

BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUESTS

TO PENNSYLVANIA-AMERICAN WATER COMPANY

Docket No. A-2017-2606103

Data Request 1

Data Requests A-2 through A-13 refer to information provided in the Application's Appendix A-5.

A-10. Please identify how HRG calculated 8,500 bulk customers in the “# Customers” sheet of their “MACM UVE Model – Final” Excel file and provide documentation that supports using this number.

Response: Customer breakdown was provided directly by the Municipal Authority of the City of McKeesport. They reported

Customer Count						
<i>Provided by Jeff Lape</i>						
	<u>Residential</u>	<u>Commercial</u>	<u>Municipal</u>	<u>Industrial</u>	<u>Bulk</u>	<u>Total</u>
Direct Billing Customers	12,202	1,179	72	0		13,453
Bulk Customers					8,500	8,500
Total:	12,202	1,179	72	0	8,500	21,953

This information was supported generally by Table 1: Tributary Municipality Customer Base (Attachment) which was included in the 2015 Chapter 94 Report to DEP. The table reports 20,140 residential customers while the table above indicates 20,702 residential customers. Although a difference of 562 customers may be considered significant, there are timing differences between the time the table was created, December 2014 and the UVE report in 2017. Customer classification differences too may be a contributing factor.

Responsible Witness: Adrienne M. Vicari, P.E.
Title: Financial Services Practice Leader, HRG

Date: July 14, 2017

The Municipal Authority of the City of McKeesport's sewage disposal system provides for collection, transportation, treatment and disposal of sanitary sewage from the City of McKeesport and other surrounding municipalities including White Oak, East McKeesport, Lincoln Borough, Liberty, Port Vue, Versailles, Glassport, North Versailles and Elizabeth Township. The Wasteload Management Reports (WMRs) for all of the tributary municipalities can be found in Attachment [7]. The communities included in the present service area are shown in Table 1.

Table 1: Tributary Municipality Customer Base

Municipality	Total Population	Residential Customers
East McKeesport Borough	505	237
Elizabeth Township	3,197	1,349
Glassport Borough	57	24
Liberty Borough	2,564	1,091
Lincoln Borough	255	81
City of McKeesport	19,731	8,769
North Versailles Township	6,962	2,925
Port Vue Borough	3,612	1,696
Versailles Borough	1,724	852
White Oak Borough	7,861	3,116
TOTAL	46,468	20,140

The initial system consisted of 32 stormwater diversion chambers, 5.8 miles of interceptor sewers, 1.4 miles of force mains, four collection system pumping stations, a plant pumping station and a wastewater treatment plant having an average design capacity of 9.50 mgd. In 1977, additional facilities to provide a secondary level of treatment were added at the wastewater treatment plant and the capacity of the plant was increased from 9.50 mgd to 11.50 mgd. Hydraulically, the WPCP can handle a peak flow of 20.0 mgd. The plant retains an organic loading capacity of 19,950 lbs BOD5/day.

In January 2009, the Authority acquired the sewage collection system from the City of McKeesport. The acquisition of the City of McKeesport sewage collection system included more than 550,000 feet of sewers ranging in size from 6" to 42" and two pump stations. The acquisition moved the Authority from being a bulk treatment-only Authority with ten customers to a service Authority with more than 7,400 customers.