

Application Type Renewal  
Facility Type Industrial  
Major / Minor Minor

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

Application No. PA0063754  
APS ID 639790  
Authorization ID 1255606

**Applicant and Facility Information**

Applicant Name	<u>Pennsylvania American Water Company</u>	Facility Name	<u>Huntsville Water Treatment Plant</u>
Applicant Address	<u>2699 Stafford Ave.</u> <u>Scranton, PA 18505</u>	Facility Address	<u>56 Reservoir Road</u> <u>Dallas Twp, PA 18612</u>
Applicant Contact	<u>Nancy Donahue</u>	Facility Contact	<u>Zack Kaufer</u>
Applicant Phone	<u>(570) 696-2878</u>	Facility Phone	<u>(570) 674-0525 x2</u>
Client ID	<u>87712</u>	Site ID	<u>480951</u>
SIC Code	<u>4941</u>	Municipality	<u>Dallas Township</u>
SIC Description	<u>Trans. &amp; Utilities - Water Supply</u>	County	<u>Luzerne</u>
Date Application Received	<u>November 19, 2018</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>December 18, 2018</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of existing NPDES permit.</u>		

**Summary of Review**

The applicant is requesting renewal of their NPDES permit to discharge treated industrial wastewater to the Huntsville Reservoir (Huntsville Creek stream code 63021), a CWF/MF designated receiving water in State Water Plan Basin 05-B (Toby – Wapwallopen Creeks). As per the Department's current existing use list, the receiving water does not have an existing use that is more protective than its designated use. The water source for this facility is also the Huntsville Reservoir, which has approximately 2 billion gallons of capacity.

In the previously issued permit, the discharge was modeled using a 0.409 MGD discharge value for Outfall 001. Newer flow data at the facility shows the average daily flow through Outfall 001 to be approximately 0.707 MGD. The discharge will not be modeled at this time using DEP's standard stream discharge modeling programs (WQM 7.0, PENTOX and the TRC Calculation Spreadsheet) since it's against best engineering judgment. Instead, the Pollutant Group 1 & 2 parameter sampling results were input into the Department's Toxic Screening Analysis Spreadsheet and modeled with PENTOX using the entire the lake's drainage area and a default LFY of 0.1 cfs/mi<sup>2</sup> to see if there was reasonable potential for any of the pollutants to degrade the waters in that specific scenario. Limitations were recommended for four metals: Antimony, Cadmium, Copper and Lead. From there, the effluent results were compared to the influent sampling results. Cadmium and Lead both showed no significant changes in concentration. Copper results showed a significant decrease from the influent to the effluent. The only influent Antimony sampling result was non-detect (using a QL of 2.0 µg/L), but the highest of the three effluent analyses was 16.5 µg/L. Quarterly monitoring/reporting is added to the permit for Total Antimony to monitor this pollutant of concern.

All other limitations from the previously issued permits are carried over for this renewal. Those technology-based limitations were developed using the Department's *Technology-Based Control Requirements for Water Treatment Plant Wastes* guidance document (doc. no. 362-2183-003, rev. 10/1/1997).

Approve	Deny	Signatures	Date
X		/s/ Brian Burden, E.I.T. / Project Manager	July 22, 2019
X		/s/ Amy M. Bellanca, P.E. / Environmental Engineer Manager	July 22, 2019

### Summary of Review

The facility is considered a “non-significant” industrial waste facility per the Department’s “Chesapeake Bay Industrial Wastewater Compliance Plan” (January 2010). As recommended in Appendix B of the Plan for water treatment facilities, nutrient monitoring is required quarterly.

Part C special conditions are included for Chemical Additives and Sedimentation Basin Cleaning requirements.

The previously issued permit expired on May 31, 2019 and the application for permit renewal was submitted in a timely manner. There are currently 6 open violations for the client (2 at the McKeesport STP in the Southwest Region and 4 at the Saw Creek Estates WWTF in the Northeast Region) that will need to be resolved before the final permit can be issued. See Inspection IDs 2891877, 2834937, 2835147, 2835155 and 2873184.



PENTOX.pdf



Watershed  
Information.pdf

### Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP’s discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

