



Reserve Township Town Hall

Operation & Maintenance Agreement for Reserve Township's Water and Wastewater Systems

Jennifer Presutti
Chief Operating Officer
Chief Financial Officer

Frank Sidari
*Chief Environmental
Compliance and
Ethics Officer*

May 1, 2023



Welcome & Introductions



Agenda

- ✓ **Logan Street**
- ✓ **Background**
- ✓ **System maintenance**
- ✓ **Administrative support**
- ✓ **Billing and collections**
- ✓ **Environmental compliance**
- ✓ **Reserve rate comparison**



Logan Street

Joint Statement

The Township of Reserve and the PWSA are committed to working together to engineer a solution for Logan Street. We will mutually agree on a cost share agreement and are committed to opening this street as soon as possible.

Discussions with Millvale are ongoing.

Background

- Operation and Maintenance Agreement
 - PWSA approached the Township in 2018
 - Township remains the owner
 - Flexible arrangement
- Phased Benefits
 - Modernize system
 - Administrative functions
 - Billing and collections
 - Regulatory compliance





Proactive Maintenance

- Maintenance
 - Response to emergency repairs- 24/7
 - Proactive, routine maintenance including flushing, hydrant testing, and valve turning
 - Proactive leak detection
- Procurement and contracting
- Permits
- Inventory management
- Testing and certified operator
- Lead line inventory and removal

Leak Repair

- Cost comparison
 - PWSA crews to repair a typical leak
 - 4 hours
- Restoration costs vary
 - average base repair at 10'x10', mill and pave of 50'x24', and 36 flagger hours
 - 3rd party contractor
 - \$9,911.55



1200 Penn Avenue
Pittsburgh, PA 15222
Phone 412.255.8800 Fax 412.393.0522

INVOICE

DATE: May 1, 2023
INVOICE #
FOR:

Bill To: Reserve Township
ATTN: Jan Kowalski, Township Manager
33 Lonsdale Street
Pittsburgh, PA 15212

DESCRIPTION	AMOUNT
Invoice for PWSA services at: <i>ABC STREET, RESERVE TOWNSHIP</i>	
Description of services: <i>Crew to repair typical leak for four hours</i>	
Labor	\$ 829.10
Vehicles and Equipment	\$ 653.08
Materials	\$ 208.25
Service Fee (5%)	\$ 93.02
TERMS: NET 45	
TOTAL	\$ 1,783.45

Administrative Functions

- Assist with regulatory reporting and compliance
- Budget preparation- operating and capital
- Application and reporting support for grants and low-interest funding
- Engineering and Construction services
- Geographic Information System (GIS) mapping and asset management





Billing and Collections

- PWSA will not raise your rates- set by Township
- Addition of customers to PWSA's billing system
- Update meters to advanced metering system (AMI)
- Revenue will be remitted back to Reserve Township
- Outreach to customers
- Move from quarterly to monthly billing
- Access to Customer Service department and Customer Portal
- Emergency Dispatch- 24/7

Drinking Water and Environmental Compliance Support

- Certified Drinking Water Operators to support operation of the distribution system.
- Compliance staff to support drinking water quality and environmental compliance requirements.
- Existing, new, and proposed regulations
 - PFAS MCL Rule
 - Lead and Copper Rule
 - Municipal Separate Storm Sewer System (MS4)

PA Code Chapter 109 Drinking Water Regulations

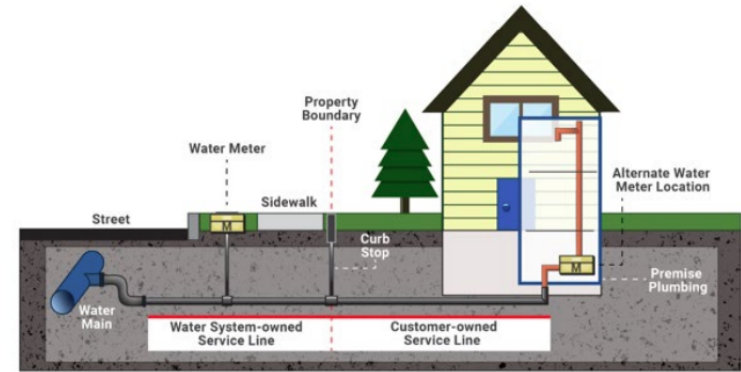
- 109.701. Reporting and recordkeeping.
- 109.702. Operation and maintenance plan.
- 109.703. Facilities operation.
- 109.704. Operator certification.
- 109.705. System evaluations and assessments.
- 109.706. System map.
- 109.707. Emergency response plan.
- 109.708. System service and auxiliary power.
- 109.709. Cross-connection control program.
- 109.710. Disinfectant residual in the distribution system.
- 109.711. Disinfection of facilities prior to placing them into service.
- 109.712. Control of POE devices.
- 109.713. Source water protection program.
- 109.714. Filter profile, filter self-assessment and comprehensive performance evaluations.
- 109.715. Seasonal systems.
- 109.716. Nitrification control plan.
- 109.717. Significant deficiencies.
- 109.718. Comprehensive monitoring plan.

Drinking Water Monitoring Requirements

Parameter	Monitoring Frequency	Sampling Period	Number of Samples
Chlorine	Monthly	Each Month	4
Total Coliforms	Monthly	Each Month	4
Haloacetic Acids (5)	Quarterly	Feb 5, May 5, Aug 5, Nov 5	2
Trihalomethanes	Quarterly	Feb 5, May 5, Aug 5, Nov 5	2
Lead and Copper	3-Years	June-September, 2025	20

Lead and Copper Rule Revisions

- Federal (EPA) Rule – Published January 15, 2021
- Service Line Inventories
 - Due to DEP by October 16, 2024
 - The service line inventory must:
 - Include all service lines
 - Use system information to help identify the materials
 - Categorize/classify each service line
 - Identify and track each service line
 - Be updated
 - Be publicly accessible
 - Include a location identifier for each service line



System-Owned Portion	Customer-Owned Portion	Service Line Classification ¹
Material Type	Material Type	
Lead or lead-lined	Any material	Lead
Any material	Lead or lead-lined	Lead
Unknown	Any material but lead or lead-lined	Lead Status Unknown
Any material but lead or lead-lined	Unknown	Lead Status Unknown
Any material but lead, lead-lined, galvanized, or unknown	Any material but lead, lead-lined, galvanized, or unknown	Non-Lead ¹

PFAS MCL Regulations

State (DEP) Rule – Published January 14, 2023

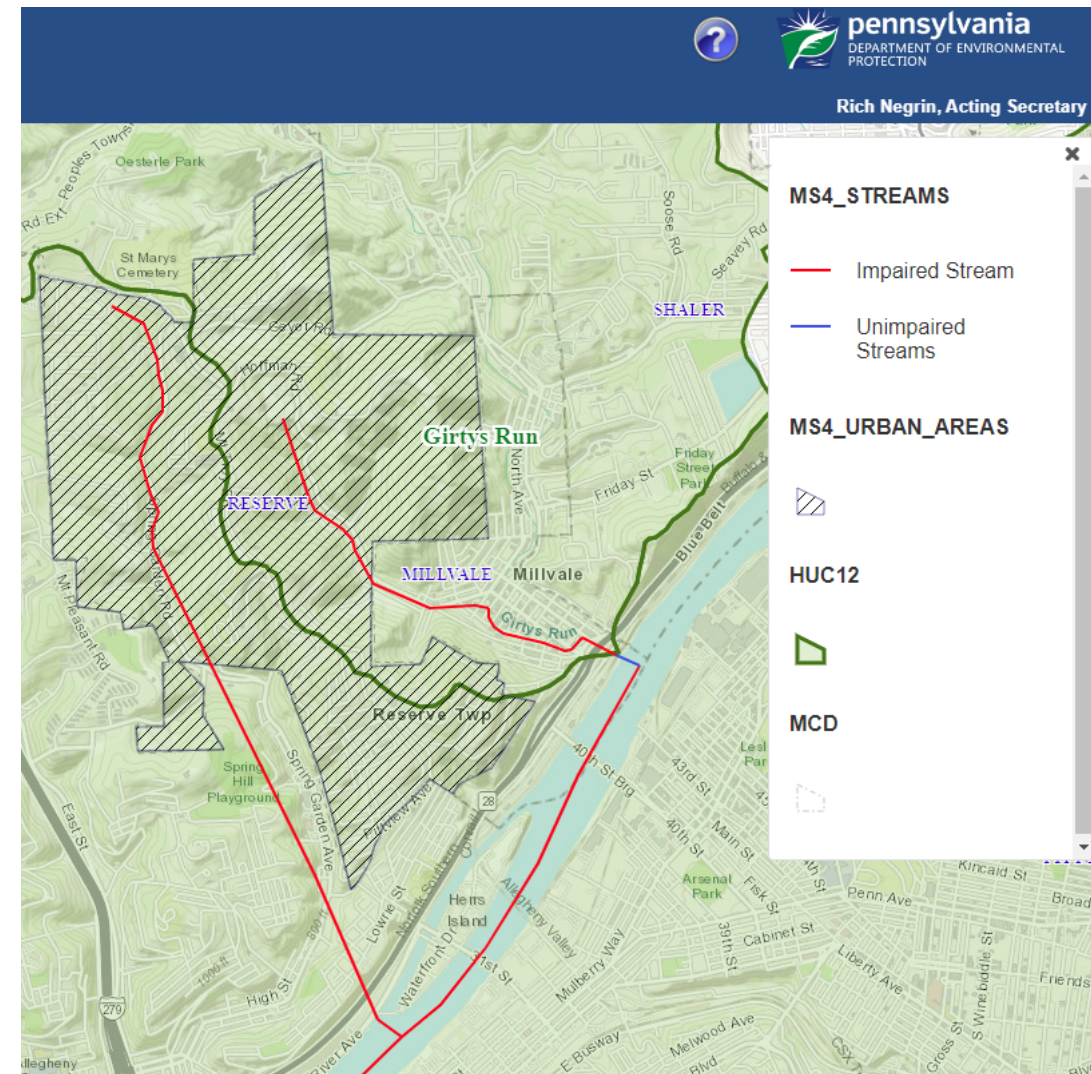
- Establishes limits for two PFAS compounds
- Requires quarterly testing starting in 2024
- Consecutive Water Systems (like Reserve) may be exempt from monitoring

Federal (EPA) Proposed Rule – March 2023

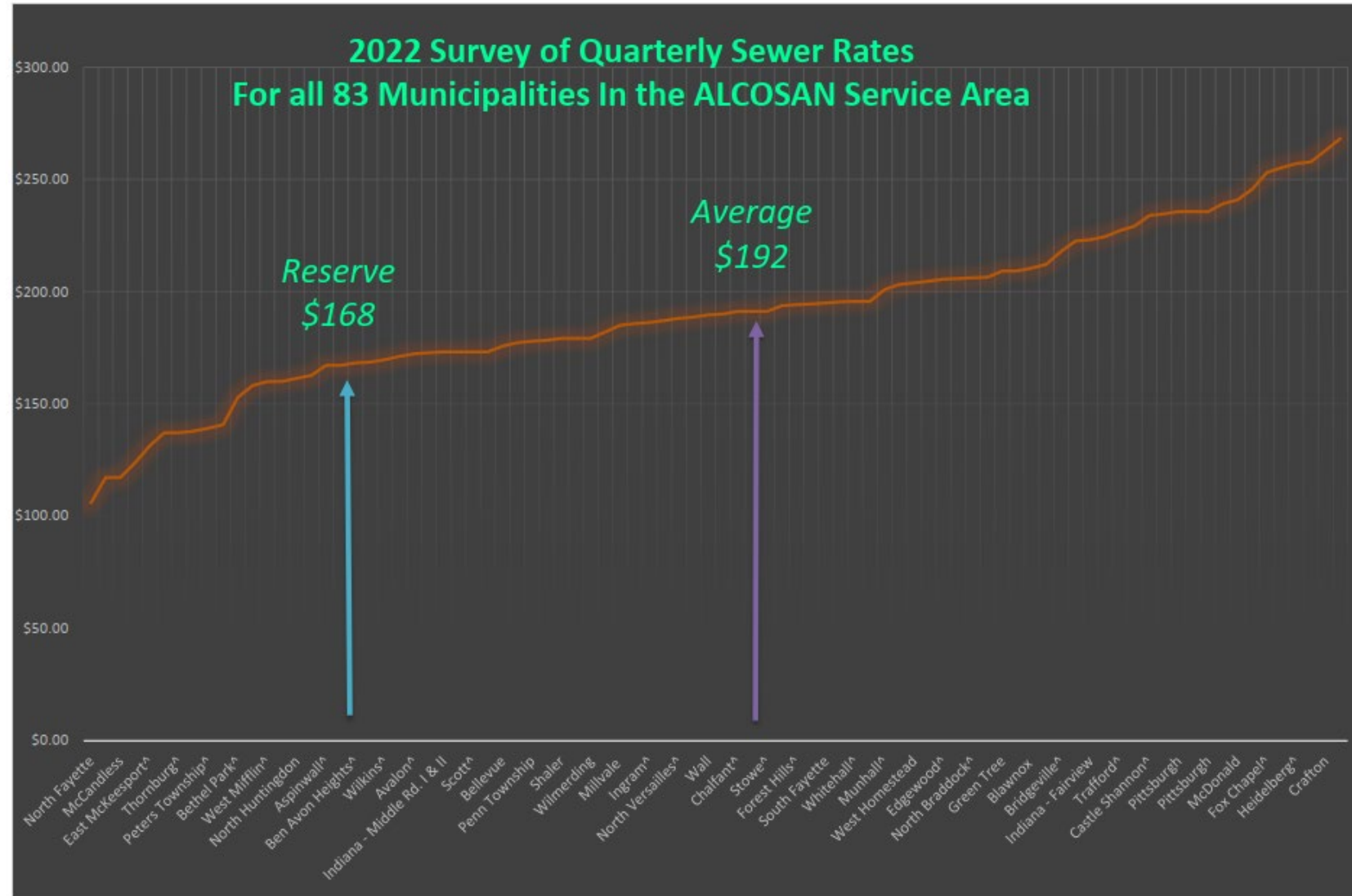
- Proposed rule in process
- Addresses six PFAS compounds
- Monitoring requirements not yet established

Municipal Separate Storm Sewer System (MS4)

- NPDES PAG136149
- Impaired Downstream Waters
 - Ohio River
 - Allegheny River
 - Girtys Run
 - Unnamed Tributaries to Allegheny River
- Mapping of Outfalls
- Illicit Discharges
- Pollutant Reduction Projects
- Reporting Requirements



Sewer Rates





Thank you

Email any feedback or questions to:

Jen Presutti
JPresutti@pgh2o.com

