRESS FIRMLY)

SYSTEM NAME Pittsburgh Water and Sewer Authority	PWS ID No. 5020038	CASE NUMBER 17-51-538334-03
LOCATION 900 Freeport Road, Pittsburgh, PA 15222	MUNICIPALITY City of Pittsburgh	COUNTY Allegheny
PERSON TO WHOM ORDER IS DIRECTED Pittsburgh Water and Sewer Authority	TELEPHONE NUMBER (412) 782-7553	
MAILING ADDRESS 1200 Penn Avenue, Pittsburgh, PA 15222		
NAME AND TITLE OF PERSON SERVED		DATE ORDER SERVED January 31, 2017

The Commonwealth of Pennsylvania, the Department of Environmental Protection ("Department"), has made the following Findings of Fact:

1. The Department is the agency with authority to administer and enforce the Pennsylvania Safe Drinking Water Act, the Act of May 1, 1984, P.L. 206, No. 43, 35 P.S. §§721.1-721.19 ("SDWA"), and Section 1917-A of the Administrative Code, the Act of April 9, 1929, P.L. 177, as amended, 71 P.S. §510-17, and the regulations of the Environmental Quality Board adopted pursuant thereto.
2. The person named above to whom this order is directed ("Recipient") owns and/or operates a public water system at the location identified above.
3. The Department has received operational data from the public water system identified above on January 30, 2017.
4. The operation of this water system with the violation(s) identified in this Order is a violation of the Sections of the Department's regulations cited herein and the SDWA and constitutes a public nuisance under Section 12 of the SDWA, 35 P.S. §721.12.
5. Section 13 of the SDWA, 35 P.S. §721.13, provides that the Department may assess a civil penalty of up to Five Thousand Dollars (\$5,000.00) per day for each violation of the SDWA.

**Description of Violation:**

PWSA failed to achieve a combined total effect of disinfection processes utilized in a filtration plant to achieve at least 90% inactivation of Giardia cysts and a 99.9% inactivation of viruses, as determined by CTs and measurement methods established by the EPA.

**Location of Violation:**

Highland Water Treatment Plant (Treatment Plant 308)

**Provisions of Regulation, Statute or Permit Violated:**

25 Pa. Code Sections 109.4 and 109.202(c)(1)(ii).



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## FIELD ORDER (continuation)

(PLEASE PRINT AND PRESS FIRMLY)

SYSTEM NAME Pittsburgh Water and Sewer Authority	PWS ID No. 5020038	CASE NUMBER 17-51-538334-02
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Pursuant to Sections 5, 10 and 12 of the SDWA, 35 P.S. §§721.5, 721.10 and 721.12; and Section 1917-A of the Administrative Code of 1929, 71 P.S. §510-17, it is hereby ordered that the owner shall perform the corrective actions listed below within the designated time.

**Corrective Action/Abatement Schedule Required:**

1. PWSA shall, within twenty-four (24) hours of receipt of this order, issue a Tier I Boil Water Public Notice in accordance with the provisions of 25 Pa. Code 109.408 for all consumers served by the supply main from the following locations as identified on the "Highland Park Area Water Network - Overview Map" provided to the Department by PWSA on January 27, 2017:
  - a. The North Saint Clair Customer Point;
  - b. The 36-inch supply main along Washington Boulevard;
  - c. The 20-inch supply main along Highland Drive.

The Tier 1 Boil Water Public Notice shall include instructions to consumers to perform adequate flushing prior to drawing water to boil.

2. The boil water advisory may not be lifted until approved in writing by the Department.
3. Beginning immediately, PWSA shall sample free chlorine residual and calculate Giardia Log Inactivation at all 5 Customer Points identified on the "Highland Park Area Water Network - Overview Map" provided to the Department by PWSA on January 27, 2017; at the Highland Park Reservoir influent to the Highland Park Membrane Filtration Plant; and at the Highland Pump Station, every 4 hours until this requirement is modified or terminated in writing by the Department. All sampling data and calculations shall be submitted to the Department, to Renee Diehl at [rediehl@pa.gov](mailto:rediehl@pa.gov), by 9am every day (unless earlier notification to the Department is required under 25 Pa. Code Section 109.202(c)(1)(ii) or any other provision of the Safe Drinking Water regulations).
4. Based on the data obtained by PWSA under Paragraph 3, above, PWSA shall determine and provide documentation to the Department of the appropriate CT compliance location(s) which consistently and reliably indicate the lowest Giardia log inactivation among the locations described in Paragraph 3 above.

### NOTICE OF APPEAL RIGHTS

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 AT 717-787-3483 FOR MORE INFORMATION.

The undersigned person hereby acknowledges receipt of this order and any attachment(s) hereto. This signature does not constitute an acknowledgement that any or all of the violations listed above have occurred or continue to occur.

Received by:

Department Representative (Name & Title - Please Print)

Renee Diehl, Operation Section Chief

Telephone Number: (412) 442-4210

Department Representative's Signature:

*Renee Diehl*