



April 30, 2025

Electronically Filed  
Rosemary Chiavetta, Secretary  
PA Public Utility Commission  
Keystone Bldg., 2nd Floor  
400 North Street Harrisburg, PA 17120

**Re: Pittsburgh Water Quarterly Compliance Plan Progress Report Consolidated  
Docket Numbers: M-2018-2640802 (water), M-2018-2640803 (wastewater), P-2018-3005039 (wastewater)**

Dear Secretary Chiavetta:

Enclosed please find the Pittsburgh Water Compliance Plan Quarterly Update Report for the first quarter of 2025. This Report is being filed pursuant to the Commission's March 26, 2020 Opinion and Order entered at the above referenced docket numbers which addressed compliance issues regarding Pittsburgh Water's transition to the Commission's jurisdiction effective April 1, 2018 pursuant to 66 Pa. C.S. §§ 3201-3209.

As part of its reporting requirements, Pittsburgh Water has prepared an update on each of the areas where it is required to provide information and compiled them in a standard format. These areas include Operations, Billing and Customer Service, Lead, Infrastructure/Engineering, Finance and Accounting, and Contractual/Other Issues. Each section addresses the requirements associated with: (1) the Partial Settlement approved pursuant to the March 26, 2020 Opinion and Order (also referred to as the "Master List of Stipulations"); (2) Pittsburgh Water's Revised Compliance Plan as filed April 27, 2020; and (3) the Settlement of Pittsburgh Water's 2020 rate case approved on December 3, 2020 at Docket Nos. R-2020-3017951 and R-2020-3017970.

Sincerely,

*William J. Pickering*

William Pickering, Chief Executive Officer

**Pittsburgh Water and Sewer Authority**  
**PUC Quarterly Update Report**  
**Q1 2025**



## Contents

|                                                            |           |
|------------------------------------------------------------|-----------|
| <b>Contents.....</b>                                       | <b>3</b>  |
| <b>1. Operations .....</b>                                 | <b>4</b>  |
| a. Compliance Plan Supplement Requirements .....           | 4         |
| <b>2. Customer Service.....</b>                            | <b>4</b>  |
| a. Compliance Plan Supplement Requirements .....           | 4         |
| <b>3. Lead .....</b>                                       | <b>7</b>  |
| a. Tariff and Compliance Plan Supplement Requirements..... | 7         |
| <b>4. Infrastructure .....</b>                             | <b>9</b>  |
| a. Master List of Stipulation Requirements .....           | 9         |
| b. Compliance Plan Supplement Requirements .....           | 9         |
| c. Compliance Plan Requirements.....                       | 11        |
| <b>5. Finance, Contractual, and Other Issues .....</b>     | <b>12</b> |
| a. Compliance Plan Supplement Requirements .....           | 12        |
| b. Compliance Plan Requirements.....                       | 13        |

**Appendix A – Completed Compliance Plan Requirements**

**Appendix B – Title 52 Sections where Pittsburgh Water Believes it is Currently in Compliance**

**Appendix C – 20 Operating Metrics Identified in I&E St. No. 4, p. 5**

**Appendix D – Low Income Customer Billing Metrics**

**Appendix E – Contact Center Metrics, Customer Service Monthly Reports, and Collections Report**

**Appendix F – Vacancy Report**

**Appendix G – Microfiltration Plant**

**Appendix H – Lead COA**

**Appendix I – FR\_III.1**

**Appendix J – Future Debt**

**Appendix K – Capital Project Update**

**Appendix L – Projected Expenditures**

# 1. Operations

Operations activities are those that involve operations and maintenance (O&M) in the water, wastewater, and stormwater systems. This includes O&M activities at the Aspinwall Water Treatment Facility, as well as O&M activities in the water transmission, storage and distribution systems and the wastewater/stormwater collection and conveyance systems.

## a. Compliance Plan Supplement Requirements

The Compliance Plan Supplement addresses topics including hydrant replacement, leak detection, valve maintenance, metered service, meter testing/replacement, operational effectiveness, and an expanded use of mobile work, as shown in Table 1. This section lays out each of the requirements that Pittsburgh Water has committed to meeting, as well as a progress update and/or plan for achieving the PUC's standards. Below the table is a narrative describing each task yet to be completed. Completed tasks are also shown in Appendix A.

Table 1: Compliance Plan Supplement Requirements - Operations

| Task                                   | Timeline (if specified in the Compliance Plan Supplement) | Progress to Date                              |
|----------------------------------------|-----------------------------------------------------------|-----------------------------------------------|
| Replace one hundred hydrants per year. | On-going                                                  | A total of 29 hydrants were replaced in 2025. |

### i. Replace one hundred hydrants per year

Pittsburgh Water agreed to replace one hundred hydrants per year. The replacement program is focused on removing older models from service on larger diameter mains. Pittsburgh Water has replaced a total of 29 hydrants in 2025. The work associated with this task is being completed using both contractors and in-house staff. Hydrant replacements are coordinated with the small diameter main replacement program so that new hydrants are installed on new mains that replace older 4- and 6-inch mains that provide inadequate flow and/or pressure. Hydrant inspections continue to exceed previous year totals.

# 2. Customer Service

Many of the PUC's requirements relating to Customer Service fall under Chapter 56 of Title 52, which was created to establish and enforce "uniform, fair, and equitable residential public utility service standards." Pittsburgh Water has taken considerable steps to ensure Customer Service compliance, and many of the initiatives agreed to in the Master List of Stipulation Requirements, Tariff Settlements, and Compliance Plan Stage 1 and Stage 2 Settlements are complete.

## a. Compliance Plan Supplement Requirements

The Compliance Plan Supplement addresses topics including informal complaints, bill changes, use of collection services, customer service metrics, and creating/working with the LIAAC as shown in Table 2. This section lays out each of the requirements that Pittsburgh Water has committed to meeting, as well as a progress update and/or plan for achieving the PUC's standards. Below the table is a narrative discussion of each task that has yet to be completed. Tasks associated with the Compliance Plan Supplement that were completed in prior reporting periods are shown in Appendix A.

Table 2: Compliance Plan Supplement Requirements – Customer Service

| Task                                                                                                                                                                                                                | Timeline (if specified in the Compliance Plan Supplement) | Progress to Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Make the changes identified in Paragraphs III.1.1 through III.10 of the Settlement consistent with the timeframes established by the final order in this proceeding and provide a copy of the changes to the LIAAC. |                                                           | <p>The following are complete with a portion of (c) on-going:</p> <ul style="list-style-type: none"> <li>Improved outreach and messaging for programs (a);</li> <li>Launched a social media campaign (b);</li> <li>Designed a comprehensive arrearage forgiveness component to address arrears at the time of enrollment, scheduled to launch with the SAP go-live in August 2022 (c);</li> <li>Assessed applicable data (d);</li> <li>Pittsburgh Water launched two campaigns to fund the Hardship Grant in December 2020; an internal campaign to its employees, and an external campaign to its customers (e);</li> <li>Explored issues related to the structure of the Hardship Grant program (f);</li> <li>Reviewed changes to Pittsburgh Water Customer Service policies and procedures (g); and</li> <li>Funded BDP with separate budgets for water and wastewater (h).</li> </ul> |

- i. Make the changes identified in Paragraphs III.1.1 through III.10 of the Settlement consistent with the timeframes established by the final order in this proceeding and to provide a copy of the changes to the LIAAC

Pittsburgh Water has completed the changes identified in Paragraphs III.1.1 through III.10 of the Settlement, consistent with the timeframes established by the final order in this proceeding. The changes that have been made were reviewed with the LIAAC and are contained within archived presentations to the committee. As of this quarter, the only outstanding item is a portion of “c” that is on hold per section III.E.3.f of the Joint Petition for Settlement filed on October 30, 2023.

Table 3: Compliance Plan Requirements- Interim Personal Contact Process Results

|                                                     | January 2025 | February 2025 | March 2025 |
|-----------------------------------------------------|--------------|---------------|------------|
| Personal Contact Attempts                           | 38           | 78            | 89         |
| Terminations Completed                              | 19           | 52            | 55         |
| Terminations Placed on Hold Due to Personal Contact | 5            | 12            | 15         |
| Terminations Not Completed Due to Curb Box Issues   | 14           | 14            | 19         |

## Customer Satisfaction Survey

Per the Joint Petition for Settlement approved by the Commission on December 3, 2020, Pittsburgh Water submits these findings from its second Customer Satisfaction Survey.

Between October 28 and November 21, 2024, Pittsburgh Water conducted its second, bi-annual Customer Satisfaction Survey. The first Customer Satisfaction Survey was conducted in 2022.

The survey gauges overall customer satisfaction and perceptions associated with service offerings. It also gathers feedback on customer priorities and provides a measure of experience with customer service and communications. Findings from the survey help to identify opportunities to improve customer service and communication with customers.

### **Methodology**

We received responses from 800 Pittsburgh Water residential customers who are responsible for household utility bills and decisions. The survey was conducted online, and respondents were recruited from two distinct sources.

1. A direct email invitation to our internal customer email list (342 responses)
2. Invitation to neighborhood associations shared with their constituents (458 responses)

The majority of responses were received from customers who received the invitation through their neighborhood association.

### **Key Findings**

The key findings from the survey are as follows:

- 65% of customers rate their overall satisfaction with Pittsburgh Water as excellent or very good.
  - Most common reasons for positive satisfaction include reliable water supply and service, excellent customer service, deliver clean, high-quality water, effective water treatment and disinfection, effective communication with customers, and responsive to customer issues.
- 72% of customers have seen major or minor improvements from Pittsburgh Water since 2018, an increase of 23% over previous survey.
  - The improvements customers are noticing include improved water quality, improved customer service, and water main replacements and upgrades.
- 69% trust Pittsburgh Water to make smart decisions about water and sewer services, an increase of 12% over previous survey.
- 72% trust Pittsburgh Water to provide transparent communication about water and sewer services.
- Top customer priorities include water quality, protecting source water from pollution, keeping lead levels low, and investing in water and sewer systems to prepare for the future, even if it means raising rates.
- On average, 55% of customers rank our performance on these priorities as excellent or very good.
- 58% of customers indicate that they are satisfied with the frequency of communication from Pittsburgh Water.
- 48% of customers have contacted Customer Service and 89% of those customers were completely satisfied with their interaction.
- 75% of customers are familiar with Pittsburgh Water's Customer Assistance Programs. Of those, 51% are eligible for the programs and 89% are currently enrolled.
- 62% of customers realize that the names Pittsburgh Water and Sewer Authority, PWSA, PGH2O, and Pittsburgh Water are different names for the same entity.

### **Enhanced Stormwater Communications**

On March 26, 2025, Pittsburgh Water hosted the Save Water, Save Money Stormwater Workshop in partnership with the Penn State Extension. Taking place for the second year, the workshop provided customers with ideas for managing stormwater on their properties as well as an overview of the stormwater fee and credit program. Additional outreach and education plans related to stormwater include:

- Develop a postcard for the rain barrel credit and the stormwater fee credit;
- Audit website content on stormwater to make certain that it is easy to understand;
- Continue to include stormwater fee office hours as outreach;
- Host two Water Workshops focusing on infrastructure investments, the water treatment process, and methods for maintaining water quality;
- Provide Green Infrastructure Project tours for educators;
- Launch to the public this summer a program to look at opportunities to convert vacant lots to green infrastructure, with a focus on environmental justice neighborhoods; and
- Organize a Community Water Academy, in collaboration with the WaterNow Alliance and River Network, to create authentic and equitable relationships between community organizations and water authorities. The academy would launch in 2026.

Pittsburgh Water continues to look for opportunities to partner with community groups, the City of Pittsburgh, and others to help engage community members on stormwater education and projects.

### 3. Lead

One of the major focus areas of the Tariff and Compliance Plan Supplement was Pittsburgh Water's lead remediation program. The following sections lay out the requirements related to lead, as well as the actions that Pittsburgh Water has already taken or are underway to address this issue.

#### a. Tariff and Compliance Plan Supplement Requirements

The Compliance Plan Supplement addresses topics including the Community Lead Response Advisory Committee (CLRAC), customer outreach and communication, feasibility analysis, and service line replacement practices as shown in Table 4. This section lays out each of the requirements that Pittsburgh Water has committed to reporting on a quarterly basis. Below the table is a narrative discussion of each area.

*Table 4: Compliance Plan Supplement Requirements – Lead*

| Task                                                                                                                               | Timeline (if specified in the Compliance Plan Supplement) | Progress to Date                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provide Data on lead service line replacements completed and location of replacements.                                             | Quarterly                                                 | Please see the data included in Appendix H.                                                                                                                       |
| Results of the Lead Level Testing                                                                                                  | N/A                                                       | See Table Below. Based on historic sampling results and a recent Water Quality Parameter Permit, the next sampling event will occur in the summer of 2025.        |
| Pittsburgh Water will provide information regarding actual replacement costs including quarterly and cumulative year-to-date data. | Quarterly                                                 | Replacement costs were \$2,406,286 for the 1st quarter of 2025. These do not include costs for LSLR as part of the Small Diameter Water Main Replacement program. |

i. Provide Data on lead service line replacements completed and location of replacements

The data showing all lead service line replacements during the first quarter of 2025 is included in Appendix H.

ii. Results of the Lead Level Testing

Results of the Lead Level testing are as follows:

| Sample Round | 90 <sup>th</sup> Percentile<br>Sample Result (ppb) |
|--------------|----------------------------------------------------|
| 1998         | 9                                                  |
| 1999         | 2                                                  |
| 2000         | 8                                                  |
| 2001         | 6                                                  |
| 2004         | 9.5                                                |
| 2007         | 9                                                  |
| 2010         | 10.3                                               |
| 2013         | 14.8                                               |
| 2016a        | 22                                                 |
| 2016b        | 18                                                 |
| 2017a        | 15                                                 |
| 2017b        | 21                                                 |
| 2018a        | 10                                                 |
| 2018b        | 20                                                 |
| 2019a        | 17.5                                               |
| 2019b        | 10                                                 |
| 2020a        | 5.1                                                |
| 2021b        | 7.05                                               |
| 2022a        | 4.42                                               |
| 2022b        | 5                                                  |
| 2023a        | 3.41                                               |
| 2023b        | 3.58                                               |

iii. Pittsburgh Water will provide information regarding actual replacement costs including quarterly and cumulative year-to-date data

Actual replacement costs for the 1st quarter of 2025 are \$2,406,286. These costs do not include service lines replaced as part of the Small Diameter Water Main Replacement Contracts.

The Compliance Plan requirements associated with Pittsburgh Water's lead remediation program were addressed through the Tariff and Compliance Plan Settlement document.

## 4. Infrastructure

Infrastructure activities are those that involve capital planning, investment, and installation/renewal in the water, wastewater, and stormwater systems. This includes distribution system master planning, meter installations, capital project cost/projection effectiveness, record keeping, pressure assurance, and design/construction standards updates.

### a. Master List of Stipulation Requirements

The Master List of Stipulation Requirements was developed in July 2019 to respond to feedback from the Parties, and to codify additional reporting requirements for Pittsburgh Water. Table 5 highlights these additional reporting requirements.

*Table 5: Infrastructure Requirements from the Master List of Stipulations*

| Task                                      | Timeline (if specified in the Master List of Stipulations) | Progress to Date                                                                                                     |
|-------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Projected Expenditures                    | Quarterly                                                  | Located in Appendix L                                                                                                |
| LTIIP – Materials, Valves, Prioritization | Quarterly                                                  | Pittsburgh Water is continually updating GIS mapping and attribute information to facilitate reporting on this data. |

#### i. Projected Expenditures

Projected expenditures for open and active projects and details about funding sources are included in Appendix L in the document.

#### ii. LTIIP – Materials Report, Valves, Prioritization

Material, size, and other key attributes of the primary water and sewer assets continue to be updated. As the data becomes available and Pittsburgh Water's GIS is updated, Pittsburgh Water will provide a comprehensive materials report and updated information regarding types and sizes of valves in future Compliance Plan Progress Reports. Pittsburgh Water will also provide additional information regarding the prioritization of valve and main replacements and will notify the parties when its Computerized Maintenance Management System (CMMS) project is implemented.

### b. Compliance Plan Supplement Requirements

The Compliance Plan Supplement addresses topics including development of a distribution system master plan, a district metering program, the Highland Membrane Filtration Plant (HMFP)/Highland No. 1 Reservoir, and the cost effectiveness of Pittsburgh Water's projections, as shown in Table 6. This section lays out each of the requirements that Pittsburgh Water has committed to meeting, as well as a progress update and/or plan for achieving the PUC's standards. Below the table is a narrative discussion of each area.

*Table 6: Compliance Plan Supplement Requirements – Infrastructure*

| Task                                                                                   | Timeline (if specified in the Compliance Plan Supplement) | Progress to Date                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Develop and implement district metering program.                                       | 2020                                                      | A draft district metering plan was provided as part of the Water Distribution System Master Plan. The first phase is to rehabilitate metering at the pump stations. Pump Station metering equipment has been installed. Flow transmitters are currently being calibrated annually by a third party. |
| Develop a plan to track cost effectiveness and cost reporting relative to projections. | With future filings                                       | Pittsburgh Water is monitoring several metrics related to the effectiveness of its cost projections through its eBuilder project management software.                                                                                                                                               |
| Update on Orthophosphate Program                                                       | Quarterly                                                 | On Target                                                                                                                                                                                                                                                                                           |

#### i. Develop and implement district metering program

Pittsburgh Water currently has operational flow meters at the following locations:

- Raw Water Meter: Ross Pump Station Discharge
- Treated Water Meters: Individual filter gallery effluent flow meters
- System Delivery Flow Meters:
  - Aspinwall Pump Station
  - Bruecken Pump Station Highland Reservoir No. 2 (Rising Mains 3 and 4)
  - Fox Chapel Pump Station
- District Meters
  - Highland Reservoir No. 1 60-inch Transmission Line (Meter Number MFP-1)
  - Highland Reservoir No. 1 30-inch Transmission Line (Meter Number MFP-2)
  - Lincoln Pump Station
- System Delivery Flow Meters
  - Bruecken Pump Station Highland Reservoir No. 1 (Rising Mains 1 and 2) - These meters were not able to be reinstated due to issues with the startup of the Membrane Filtration Plant. This meter is still not reinstalled, until Rising Main 1 can be taken out of service.
- Pump Station Flow Meters

Additional flow meters will be installed as part of the rehabilitation of the booster chlorination facilities at the discharge of the tanks and reservoirs. Pump Station flow meters will be replaced as part of rehabilitation of the pump stations planned in the 2025-2029 Capital Improvement Plan (see Appendix L).

#### ii. Develop a plan to track cost effectiveness and cost reporting relative to projections

Pittsburgh Water has begun to monitor several metrics related to cost effectiveness and cost reporting relative to its projected capital spending. It is using the eBuilder project management software to track project costs and progress, which allows advanced calculation of performance metrics. Currently, Pittsburgh Water is tracking project total costs and cash flow relative to budget. Pittsburgh Water is working on defining additional metrics such as Estimated Cost at Completion (ECAC), schedule variance, change order volume and percentage of total project, etc., and has scheduled a preliminary internal review to receive, review, and address comments. A list of metrics being considered for tracking, as was requested by the PUC and other interested parties is contained in Appendix C.

### iii. Update on Orthophosphate Program

Construction of four new Orthophosphate Addition Facilities (one each at both the Aspinwall and Bruecken Pump Stations and two at Highland Park Reservoir No. 1) was completed in April 2019. Start-up of the facilities were taken in phases: Bruecken PS was April 1, Aspinwall PS was April 15 and Highland 1 Facilities began April 29, 2019. Full orthophosphate application is ongoing, and multiple rounds of water quality testing has shown water quality improvements at customers with lead service lines.

The project associated with the construction of the Orthophosphate Addition Facilities is the “Corrosion Control Chemical Storage and Feed Systems” Project, Pittsburgh Water Project No. 2017-322-107-0. This project was extended in July 2019 to permit the design and construction of modified orthophosphate chemical storage containers at both the Aspinwall Pump Station and Bruecken Pump Station, converting from temporary soft walled poly totes to permanent double-wall storage tanks with exterior fill stations and associated structural improvements (interior and exterior). This modification is typical of the design implemented at the two Highland No. 1 Orthophosphate Storage Sites and is completed. This modification was requested by Pittsburgh Water Operations to reduce concerns associated with handling and transporting the chemical during refilling and replacing totes at these sites. Pittsburgh Water received Public Water Supply Construction permit dated April 7, 2022. The two tanks at each site have been installed, and the Aspinwall PS tanks have been feeding since July 19, 2022. Once the Highland Reservoir 2 was back online, the Bruecken tanks were able to be tested. An operating permit for the Bruecken tanks was received on January 9, 2023. This project is now in closeout.

### c. Compliance Plan Requirements

For Pittsburgh Water’s infrastructure area, the Compliance Plan addresses topics including records management, meeting pressure requirements, metering municipal and flat rate customers, metering all sources of supply, ensuring appropriately sized mains and operable valves, and incorporating the PUC’s design requirements into a formalized design manual (Table 7). Compliance tasks associated with PUC Section 65.8 (Meters – Change-outs) and 65.17 (Standards of Design – Flushing Program) have already been addressed in the Compliance Plan Supplement Requirements. As such, this section lays out each of the remaining infrastructure requirements for Pittsburgh Water, as well as a progress update and/or plan for achieving the PUC’s standards.

*Table 7: Compliance Plan Requirements – Infrastructure*

| Task                                                                                                                   | Timeline (if specified in the Compliance Plan) | Progress to Date                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 65.4 Update GIS with main installation date and material.                                                              | On-going                                       | Pittsburgh Water is continuing to update GIS attribute information using historic record drawings. All water and sewer mains currently mapped in the GIS data layers have been manually reviewed, and installation dates have been populated where available. |
| 65.4 Update GIS with hydrant and valve status.                                                                         | On-going                                       | On-going                                                                                                                                                                                                                                                      |
| 65.4 Organize, store, and input current records backlog into GIS.                                                      | On-going                                       | On-going                                                                                                                                                                                                                                                      |
| 65.17 Continue to work on replacing all 4" water mains.                                                                | On-going                                       | On Target, to be addressed by Master Plan and Small Diameter Water Main Replacement Program.                                                                                                                                                                  |
| 65.17 Incorporate the PUC's design requirements, specifications, and standard details into a formalized design manual. | 2019 and 2020                                  | Formalized design manual in progress                                                                                                                                                                                                                          |

#### i. 65.4 - Records

Section 65.4 of Chapter 65 requires that utilities must keep complete maps, plans, or records of their entire distribution systems showing the size, character, and location of each main, street valve, and service line. In meeting this obligation, Pittsburgh Water Document Management team has developed and introduced policies and procedures for records digitization, standardized indexing, long term maintenance, and efficient retrieval. These policies are now in effect and supported by the ongoing use of a digital document management system provided by Docuware.

Within GIS, attributes such as main installation date, diameter, material, valve location, and hydrant details are being populated on an ongoing basis as record documents continue to be reviewed. Pittsburgh Water has made significant progress in enabling hyperlinks to the digitized record document file locations established in Docuware. Work will continue indefinitely as new record sets are identified and construction projects are completed. Associated metrics are shown in Appendix C.

#### ii. 65.17 – Standards of Design

Pittsburgh Water has updated its standard details and specifications and based on the PUC's standards of design and plans to produce a formalized design manual.

## 5. Finance, Contractual, and Other Issues

Pittsburgh Water has already made considerable effort to ensure compliance regarding financial, contractual, and other issues, and many of the initiatives agreed to in the Tariff Settlement, Compliance Plan or the Compliance Plan Supplement have already been completed. The following sections focus on identifying the remaining requirements and highlighting Pittsburgh Water's progress in each of these areas.

### a. Compliance Plan Supplement Requirements

The Compliance Plan Supplement addresses topics including negotiations with the City of Pittsburgh and ALCOSAN, rates for public fire hydrant service, flat rates for unmetered customers, the discount for Pennsylvania American Water customers, as shown in Table 8. This section lays out each of the requirements that Pittsburgh Water has committed to meeting, as well as a progress update and/or plan for achieving the PUC's standards. Below the table is a narrative discussion of each area. Tasks that were completed and reported on in previous updates have been moved to Appendix A.

*Table 8: Compliance Plan Supplement Requirements – Finance, Contractual, and Other Issues*

| <b>Task</b>                                                                                                                                              | <b>Timeline (if specified in the Compliance Plan Supplement)</b> | <b>Progress to Date</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------|
| Investigate the allocation of flows to ALCOSAN and other municipalities to determine the feasibility of measuring stormwater separately from wastewater. |                                                                  | On-going                |
| Evaluate the potential ways to address Pittsburgh Water's contract with ALCOSAN, including renegotiation of the contract.                                |                                                                  | On-going                |

- i. Investigate the allocation of flows to ALCOSAN and other municipalities to determine the feasibility of measuring stormwater separately from wastewater

Approximately 70% of Pittsburgh Water’s collection system is combined, which prevents the Authority from accurately measuring stormwater and wastewater separately. However, Pittsburgh Water is investigating the allocation of flows to ALCOSAN and studying the value, maintenance requirements, and use ratios for its shared conveyance system.

- ii. Evaluate the potential ways to address Pittsburgh Water’s contract with ALCOSAN, including renegotiation of the contract

Pittsburgh Water has initiated evaluation of its contract with ALCOSAN and is in the process of identifying opportunities to address existing issues.

## b. Compliance Plan Requirements

For Pittsburgh Water’s financial, contractual, and other areas, the Compliance Plan addresses topics including the system of accounts, annual financial reporting requirements, a workforce diversity policy, and emergency response planning and self-certification requirements, as shown in Table 9. This section lays out each of the remaining financial, contractual, and other requirements for Pittsburgh Water, as well as a progress update and/or plan for achieving the PUC’s standards.

*Table 9: Compliance Plan Requirements – Finance, Contractual, and Other Issues*

| Task                           | Timeline (if specified in the Compliance Plan) | Progress to Date |
|--------------------------------|------------------------------------------------|------------------|
| 73.5 Service Life Study Report | June 1, 2025                                   | On Target        |
| Capital Lease Agreement        | 2025                                           | On Target        |

### i. 73.5 - Service Life Study Report

Section 73.5 stipulates that public utilities with intrastate gross revenues in excess of \$20 million per year shall file a service life study report with the Office of Special Assistants every five years. Pittsburgh Water met this requirement by filing the Service Life Study Report in June 2020. The next service life study report will be due June 1, 2025.

### ii. Capital Lease Agreement

Pittsburgh Water plans to purchase the system for \$1 when eligible in 2025, unless a new arrangement is negotiated and approved by the Commission in advance of that timeline.

## 6. Appendix A – Completed Compliance Plan Requirements

| Task                                                                                                                           | Timeline (if specified in the Compliance Plan Supplement) | Progress to Date                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operations</b>                                                                                                              |                                                           |                                                                                                                                                                              |
| Install a new meter test station for testing 5/8" to 2" meters.                                                                | April 2019                                                | Completed                                                                                                                                                                    |
| Develop a leak detection program and restructure staff to add more personnel for leak detection.                               | April 2019                                                | Completed                                                                                                                                                                    |
| Hire a private contractor to test meters that are 3" and above on site or at their facility.                                   |                                                           | Completed. The PWSA Board of Directors awarded this contract to Vanguard on April 26, 2019.                                                                                  |
| 65.8 Develop criteria for when to test meters that have been pulled from service, prior to disposal.                           | Within 6 months of Compliance Plan Filing                 | Completed                                                                                                                                                                    |
| 61.17 Implement a flushing program                                                                                             | 2020                                                      | Completed. Flushing program has been implemented. Tracking of hydrants flushed and inspected in Spry Mobile.                                                                 |
| 67.1 Develop a SOP to notify the Commission during periods of unscheduled service interruptions                                | Within 6 months of Compliance Plan Filing                 | Completed                                                                                                                                                                    |
| Record water used for flushing after main breaks by having crews record the time flushed and flow gauges to record water used. | October 2019                                              | Completed. Recording water lost during the leak has been developed and is in Spry Mobile. Water usage is also being recorded for flushing hydrants during normal operations. |
| Track the 20 Operating Metrics identified in I&E St. No. 4, p. 5                                                               |                                                           | Completed. PWSA is tracking the 20 Operating Metrics identified in I&E St. No 4, p. 5. Results of these operating metrics will be shown in Appendix C as data is available.  |
| Develop a plan to track age of customer meters and to test and/or replace meters over 20 years old.                            |                                                           | Completed. Plan has been developed; Customer Service is currently tracking installation dates.                                                                               |
| 65.7 Hire a contractor to assist with inspecting, sizing, and installing meters for municipal and unmetered properties.        | 2024                                                      | Completed. Contractor was hired to assist with inspecting, sizing, and installing meters.                                                                                    |
| 65.11 Develop SOPs, including communications protocols, for periods of mandatory conservation.                                 | 2020                                                      | Completed. Drought Contingency Plan developed in August 2021                                                                                                                 |
| 65.8 Add additional plumbers to address 50,000 meters that are overdue for testing/change-out.                                 | Immediately                                               | Completed. Additional plumbers have been hired.                                                                                                                              |
| Restructure to support delivery of formal valve operation, flushing, and leak detection programs                               | April 2019                                                | PWSA has completed its restructuring and met valve inspection and hydrant inspection goals.                                                                                  |
| 65.8 Develop a program to test 10-25% of commercial meters annually.                                                           | 2022                                                      | Completed                                                                                                                                                                    |
| 69.16 Update Emergency Response Plan SOPs                                                                                      | Within 6 months of Compliance Plan Filing                 | On-going                                                                                                                                                                     |

|                                                                                                                                                                                        |                                                            |                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Customer Service</b>                                                                                                                                                                |                                                            |                                                                                                                                     |
| Conduct a regular review of informal complaint information to determine complaint trends and whether there is a need to implement additional or new internal training policies.        |                                                            | PWSA is regularly reviewing informal complaints to determine trends and the need for further training.                              |
| Track whether customer complaints are related to water, sewer, or stormwater.                                                                                                          | Monthly                                                    | Completed                                                                                                                           |
| Suspend the use of Jordan Tax Service, Inc.                                                                                                                                            | With the Commission's final order approving the Settlement | Completed                                                                                                                           |
| Track the following metrics: Abandon %, ACD handling time, average speed of answer, CSR attendance, Customer satisfaction, service level % (Appendix E).                               | Monthly                                                    | Completed                                                                                                                           |
| Collect and report on requested billing data (Appendix E).                                                                                                                             |                                                            | Completed. Data appears in Appendix E of this report.                                                                               |
| Provide interested parties and the Commission's Bureau of Consumer Services with a draft of the bill changes for feedback and recommendations.                                         |                                                            | Completed. The bill draft was provided on March 29, 2019. Responses were provided in April 2019 by OCA, I&E, and Pittsburgh UNITED. |
| Inform customers of the payment arrangement terms, based on the consumer's ability to pay upon contact with the customer, and offer payment arrangements as permitted by Chapter 14.   |                                                            | Completed. Informal practices in this area have been formalized to demonstrate compliance.                                          |
| Form a Low-Income Assistance Advisory Committee.                                                                                                                                       | Meetings should occur at least quarterly                   | Completed                                                                                                                           |
| Revise Bill Discount Program rate to provide for a 75% discount on the minimum water and/or wastewater charge for customers with income at or below 150% of the federal poverty level. |                                                            | Completed, and effective as of March 1, 2019.                                                                                       |
| 56.11-56.25 and 56.261-56.275 - Complete bill redesign project.                                                                                                                        |                                                            | Completed as of June 3, 2020                                                                                                        |
| Submit a detailed Plan that outlines the program parameters for each of its low-income assistance programs.                                                                            | Next Base Rate Proceeding                                  | Completed as of the September 23, 2019 LIAAC meeting                                                                                |
| PWSA Affordability Analysis                                                                                                                                                            |                                                            | Completed as of December 15, 2019                                                                                                   |
| Track the following metrics: Abandon %, ACD handling time, average speed of answer, CSR attendance, Customer satisfaction, service level % (Appendix E).                               | Monthly                                                    | Completed                                                                                                                           |
| Expand the use of the SpryPoint Mobile app.                                                                                                                                            |                                                            | Completed as of go live on January 14, 2020                                                                                         |
| PWSA Affordability Analysis                                                                                                                                                            |                                                            | Completed as of December 15, 2019                                                                                                   |
| Suspend the use of Jordan Tax Service, Inc.                                                                                                                                            | With the Commission's final order approving the Settlement | Completed as of June 30, 2019                                                                                                       |
| Track whether customer complaints are related to water, sewer, or stormwater.                                                                                                          | Monthly                                                    | Completed                                                                                                                           |

|                                                                                                                                                                                                                            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Expand the use of SpryMobile app                                                                                                                                                                                           |                     | Completed as of go-live January 14, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Track the following metrics: Abandon %, ACD handling time, average speed of answer, CSR attendance Customer satisfaction, service level % (Appendix D).<br>56.11-56.25 and 56.261-56.275 - Complete bill redesign project. | Monthly             | Completed. Data is in Appendix E of this report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BCS input on PWSA CAP Program                                                                                                                                                                                              | Next base rate case | Completed as of June 3, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Commission development of a "Model Water CAP Design"                                                                                                                                                                       |                     | Rate case settlement filed on September 30, 2020; Commission-approved rates went into effect at PWSA on January 14, 2021, including numerous enhancements to the customer assistance programs.                                                                                                                                                                                                                                                                                                                                                         |
| Provide water meters for each DPW division and have them installed on hydrants                                                                                                                                             | October 2019        | Commission-approved rates went into effect at PWSA on January 14, 2021, including numerous enhancements to the customer assistance programs.                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conduct a regular review of informal complaint information to determine complaint trends and whether there is a need to implement additional or new internal training policies.                                            |                     | Completed. PWSA assigned 12 meters to DPW to track water usage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Collect and report on requested billing data (Appendix D)                                                                                                                                                                  | Quarterly           | PWSA is regularly reviewing informal complaints to determine trends and is responding with process adjustments and/or further training. Based on BCS feedback, PWSA kicked-off a Call Quality Initiative in October 2020, including increased live monitoring, coaching of staff, and the implementation of after call surveys effective December 18, 2020. After call customer survey data for the first quarter of 2021 was provided to the Commission as an exhibit to the Stage 2 Compliance Plan filing on April 9, 2021.                         |
| Fund BDP program using revenues collected from approved rates in the tariff filing.                                                                                                                                        |                     | Reporting found in Appendix D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Customer outreach                                                                                                                                                                                                          | On-going            | On-going                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                            |                     | PWSA participates in upwards of 100 community meetings annually. The PGH2O Cares team was approved by the Commission in PWSA's 2020 rate case and was launched with enhanced outreach efforts as of February 15, 2021. Please refer to the presentations to the Low Income Assistance Advisory Committee (LIAAC). The Cares team has participated in virtual community outreach meetings, has garnered the ability to enroll customers into the assistance programs, and has increased customer enrollment numbers in the Bill Discount Program (BDP). |

|                                                                                         |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Commitments from motion to move issues from Stage 1 to Stage 2                          | On-going                   | On-Target (Moved to Stage 2); "Stage 2 Compliance Plan: Chapters 14 & 56, DSLPA and Collections" was filed with the Commission on April 9, 2021; and two all-party workshops were held in June 2021. The Commission filed their Report and Directed Questions on August 5, 2021. The parties worked with the ALJ to develop a litigation schedule, and PWSA's Direct Testimony was filed Arial Narrow on October 15, 2021. PWSA's Rebuttal Testimony was filed on January 21, 2022. On March 14, 2022, the parties filed a Joint Petition for Settlement Stage 2 Customer Service and Collections Issues. The Recommended Decision from the Administrative Law Judge is due on May 25, 2022. On May 18, 2022, ALJ's Vero and Chiodo issued a Recommended Decision to adopt the Settlement without modification. On July 14, 2022, the Commission voted to adopt the Recommended Decision of ALJ's Vero and Chiodo. Customer Service is working to execute the commitments of the Settlement, which are due 135 days from the Order date. As of November 14, 2022, all letters, notices, training documents, and procedures were updated by Customer Service management in accordance with the Settlement. The parties are reviewing the changes to meet a Commission filing deadline of February 11, 2023. All party feedback was received by March 15, 2023 and was incorporated into the documents. Customer Service management is working to update the documents on PWSA's website and Customer Advantage portal and to train staff on the changes. These revised documents are also posted on the Customer Service department page in PWSA's intranet on SharePoint. PWSA completed all requirements as prescribed in Compliance Plan Stage 2 effective June 30, 2023. |
| 56.94 and 56.336 – Interim personal contact procedures immediately prior to termination | Quarterly Progress Reports | On-Target (Moved to Stage 2); "Stage 2 Compliance Plan: Chapters 14 & 56, DSLPA and Collections" was filed with the Commission on April 9, 2021. An updated <i>draft</i> RFP, including revisions based on feedback from OCA, was delivered to all parties for review on June 29, 2021. The final RFP was issued by PWSA on August 5, 2021. PWSA is in contract negotiations with the sole, responsible bidder. An agreement with Cosmos Technologies, Inc. is in place, and Cosmos has been performing personal contact at the time of termination since December 7, 2021. The contract with Cosmos was terminated in Q4 of 2022. PWSA Field Technicians were trained to perform this work in 2023.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Personal Contact Attempts                                                               | Quarterly                  | 139 in Q3 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Terminations Completed                                                                  | Quarterly                  | 84 in Q3 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Terminations Placed on Hold Due to Personal Contact                                     | Quarterly                  | 38 in Q3 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Terminations Not Completed Due to Curb Box Issues                                       | Quarterly                  | 12 in Q3 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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| <p>Work with the parties to determine an appropriate informal complaint tracking information review process.</p>                                                                                                           | <p>2023</p> | <p>On-Target (Moved to Stage 2); "Stage 2 Compliance Plan: Chapters 14 &amp; 56, DSLPA and Collections" was filed with the Commission on April 9, 2021; and two all-party workshops were held in June 2021. The Commission filed their Report and Directed Questions on August 5, 2021. The parties worked with the ALJ to develop a litigation schedule, and PWSA's Direct Testimony was filed on October 15, 2021. PWSA's Rebuttal Testimony was filed on January 21, 2022. On March 14, 2022, the parties filed a Joint Petition for Settlement Stage 2 Customer Service and Collections Issues. On May 18, 2022, Administrative Law Judge's Vero and Chiodo issued a Recommended Decision to adopt the Settlement without modification. On July 14, 2022, the Commission voted to adopt the Recommended Decision of ALJ's Vero and Chiodo. Customer Service is working to execute the commitments of the Settlement, which are due 135 days from the Order date. As of November 14, 2022, all letters, notices, training documents, and procedures were updated by Customer Service management in accordance with the Settlement. The parties are reviewing the changes to meet a Commission filing deadline of February 11, 2023. All party feedback was received by March 15, 2023 and was incorporated into the documents. Customer Service management is working to update the documents on PWSA's website and Customer Advantage portal and to train staff on the changes. These revised documents are also posted on the Customer Service department page in PWSA's intranet on SharePoint. PWSA completed all requirements as prescribed in Compliance Plan Stage 2 effective June 30, 2023.</p> |
| <p>Make the changes identified in Paragraphs III.1.1 through III.10 of the Settlement consistent with the timeframes established by the final order in this proceeding and provide a copy of the changes to the LIAAC.</p> | <p>2023</p> | <p>The following are complete with a portion of (c) on-going:</p> <ul style="list-style-type: none"> <li>• Improved outreach and messaging for programs (a);</li> <li>• Launched a social media campaign (b);</li> <li>• Designed a comprehensive arrearage forgiveness component to address arrears at the time of enrollment, scheduled to launch with the SAP go-live in August 2022 (c);</li> <li>• Assessed applicable data (d);</li> <li>• PWSA launched two campaigns to fund the Hardship Grant in December 2020; an internal campaign to its employees, and an external campaign to its customers (e);</li> <li>• Exploring issues related to the structure of the Hardship Grant program (f);</li> <li>• Reviewed changes to PWSA customer service policies and procedures (g); and</li> <li>• Funding BDP with separate budgets for water and wastewater (h).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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| 56.81-56.118 and 56.321-56.358 - Meet plain language requirements for shut-off notices. (Now moved to Stage 2 of the Compliance Plan.)                                    | 2023                                                                                     | On Target (Moved to Stage 2); "Stage 2 Compliance Plan: Chapters 14 & 56, DSLPA and Collections" was filed with the Commission on April 9, 2021; and two all party workshops were held in June 2021. The Commission filed their Report and Directed Questions on August 5, 2021. The parties worked with the ALJ to develop a litigation schedule, and PWSA's Direct Testimony was filed on October 15, 2021. PWSA's Rebuttal Testimony was filed on January 21, 2022. On March 14, 2022, the parties filed a Joint Petition for Settlement Stage 2 Customer Service and Collections Issues. On May 18, 2022, ALJ's Vero and Chiodo issued a Recommended Decision to adopt the Settlement without modification. On July 14, 2022, the Commission voted to adopt the Recommended Decision of ALJ's Vero and Chiodo. Customer Service is working to execute the commitments of the Settlement, which are due 135 days from the Order date. As of November 14, 2022, all letters, notices, training documents, and procedures were updated by Customer Service management in accordance with the Settlement. The parties are reviewing the changes to meet a Commission filing deadline of February 11, 2023. All party feedback was received by March 15, 2023 and was incorporated into the documents. Customer Service management is working to update the documents on PWSA's website and Customer Advantage portal and to train staff on the changes. These revised documents are also posted on the Customer Service department page in PWSA's intranet on SharePoint. PWSA completed all requirements as prescribed in Compliance Plan Stage 2 effective June 30, 2023. |
| <b>Infrastructure</b>                                                                                                                                                     |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 65.14 Reestablish operability of meters at each source of supply and install an additional meter at Fox Chapel Station.                                                   | 2019                                                                                     | Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Develop a Water Distribution System Master Plan to address master metering, non-revenue water, and include an AWWA Water Audit based on available data                    | 2019-2020                                                                                | Final Report was completed in February 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LTIIP – Customer Owned Lead Service Lines                                                                                                                                 |                                                                                          | Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LTIIP – Workforce Development                                                                                                                                             |                                                                                          | Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LTIIP – Construction Coordination with Other Utilities and Municipalities                                                                                                 |                                                                                          | Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LTIIP – Distribution System Improvement Charge (DSIC)                                                                                                                     | Next base rate case                                                                      | Completed on January 14, 2021 at 5%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| A cost/benefit analysis comparing continuing to operate the HMFP instead of covering and placing a physical barrier around Highland No. 1 Reservoir.                      | With the next base rate filing                                                           | Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Selection Processes and Existing Contractors                                                                                                                              | Annually                                                                                 | Completed in June 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Provide a detailed cost breakdown of actual and projected operating and capital costs on a calendar year basis incurred and estimated to be incurred to operate the HMFP. | Starting within 30 days of the signature date of the Settlement and quarterly thereafter | Completed. See Appendix G.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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| 65.7 Secure a contractor to assist with inspection, sizing, and installation of meters and associated equipment for municipal buildings and flat rate customers.                                                                                                                        | 2024                                                                           | Completed. Contractor has been secured. As of Sept 2021, there are 9 municipal accounts to be metered.                                                                                                                                                                                                        |
| Construction Project Tracking and Evaluation                                                                                                                                                                                                                                            | November 12, 2019                                                              | PWSA has developed and validated a list of proposed metrics                                                                                                                                                                                                                                                   |
| 65.18 Complete the development of a comprehensive flushing program.                                                                                                                                                                                                                     | Starts in 2018                                                                 | Completed. PWSA has developed a comprehensive flushing program                                                                                                                                                                                                                                                |
| 65.18 Review the existing system to ensure ample valves.                                                                                                                                                                                                                                | Starts in 2018                                                                 | Completed                                                                                                                                                                                                                                                                                                     |
| 65.18 Increase the number of valves inspected and operated per year.                                                                                                                                                                                                                    | 2019                                                                           | PWSA developed a valve inspection program and is tracking the valves operated in Spry Mobile.                                                                                                                                                                                                                 |
| 65.4 Develop a series of SOPs for records filing, records updates in GIS, and records retrieval.                                                                                                                                                                                        | Within 6 months                                                                | Completed                                                                                                                                                                                                                                                                                                     |
| 65.6 Develop an SOP to address areas of high pressure.                                                                                                                                                                                                                                  |                                                                                | Addressed by Master Plan. SOP has been developed.                                                                                                                                                                                                                                                             |
| <b>Lead</b>                                                                                                                                                                                                                                                                             |                                                                                |                                                                                                                                                                                                                                                                                                               |
| Form a Community Lead Response Advisory Committee (CLRAC).                                                                                                                                                                                                                              | Initiated within 30 days of Settlement Agreement                               | The first quarterly meeting was held January 8, 2019, and subsequent meetings occurred on February 6, 2019, March 4, 2019, April 24, 2019, June 3, 2019, August 12, 2019, September 24, 2019, and December 10, 2019. Meetings have occurred quarterly in March, June, September and December each year since. |
| Make best efforts to send a letter notifying the resident and property owner of the results of a curb box inspection.                                                                                                                                                                   | Within 90 days of the completion of the inspection, but no later than 120 days | Completed                                                                                                                                                                                                                                                                                                     |
| Make all historical service line records available for public viewing on website.                                                                                                                                                                                                       | Within 90 days of effective date of rates                                      | Completed in early January 2019 and updated monthly since.                                                                                                                                                                                                                                                    |
| Analyze per-line costs for replacing lead service lines.                                                                                                                                                                                                                                | Within 90 days of effective date of rates                                      | This information was presented to CLRAC on April 24, 2019.                                                                                                                                                                                                                                                    |
| Develop an outreach program to notify customers of their eligibility for free filters, including at a minimum, a letter or bill insert.                                                                                                                                                 | Within 90 days of effective date of rates                                      | Completed                                                                                                                                                                                                                                                                                                     |
| Make best efforts to send a letter notifying the resident and property owner of the results of a curb box inspection.                                                                                                                                                                   | Within 90 days of the completion of the inspection, but no later than 120 days | Completed                                                                                                                                                                                                                                                                                                     |
| Continue to make a good-faith effort to secure an agreement with PennVEST enabling it to obtain customer consent for private-side lead service line replacements at any point before PWSA completes lead service line replacements for the work order covering the customer's property. | For 2019 program                                                               | Approval obtained from PENNVEST.                                                                                                                                                                                                                                                                              |
| 65.6 Install additional monitoring stations for areas of low pressure.                                                                                                                                                                                                                  | by 2020                                                                        | Completed                                                                                                                                                                                                                                                                                                     |
| When PWSA started testing for lead levels.                                                                                                                                                                                                                                              | N/A                                                                            | 1998                                                                                                                                                                                                                                                                                                          |
| Provide quarterly updates regarding the progress of the orthophosphate program.                                                                                                                                                                                                         | Quarterly                                                                      | Please see the report submitted to PA DEP with these details included in Appendix H.                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                         |                                                                                |                                                                                                                                                                                                                                                                                                               |

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| <b>Finance, Contractual, and Other Issues</b>                                                                                                                                                                                                |                                                        |                                                                                                                                                                                                                                              |
| Formally notify the City of Pittsburgh of the record and outcome of this case, that the Cooperation Agreement is being reviewed by the PUC in the Compliance Filing proceeding, and that PWSA's LTIIP Filing is pending with the Commission. |                                                        | Completed                                                                                                                                                                                                                                    |
| Serve the City with a copy of Final Commission Orders and file a certificate of service with the Commission verifying that such service was made.                                                                                            | Issued in this matter within 10 days of their issuance | Completed                                                                                                                                                                                                                                    |
| Investigate the City of Pittsburgh discount for PAWC water customers as originated under the terms of the 1973 Agreement between the City of Pittsburgh and Western Pennsylvania Water Company.                                              | Next Base Rate Case                                    | The analysis has been completed and the subsidy was eliminated on December 31, 2019.                                                                                                                                                         |
| 69.16 Update emergency response plan with updated SOPs.                                                                                                                                                                                      | October 31, 2019                                       | Completed                                                                                                                                                                                                                                    |
| 101.4 File a Self-Certification Form                                                                                                                                                                                                         | February 28, 2020                                      | Completed                                                                                                                                                                                                                                    |
| Residential Fire Protection and Standby Charges                                                                                                                                                                                              | Next Base Rate Case                                    | Completed. Residential customers who have been charged private fire protection have been identified and have been credited for those payments.                                                                                               |
| Investigate the City of Pittsburgh discount for PAWC water customers as originated under the terms of the 1973 Agreement between the City of Pittsburgh and Western Pennsylvania Water Company                                               |                                                        | Completed                                                                                                                                                                                                                                    |
| 101.3 – Plan Requirements                                                                                                                                                                                                                    |                                                        | <ul style="list-style-type: none"> <li>&gt; Physical security plan: 12/31/2019</li> <li>&gt; Cyber security plan: Approved</li> <li>&gt; Emergency response plan – 10/31/2019</li> <li>&gt; Business continuity plan – 10/31/2019</li> </ul> |
| Renegotiate the Cooperation Agreement with the City of Pittsburgh.                                                                                                                                                                           | Quarterly Updates, beginning 4/30                      | Cooperation agreement signed and filed with the PUC.                                                                                                                                                                                         |
| Analyze the feasibility of assessing a flat rate to the unmetered customers.                                                                                                                                                                 | Next Base Rate Case                                    | Completed on January 14, 2021.                                                                                                                                                                                                               |
| 69.801 Develop a formal policy to improve diversity in the workforce.                                                                                                                                                                        | By the end of 2019                                     | Completed                                                                                                                                                                                                                                    |
| Ownership of Wastewater Laterals                                                                                                                                                                                                             | Final Report Submission, January 15, 2021              | Report submitted to the parties on January 15, 2021.                                                                                                                                                                                         |
| 65.19 Filing of Annual Financial Reports                                                                                                                                                                                                     | 2019                                                   | On-going                                                                                                                                                                                                                                     |
| Consider the timeframe for developing a separate rate for public fire hydrant service.                                                                                                                                                       | Next Base Rate Case                                    | Completed                                                                                                                                                                                                                                    |
| Consider assessing the City of Pittsburgh a separate rate for public fire hydrant service.                                                                                                                                                   | Next Base Rate Case                                    | Completed                                                                                                                                                                                                                                    |
| Propose a plan or method for developing separate cost of service studies for wastewater and stormwater for the development of stormwater rates.                                                                                              |                                                        | Completed                                                                                                                                                                                                                                    |
| Bulk Water: Sales for Resale                                                                                                                                                                                                                 | Within 120 days of the Final Commission Order          | Completed                                                                                                                                                                                                                                    |
| Bulk Wastewater Conveyance Agreements                                                                                                                                                                                                        | Within 120 days of the Final Commission Order          | Completed                                                                                                                                                                                                                                    |
| Capital Investment Plan Report                                                                                                                                                                                                               | 2020                                                   | Filed on January 26, 2022                                                                                                                                                                                                                    |

|                                                                                                                                                                     |               |                                                                     |
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| 73.3 Annual Depreciation Reports                                                                                                                                    | April 1, 2024 | Completed. Depreciation Reports will continue to be filed annually. |
| 65.16 System of Accounts                                                                                                                                            | 2021          | Completed                                                           |
| Consider the proposal for a flat rate for both water and wastewater for all unmetered and unbilled municipal and government properties or buildings served by PWSA. |               | Completed                                                           |

## 7. Appendix B – Title 52 Sections where PWSA Believes it is Currently in Compliance

| Section         | Subchapter                                                                                                                                             | Currently in Compliance |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 56.1            | Preliminary Provisions for Utilities and Customers Subject to Chapter 14 of the Public Utility Code                                                    | X                       |
| 56.31 – 56.58   | Credit and Deposits Standards Policy (Water)                                                                                                           | X                       |
| 56.71 – 56.72   | Interruption and Discontinuance of Service (Water)                                                                                                     | X                       |
| 56.81-56.118    | Include information in Spanish directing Spanish-speaking customers to numbers for translation assistance for shut-offs (Water)                        | X                       |
| 56.14 – 56.174  | Disputes; Termination Disputes; Informal and Formal Complaints (Water)                                                                                 | X                       |
| 56.191          | Restoration of Service (Water)                                                                                                                         | X                       |
| 56.251 – 56.252 | Provisions for Wastewater, Steam Heat and Small Natural Gas Distribution Utilities and Victims of Domestic Violence with a Protection from Abuse Order | X                       |
| 56.281 – 56.307 | Credit and Deposits Standards Policy (Wastewater)                                                                                                      | X                       |
| 56.311 – 56.312 | Interruption and Discontinuance of Service (Wastewater)                                                                                                | X                       |
| 56.371 – 56.411 | Disputes; Termination Disputes; Informal and Formal Complaints (Wastewater)                                                                            | X                       |
| 56.321-56.358   | Include information in Spanish directing Spanish-speaking customers to numbers for translation assistance for shut-offs (Wastewater)                   | X                       |
| 56.421 – 56.422 | Restoration of Service (Wastewater)                                                                                                                    | X                       |
| 56.441          | Informal Complaints (Wastewater)                                                                                                                       | X                       |
| 65.3.           | Complaints.                                                                                                                                            | X                       |
| 65.5.           | Interruptions of service.                                                                                                                              | X                       |
| 65.9.           | Adjustment of bills for meter error.                                                                                                                   | X                       |
| 65.10.          | Disputed bills.                                                                                                                                        | X                       |
| 65.12.          | Notice of desire to have service discontinued.                                                                                                         | X                       |
| 65.13.          | Temporary service.                                                                                                                                     | X                       |
| 65.14.          | Reestablish operability of meters at each source of supply and install an additional meter at Fox Chapel Station.                                      | X                       |
| 65.15.          | Refusal to serve applicants.                                                                                                                           | X                       |
| 69.51 – 69.85   | Inclusion of State Taxes and Gross Receipts Taxes in Base Rates                                                                                        | X                       |
| 69.169          | Policy Statement Interpreting Terms Included In 66 Pa.C.S. § 1326                                                                                      | X                       |
| 69.261 – 69.267 | Policy Statement on Customer Assistance Programs                                                                                                       | X                       |
| 69.351          | Implementation of SFAS 106                                                                                                                             | X                       |
| 73.7.           | Capital investment plan report                                                                                                                         | X                       |
| 121.3.          | LTIP.                                                                                                                                                  | X                       |
| 121.4.          | Filing and Commission review procedures.                                                                                                               | X                       |

## 8. Appendix C – 20 Operating Metrics Identified in I&E St. No. 4, p. 5

| Metric                                                                                                                     | Q1 2025                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pipeline Materials (% of pipe segments with materials listed in GIS)                                                       | Water: 40% 29,180 out of 72,199 water mains have material populated<br>Sewer: 94% (44,580 out of 47,258 sewer mains have material populated)                                                                                                                                     |
| Pipeline Age (% of pipe segments with age listed in GIS)                                                                   | Water and Sewer: Not a field in GIS at this time, but can be calculated using installation date, so same % as below could be provided                                                                                                                                            |
| Leak History per Mile (number of leaks per 100 miles of pipe per year) *                                                   | 25.39 leaks per 100 miles                                                                                                                                                                                                                                                        |
| Pipeline Pressures (distribution pressure devices recording pressure outside minimum and maximum for more than 10 minutes) | There are 61 Loggers throughout our system monitoring pipeline pressures.                                                                                                                                                                                                        |
| Installation Year (% of pipe segments with installation year listed in GIS)                                                | Water: 93% (66,937 out of 72,199 water mains have date installed populated)<br>Sewer: 89% (42,092 out of 47,258 sewer mains have a date installed populated)                                                                                                                     |
| Pipeline Diameter (% of pipe segments with pipeline diameter listed in GIS)                                                | Water: 100% of active water mains have a diameter populated.<br>Sewer: 100% of active sewer mains have a diameter populated (includes some assumed inlet lateral diameters).                                                                                                     |
| Pipeline Mileage (miles of active and retired pipe in the distribution system)                                             | Water: Active Water Mains: 949.4 miles;<br>Abandoned Water Mains: 210.1 miles mapped in GIS (includes abandoned water mains layer originally exported from CAD prior to GIS conversion)<br>Active Sewer Mains: 1,242.9 miles;<br>Abandoned Sewer Mains: 64.2 miles mapped in GIS |
| Addition/Retirements of Plant (GIS or CMMS field denoting active or inactive assets)                                       | TBD                                                                                                                                                                                                                                                                              |
| Materials and Supplies (Value of materials and supplies on-hand)                                                           | \$2,702,000 – 2023 Inventory Value                                                                                                                                                                                                                                               |
| Leak Repair (number of leaks repaired – distribution main)                                                                 | 241 in Q1 2025                                                                                                                                                                                                                                                                   |
| Leak Repair (number of leaks repaired – service line)                                                                      | 51 in Q1 2025                                                                                                                                                                                                                                                                    |
| Pipeline Damages from Excavation (GIS or CMMS field denoting suspected cause of leak)                                      | 22 instances in Q1 2025                                                                                                                                                                                                                                                          |
| Plant in Service (Asset inventory)                                                                                         | TBD                                                                                                                                                                                                                                                                              |
| Corrosion Protection Programs (pipe segments protected by cathodic protection)                                             | TBD                                                                                                                                                                                                                                                                              |

|                                                                                                       |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Lead Levels (Lead and copper action level, current period)                                            | 3.58 ppb                                                                                                                         |
| Miles of Lead Pipeline                                                                                | PWSA reports lead service lines in number of service lines, not by mile                                                          |
| Cost of Lead Pipeline Replacement for PWSA Work Crews (average pipeline replacement cost per period)  | TBD                                                                                                                              |
| Cost of Lead Pipeline Replacement for PWSA Contractors (average pipeline replacement cost per period) | Based on our 2019 LSLR Program costs, the average public side LSLR cost \$5,882 and the average private side LSLR cost \$10,682. |
| Sanitary Flow Reduction (Number of reportable SSOs per year)                                          | 1                                                                                                                                |
| Sanitary Flow Reduction (Volume of reportable SSOs per year)                                          | 0.15                                                                                                                             |
| Miles of Combined Sewer Separation (per year)                                                         | No separation projects were completed in Q1 of 2025                                                                              |
| Unaccounted for Water (% of finished water that is unaccounted for)                                   | 59.76%                                                                                                                           |
| Non-revenue Water (% of finished water that is non-revenue)                                           | 61.34%                                                                                                                           |

\*Leaks will be geotagged to the segments in which they occur.

## Appendix D – Low Income Customer Billing Metrics

| Billing Metrics                                                                                                                            | October 2024                                                                                                                                                                                                                                                                                                            | January 2025                                                                                                                                                                                                                                                                                                            | April 2025                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Billed revenue                                                                                                                             | \$95,611,933                                                                                                                                                                                                                                                                                                            | \$85,601,948                                                                                                                                                                                                                                                                                                            | \$84,943,799                                                                                                                                                                                                                                                                                                            |
| Receipts actually collected                                                                                                                | \$92,213,565                                                                                                                                                                                                                                                                                                            | \$85,735,179                                                                                                                                                                                                                                                                                                            | \$86,981,116                                                                                                                                                                                                                                                                                                            |
| Number of accounts in arrears                                                                                                              | 21,381                                                                                                                                                                                                                                                                                                                  | 21,331                                                                                                                                                                                                                                                                                                                  | 21,997                                                                                                                                                                                                                                                                                                                  |
| Dollars of arrears                                                                                                                         | \$25,075,490                                                                                                                                                                                                                                                                                                            | \$25,644,855                                                                                                                                                                                                                                                                                                            | \$27,077,624                                                                                                                                                                                                                                                                                                            |
| Number of accounts disconnected for nonpayment                                                                                             | 116                                                                                                                                                                                                                                                                                                                     | 146                                                                                                                                                                                                                                                                                                                     | 0                                                                                                                                                                                                                                                                                                                       |
| Number of accounts receiving a notice of disconnection for nonpayment                                                                      | 2,754                                                                                                                                                                                                                                                                                                                   | 1,891                                                                                                                                                                                                                                                                                                                   | 0                                                                                                                                                                                                                                                                                                                       |
| Number of bill discount participants who entered the bill discount program with unpaid account balances                                    | 568                                                                                                                                                                                                                                                                                                                     | 537                                                                                                                                                                                                                                                                                                                     | 680                                                                                                                                                                                                                                                                                                                     |
| Dollars of unpaid account balances for bill discount program participants at the time those participants entered the bill discount program | \$729,403                                                                                                                                                                                                                                                                                                               | \$594,181                                                                                                                                                                                                                                                                                                               | \$834,838                                                                                                                                                                                                                                                                                                               |
| Number of bill discount participants by agreed-upon poverty ranges                                                                         | 15224 0.00%<br>15221 0.00%<br>15224 0.00%<br>15204 0.00%<br>15221 0.00%<br>15212 0.00%<br>15220 0.00%<br>15210 0.00%<br>15219 0.00%<br>15210 0.00%<br>15208 0.00%<br>15210 0.00%<br>15206 0.00%<br>15211 0.00%<br>15211 0.00%<br>15210 0.00%<br>15212 0.00%<br>15226 0.00%<br>15208 0.00%<br>15219 0.00%<br>15213 0.00% | 15206 0.00%<br>15221 0.00%<br>15226 0.00%<br>15210 0.00%<br>15226 0.00%<br>15214 0.00%<br>15210 0.00%<br>15219 0.00%<br>15207 0.00%<br>15204 0.00%<br>15205 0.00%<br>15212 0.00%<br>15219 0.00%<br>15214 0.00%<br>15208 0.00%<br>15210 0.00%<br>15210 0.00%<br>15213 0.00%<br>15204 0.00%<br>15206 0.00%<br>15210 0.00% | 15214 0.00%<br>15219 0.00%<br>15210 0.00%<br>15210 0.00%<br>15224 0.00%<br>15212 0.00%<br>15216 0.00%<br>15214 0.00%<br>15212 0.00%<br>15210 0.00%<br>15212 0.00%<br>15220 0.00%<br>15226 0.00%<br>15210 0.00%<br>15212 0.00%<br>15224 0.00%<br>15210 0.00%<br>15211 0.00%<br>15206 0.00%<br>15203 0.00%<br>15213 0.00% |

|  |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|
|  | 15212 | 0.00% | 15213 | 0.00% | 15212 | 0.00% |
|  | 15219 | 0.00% | 15235 | 0.00% | 15212 | 0.00% |
|  | 15211 | 0.00% | 15211 | 0.00% | 15210 | 0.00% |
|  | 15211 | 0.00% | 15210 | 0.00% | 15208 | 0.00% |
|  | 15204 | 0.00% | 15204 | 0.00% | 15217 | 0.00% |
|  | 15214 | 0.00% | 15210 | 0.00% | 15207 | 0.00% |
|  | 15210 | 0.00% | 15203 | 0.00% | 15216 | 0.00% |
|  | 15213 | 0.00% | 15205 | 0.00% | 15220 | 0.00% |
|  | 15212 | 0.00% | 15233 | 0.00% | 15233 | 0.00% |
|  | 15226 | 0.00% | 15219 | 0.00% | 15210 | 0.00% |
|  | 15217 | 0.00% | 15221 | 0.00% | 15201 | 0.00% |
|  | 15227 | 0.00% | 15210 | 0.00% | 15219 | 0.00% |
|  | 15207 | 0.00% | 15213 | 0.00% | 15214 | 0.00% |
|  | 15214 | 0.00% | 15206 | 0.00% | 15210 | 0.00% |
|  | 15208 | 0.00% | 15204 | 0.00% | 15217 | 0.00% |
|  | 15206 | 0.00% | 15212 | 0.00% | 15214 | 0.00% |
|  | 15214 | 0.00% | 15206 | 0.00% | 15220 | 0.00% |
|  | 15217 | 0.00% | 15206 | 0.00% | 15214 | 0.00% |
|  | 15208 | 0.00% | 15203 | 0.00% | 15216 | 0.00% |
|  | 15234 | 0.00% | 15233 | 0.00% | 15204 | 0.00% |
|  | 15214 | 0.00% | 15221 | 0.00% | 15217 | 0.00% |
|  | 15211 | 0.00% | 15216 | 0.00% | 15212 | 0.00% |
|  | 15212 | 0.00% | 15214 | 0.00% | 15207 | 0.00% |
|  | 15210 | 0.00% | 15210 | 0.00% | 15201 | 0.00% |
|  | 15208 | 0.00% | 15216 | 0.00% | 15220 | 0.00% |
|  | 15211 | 0.00% | 15210 | 0.00% | 15212 | 0.00% |
|  | 15210 | 0.00% | 15226 | 0.00% | 15207 | 0.00% |
|  | 15214 | 0.00% | 15220 | 0.00% | 15120 | 0.00% |
|  | 15207 | 0.00% | 15203 | 0.00% | 15234 | 0.00% |
|  | 15210 | 0.00% | 15224 | 0.00% | 15210 | 0.00% |
|  | 15206 | 0.00% | 15212 | 0.00% | 15212 | 0.00% |
|  | 15219 | 0.00% | 15212 | 0.00% | 15207 | 0.00% |
|  | 15207 | 0.00% | 15212 | 0.00% | 15219 | 0.00% |
|  | 15206 | 0.00% | 15210 | 0.00% | 15212 | 0.00% |
|  | 15206 | 0.00% | 15208 | 0.00% | 15212 | 0.00% |
|  | 15217 | 0.00% | 15214 | 0.00% | 15217 | 0.00% |
|  | 15206 | 0.00% | 15203 | 0.00% | 15204 | 0.00% |
|  | 15212 | 0.00% | 15210 | 0.00% | 15210 | 0.00% |
|  | 15207 | 0.00% | 15203 | 0.00% | 15210 | 0.00% |
|  | 15220 | 0.00% | 15213 | 0.00% | 15210 | 0.00% |
|  | 15206 | 0.00% | 15208 | 0.00% | 15212 | 0.00% |
|  | 15217 | 0.00% | 15208 | 0.00% | 15219 | 0.00% |
|  | 15214 | 0.00% | 15219 | 0.00% | 15211 | 0.00% |
|  | 15208 | 0.00% | 15216 | 0.00% | 15206 | 0.00% |

|  |       |        |       |        |       |       |
|--|-------|--------|-------|--------|-------|-------|
|  | 15212 | 0.00%  | 15210 | 0.00%  | 15210 | 0.00% |
|  | 15217 | 0.00%  | 15210 | 0.00%  | 15210 | 0.00% |
|  | 15217 | 0.00%  | 15214 | 0.00%  | 15207 | 0.00% |
|  | 15206 | 0.00%  | 15210 | 0.00%  | 15212 | 0.00% |
|  | 15214 | 0.00%  | 15201 | 0.00%  | 15210 | 0.00% |
|  | 15210 | 0.00%  | 15234 | 0.00%  | 15210 | 0.00% |
|  | 15226 | 0.00%  | 15201 | 0.00%  | 15206 | 0.00% |
|  | 15204 | 0.00%  | 15216 | 0.00%  | 15210 | 0.00% |
|  | 15210 | 0.00%  | 15214 | 0.00%  | 15210 | 0.00% |
|  | 15208 | 0.00%  | 15210 | 0.00%  | 15221 | 0.00% |
|  | 15208 | 0.00%  | 15213 | 0.00%  | 15205 | 0.00% |
|  | 15208 | 0.00%  | 15204 | 0.00%  | 15204 | 0.00% |
|  | 15214 | 0.00%  | 15212 | 0.00%  | 15204 | 0.00% |
|  | 15214 | 0.00%  | 15211 | 0.00%  | 15203 | 0.00% |
|  | 15216 | 0.00%  | 15212 | 0.00%  | 15206 | 0.00% |
|  | 15203 | 0.00%  | 15207 | 0.00%  | 15217 | 0.00% |
|  | 15203 | 0.00%  | 15211 | 0.00%  | 15212 | 0.00% |
|  | 15207 | 0.00%  | 15206 | 0.00%  | 15216 | 0.00% |
|  | 15212 | 0.00%  | 15211 | 0.00%  | 15206 | 0.00% |
|  | 15212 | 0.00%  | 15212 | 0.00%  | 15214 | 0.00% |
|  | 15209 | 0.00%  | 15214 | 0.00%  | 15220 | 0.00% |
|  | 15226 | 0.00%  | 15214 | 0.00%  | 15216 | 0.00% |
|  | 15212 | 0.00%  | 15219 | 0.00%  | 15216 | 0.00% |
|  | 15226 | 0.00%  | 15212 | 0.00%  | 15210 | 0.00% |
|  | 15210 | 0.00%  | 15213 | 0.00%  | 15210 | 0.00% |
|  | 15217 | 0.00%  | 15212 | 0.00%  | 15212 | 0.00% |
|  | 15210 | 0.00%  | 15226 | 0.00%  | 15220 | 0.00% |
|  | 15220 | 1.35%  | 15217 | 0.00%  | 15212 | 0.00% |
|  | 15214 | 3.48%  | 15204 | 0.00%  | 15204 | 0.00% |
|  | 15211 | 5.72%  | 15224 | 0.00%  | 15204 | 0.00% |
|  | 15216 | 6.13%  | 15213 | 0.00%  | 15205 | 0.00% |
|  | 15205 | 6.22%  | 15220 | 4.65%  | 15210 | 0.00% |
|  | 15212 | 6.50%  | 15210 | 7.16%  | 15212 | 0.00% |
|  | 15210 | 6.56%  | 15207 | 7.69%  | 15203 | 0.00% |
|  | 15210 | 6.56%  | 15204 | 8.55%  | 15207 | 0.00% |
|  | 15201 | 8.27%  | 15214 | 8.81%  | 15213 | 0.00% |
|  | 15205 | 8.34%  | 15206 | 9.63%  | 15212 | 0.00% |
|  | 15210 | 9.30%  | 15210 | 12.22% | 15210 | 0.00% |
|  | 15210 | 9.30%  | 15203 | 13.12% | 15201 | 0.00% |
|  | 15216 | 9.84%  | 15214 | 13.55% | 15214 | 0.00% |
|  | 15226 | 10.37% | 15211 | 15.38% | 15220 | 0.00% |
|  | 15210 | 11.50% | 15212 | 15.38% | 15212 | 0.00% |
|  | 15212 | 11.53% | 15214 | 15.38% | 15226 | 0.00% |
|  | 15214 | 11.80% | 15210 | 16.27% | 15214 | 0.00% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15207 | 12.22% | 15210 | 17.14% | 15206 | 0.00%  |
| 15206 | 13.03% | 15213 | 17.61% | 15210 | 0.00%  |
| 15214 | 13.22% | 15212 | 17.61% | 15212 | 0.00%  |
| 15206 | 13.53% | 15212 | 17.68% | 15206 | 0.00%  |
| 15210 | 14.69% | 15203 | 18.55% | 15212 | 0.00%  |
| 15201 | 15.23% | 15227 | 18.55% | 15212 | 0.00%  |
| 15226 | 15.38% | 15211 | 18.59% | 15210 | 0.00%  |
| 15220 | 15.94% | 15227 | 20.65% | 15208 | 0.00%  |
| 15212 | 15.94% | 15212 | 22.96% | 15208 | 0.00%  |
| 15206 | 16.38% | 15204 | 23.08% | 15212 | 0.00%  |
| 15210 | 16.40% | 15212 | 23.24% | 15214 | 0.00%  |
| 15210 | 16.82% | 15207 | 23.48% | 15212 | 0.00%  |
| 15210 | 17.61% | 15207 | 23.90% | 15206 | 0.00%  |
| 15210 | 17.61% | 15212 | 27.88% | 15210 | 0.00%  |
| 15211 | 19.02% | 15212 | 27.88% | 15207 | 0.00%  |
| 15204 | 19.49% | 15212 | 27.89% | 15226 | 0.00%  |
| 15212 | 21.60% | 15212 | 28.12% | 15210 | 0.00%  |
| 15210 | 22.31% | 15214 | 28.77% | 15210 | 0.00%  |
| 15210 | 22.68% | 15214 | 28.87% | 15219 | 0.00%  |
| 15210 | 22.76% | 15201 | 29.35% | 15206 | 0.00%  |
| 15201 | 22.96% | 15212 | 29.35% | 15219 | 0.00%  |
| 15210 | 23.24% | 15219 | 29.35% | 15217 | 3.98%  |
| 15212 | 23.48% | 15227 | 29.35% | 15208 | 4.05%  |
| 15204 | 23.48% | 15208 | 29.52% | 15211 | 4.45%  |
| 15203 | 23.48% | 15210 | 30.84% | 15214 | 5.25%  |
| 15206 | 23.83% | 15206 | 31.37% | 15206 | 5.56%  |
| 15216 | 25.04% | 15210 | 31.77% | 15216 | 6.94%  |
| 15212 | 25.26% | 15206 | 31.87% | 15219 | 7.43%  |
| 15206 | 25.74% | 15212 | 31.87% | 15224 | 7.67%  |
| 15217 | 26.24% | 15233 | 31.87% | 15210 | 7.67%  |
| 15206 | 26.29% | 15214 | 32.23% | 15207 | 7.69%  |
| 15213 | 26.92% | 15206 | 33.00% | 15210 | 8.02%  |
| 15219 | 27.03% | 15217 | 33.94% | 15204 | 8.14%  |
| 15206 | 27.31% | 15219 | 34.32% | 15210 | 8.51%  |
| 15206 | 27.89% | 15213 | 34.32% | 15214 | 8.67%  |
| 15204 | 28.45% | 15206 | 34.62% | 15210 | 9.31%  |
| 15207 | 29.35% | 15206 | 35.14% | 15220 | 9.62%  |
| 15216 | 29.35% | 15203 | 35.23% | 15207 | 9.97%  |
| 15207 | 29.35% | 15206 | 35.23% | 15212 | 10.74% |
| 15214 | 29.35% | 15203 | 36.15% | 15212 | 12.14% |
| 15207 | 29.52% | 15220 | 36.27% | 15210 | 13.92% |
| 15212 | 30.77% | 15204 | 36.42% | 15210 | 15.50% |
| 15206 | 30.77% | 15212 | 37.18% | 15208 | 15.94% |
| 15216 | 30.93% | 15222 | 37.45% | 15205 | 16.03% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15216 | 31.00% | 15210 | 38.10% | 15208 | 17.85% |
| 15204 | 31.66% | 15217 | 38.46% | 15210 | 18.15% |
| 15219 | 31.87% | 15206 | 38.46% | 15227 | 18.59% |
| 15203 | 32.02% | 15221 | 39.37% | 15205 | 18.66% |
| 15208 | 32.30% | 15219 | 39.37% | 15210 | 18.91% |
| 15212 | 32.53% | 15213 | 39.45% | 15226 | 19.12% |
| 15207 | 32.53% | 15210 | 39.54% | 15203 | 19.12% |
| 15204 | 32.80% | 15211 | 39.65% | 15208 | 19.75% |
| 15214 | 33.23% | 15210 | 40.15% | 15212 | 19.94% |
| 15210 | 34.40% | 15204 | 41.10% | 15212 | 20.38% |
| 15206 | 35.23% | 15212 | 41.43% | 15206 | 20.45% |
| 15211 | 35.49% | 15208 | 41.43% | 15224 | 21.46% |
| 15210 | 36.19% | 15204 | 41.83% | 15207 | 21.47% |
| 15207 | 36.27% | 15206 | 42.31% | 15201 | 22.13% |
| 15211 | 36.54% | 15120 | 42.31% | 15212 | 22.25% |
| 15226 | 37.18% | 15211 | 42.53% | 15233 | 23.08% |
| 15210 | 37.35% | 15211 | 42.65% | 15203 | 23.08% |
| 15204 | 37.50% | 15210 | 42.88% | 15206 | 23.14% |
| 15210 | 37.69% | 15212 | 42.90% | 15204 | 23.62% |
| 15220 | 38.16% | 15205 | 43.27% | 15212 | 23.90% |
| 15206 | 38.23% | 15212 | 43.83% | 15221 | 23.90% |
| 15219 | 38.46% | 15217 | 44.18% | 15206 | 24.63% |
| 15212 | 38.46% | 15212 | 44.84% | 15226 | 24.77% |
| 15214 | 38.46% | 15206 | 45.58% | 15210 | 25.50% |
| 15205 | 39.37% | 15210 | 45.79% | 15219 | 25.53% |
| 15211 | 39.50% | 15210 | 45.82% | 15207 | 26.13% |
| 15203 | 39.84% | 15221 | 45.85% | 15207 | 26.48% |
| 15221 | 39.84% | 15206 | 45.93% | 15208 | 26.95% |
| 15210 | 40.48% | 15220 | 46.10% | 15212 | 27.03% |
| 15212 | 40.61% | 15212 | 46.15% | 15208 | 27.28% |
| 15204 | 41.10% | 15211 | 46.15% | 15120 | 27.36% |
| 15203 | 41.10% | 15212 | 46.15% | 15204 | 27.56% |
| 15212 | 41.33% | 15207 | 46.48% | 15204 | 27.81% |
| 15203 | 41.83% | 15201 | 46.79% | 15209 | 27.89% |
| 15203 | 41.83% | 15214 | 46.97% | 15210 | 28.14% |
| 15214 | 42.23% | 15210 | 47.64% | 15216 | 28.37% |
| 15220 | 42.31% | 15216 | 47.81% | 15205 | 28.42% |
| 15224 | 42.31% | 15221 | 49.08% | 15204 | 28.69% |
| 15210 | 42.48% | 15210 | 49.21% | 15212 | 29.12% |
| 15212 | 43.27% | 15210 | 49.21% | 15211 | 29.86% |
| 15214 | 43.83% | 15208 | 49.26% | 15206 | 29.90% |
| 15206 | 44.03% | 15205 | 49.40% | 15216 | 30.21% |
| 15210 | 44.85% | 15210 | 49.40% | 15226 | 30.42% |
| 15205 | 45.00% | 15212 | 49.55% | 15214 | 30.57% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15204 | 45.69% | 15211 | 49.64% | 15214 | 30.77% |
| 15212 | 45.79% | 15226 | 49.78% | 15204 | 30.82% |
| 15210 | 46.15% | 15201 | 49.90% | 15219 | 31.81% |
| 15207 | 46.15% | 15212 | 51.48% | 15120 | 32.23% |
| 15212 | 46.44% | 15217 | 51.92% | 15208 | 32.87% |
| 15214 | 46.48% | 15212 | 52.43% | 15201 | 32.99% |
| 15207 | 46.48% | 15210 | 52.56% | 15221 | 33.37% |
| 15212 | 46.48% | 15219 | 52.84% | 15224 | 33.59% |
| 15211 | 46.48% | 15212 | 53.13% | 15220 | 33.70% |
| 15214 | 46.48% | 15106 | 53.71% | 15209 | 34.01% |
| 15212 | 46.54% | 15208 | 54.48% | 15212 | 34.04% |
| 15216 | 46.97% | 15208 | 55.17% | 15207 | 34.50% |
| 15220 | 46.97% | 15212 | 55.30% | 15214 | 34.86% |
| 15212 | 47.17% | 15219 | 55.36% | 15210 | 35.57% |
| 15207 | 47.19% | 15205 | 55.36% | 15210 | 36.02% |
| 15205 | 47.30% | 15210 | 55.36% | 15217 | 36.09% |
| 15232 | 47.81% | 15212 | 55.70% | 15204 | 36.09% |
| 15207 | 47.81% | 15221 | 55.77% | 15210 | 36.09% |
| 15221 | 47.81% | 15211 | 55.77% | 15210 | 36.23% |
| 15211 | 47.81% | 15224 | 55.77% | 15207 | 36.73% |
| 15216 | 47.83% | 15219 | 55.77% | 15233 | 36.84% |
| 15210 | 48.13% | 15219 | 55.77% | 15220 | 36.88% |
| 15207 | 48.26% | 15206 | 55.77% | 15106 | 37.33% |
| 15208 | 48.83% | 15208 | 55.77% | 15210 | 38.25% |
| 15207 | 49.21% | 15204 | 55.78% | 15214 | 38.34% |
| 15208 | 49.55% | 15211 | 57.20% | 15214 | 38.34% |
| 15210 | 50.00% | 15221 | 58.00% | 15204 | 38.36% |
| 15210 | 50.00% | 15219 | 58.71% | 15220 | 38.88% |
| 15226 | 50.20% | 15201 | 58.71% | 15226 | 39.37% |
| 15210 | 50.49% | 15214 | 58.71% | 15219 | 39.84% |
| 15207 | 51.12% | 15206 | 58.71% | 15207 | 40.53% |
| 15214 | 51.12% | 15212 | 58.71% | 15206 | 40.53% |
| 15210 | 51.19% | 15203 | 58.71% | 15212 | 40.53% |
| 15210 | 51.48% | 15206 | 59.05% | 15204 | 40.53% |
| 15214 | 52.84% | 15210 | 59.16% | 15213 | 42.39% |
| 15227 | 52.84% | 15210 | 59.54% | 15216 | 42.90% |
| 15208 | 52.84% | 15221 | 59.69% | 15206 | 43.25% |
| 15210 | 53.66% | 15204 | 59.76% | 15211 | 43.36% |
| 15234 | 53.85% | 15210 | 59.76% | 15205 | 43.97% |
| 15211 | 54.19% | 15210 | 59.86% | 15210 | 44.03% |
| 15210 | 55.24% | 15214 | 60.00% | 15205 | 44.79% |
| 15210 | 55.36% | 15212 | 60.42% | 15212 | 44.79% |
| 15207 | 55.36% | 15207 | 60.84% | 15206 | 44.79% |
| 15206 | 55.49% | 15212 | 61.12% | 15206 | 44.79% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15227 | 55.54% | 15204 | 61.43% | 15212 | 44.79% |
| 15212 | 55.77% | 15206 | 61.51% | 15221 | 44.94% |
| 15212 | 55.77% | 15224 | 62.96% | 15210 | 44.94% |
| 15213 | 55.77% | 15208 | 62.99% | 15120 | 45.03% |
| 15210 | 55.77% | 15210 | 63.75% | 15216 | 45.03% |
| 15201 | 55.78% | 15211 | 63.75% | 15208 | 45.03% |
| 15227 | 55.78% | 15205 | 64.06% | 15216 | 45.39% |
| 15204 | 56.54% | 15217 | 64.58% | 15214 | 45.39% |
| 15212 | 57.16% | 15206 | 64.86% | 15219 | 45.39% |
| 15219 | 57.20% | 15219 | 65.07% | 15214 | 45.39% |
| 15206 | 57.20% | 15212 | 65.07% | 15203 | 45.39% |
| 15206 | 57.69% | 15209 | 65.07% | 15210 | 45.52% |
| 15210 | 57.69% | 15210 | 65.07% | 15219 | 45.76% |
| 15220 | 57.71% | 15227 | 65.34% | 15224 | 46.01% |
| 15214 | 58.59% | 15212 | 65.61% | 15204 | 46.01% |
| 15206 | 58.71% | 15210 | 65.61% | 15212 | 46.01% |
| 15204 | 58.71% | 15212 | 65.62% | 15206 | 46.15% |
| 15226 | 58.71% | 15214 | 65.99% | 15220 | 46.97% |
| 15201 | 58.71% | 15206 | 67.73% | 15206 | 46.97% |
| 15210 | 59.26% | 15213 | 68.18% | 15207 | 47.54% |
| 15227 | 59.62% | 15210 | 68.23% | 15210 | 47.68% |
| 15212 | 59.72% | 15214 | 68.64% | 15214 | 47.81% |
| 15201 | 59.76% | 15207 | 68.89% | 15212 | 48.04% |
| 15213 | 59.94% | 15204 | 69.71% | 15216 | 48.36% |
| 15210 | 60.23% | 15217 | 69.71% | 15216 | 48.52% |
| 15206 | 60.42% | 15203 | 69.88% | 15216 | 48.52% |
| 15210 | 60.96% | 15210 | 70.30% | 15219 | 48.63% |
| 15209 | 61.54% | 15210 | 70.45% | 15227 | 48.85% |
| 15210 | 62.74% | 15210 | 70.45% | 15204 | 48.90% |
| 15210 | 62.79% | 15226 | 70.45% | 15206 | 49.21% |
| 15208 | 63.46% | 15206 | 70.45% | 15212 | 49.33% |
| 15204 | 63.47% | 15206 | 70.45% | 15204 | 50.01% |
| 15205 | 63.73% | 15210 | 70.45% | 15226 | 50.06% |
| 15217 | 63.75% | 15212 | 70.45% | 15210 | 50.39% |
| 15206 | 63.75% | 15212 | 70.45% | 15209 | 50.43% |
| 15214 | 63.75% | 15206 | 70.45% | 15208 | 50.61% |
| 15216 | 63.75% | 15210 | 70.60% | 15226 | 50.67% |
| 15206 | 63.75% | 15206 | 71.50% | 15214 | 51.06% |
| 15206 | 63.75% | 15220 | 71.61% | 15233 | 51.06% |
| 15214 | 63.75% | 15212 | 71.71% | 15204 | 51.12% |
| 15204 | 64.29% | 15210 | 71.71% | 15214 | 52.06% |
| 15214 | 64.58% | 15221 | 71.71% | 15226 | 52.26% |
| 15212 | 64.58% | 15221 | 71.71% | 15210 | 52.48% |
| 15219 | 64.58% | 15201 | 72.03% | 15212 | 52.84% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15212 | 64.58% | 15212 | 72.17% | 15210 | 53.11% |
| 15210 | 64.78% | 15206 | 72.75% | 15208 | 53.33% |
| 15219 | 64.81% | 15204 | 72.83% | 15210 | 53.62% |
| 15205 | 65.02% | 15214 | 73.23% | 15210 | 53.67% |
| 15209 | 65.07% | 15206 | 73.23% | 15217 | 53.67% |
| 15226 | 65.58% | 15226 | 73.39% | 15212 | 54.03% |
| 15217 | 65.61% | 15224 | 73.55% | 15212 | 54.19% |
| 15205 | 65.61% | 15208 | 74.21% | 15206 | 54.30% |
| 15212 | 66.29% | 15211 | 74.34% | 15212 | 54.70% |
| 15226 | 66.46% | 15219 | 74.36% | 15212 | 54.87% |
| 15210 | 66.69% | 15214 | 74.36% | 15210 | 55.17% |
| 15208 | 67.40% | 15224 | 74.42% | 15210 | 55.24% |
| 15208 | 67.57% | 15210 | 74.90% | 15208 | 55.31% |
| 15210 | 67.57% | 15208 | 74.90% | 15212 | 55.38% |
| 15207 | 67.73% | 15208 | 75.14% | 15219 | 55.77% |
| 15207 | 67.93% | 15212 | 75.14% | 15206 | 55.77% |
| 15212 | 67.97% | 15214 | 75.14% | 15207 | 55.77% |
| 15224 | 68.21% | 15224 | 75.14% | 15212 | 55.79% |
| 15210 | 68.45% | 15213 | 75.14% | 15216 | 55.80% |
| 15212 | 68.89% | 15210 | 75.14% | 15219 | 55.99% |
| 15207 | 69.10% | 15209 | 75.14% | 15203 | 55.99% |
| 15206 | 69.71% | 15213 | 75.14% | 15210 | 56.07% |
| 15207 | 69.71% | 15221 | 75.30% | 15219 | 56.12% |
| 15203 | 69.71% | 15212 | 75.30% | 15210 | 56.28% |
| 15219 | 69.71% | 15221 | 75.45% | 15208 | 56.36% |
| 15210 | 70.45% | 15203 | 76.02% | 15212 | 56.51% |
| 15216 | 70.45% | 15204 | 76.24% | 15206 | 56.51% |
| 15216 | 70.45% | 15208 | 76.49% | 15210 | 56.60% |
| 15226 | 70.45% | 15220 | 76.54% | 15212 | 56.74% |
| 15210 | 70.45% | 15212 | 76.73% | 15209 | 56.74% |
| 15203 | 70.45% | 15210 | 76.81% | 15227 | 56.74% |
| 15214 | 70.52% | 15201 | 76.89% | 15207 | 56.74% |
| 15204 | 71.16% | 15216 | 76.89% | 15210 | 57.30% |
| 15217 | 71.39% | 15212 | 76.89% | 15212 | 57.37% |
| 15206 | 71.71% | 15212 | 76.89% | 15210 | 57.37% |
| 15212 | 71.71% | 15212 | 76.90% | 15210 | 57.51% |
| 15210 | 71.71% | 15208 | 76.90% | 15227 | 57.69% |
| 15212 | 71.71% | 15210 | 76.92% | 15207 | 57.69% |
| 15203 | 71.71% | 15210 | 76.92% | 15214 | 57.69% |
| 15208 | 71.71% | 15217 | 76.92% | 15210 | 57.69% |
| 15210 | 71.71% | 15210 | 76.92% | 15206 | 57.83% |
| 15208 | 72.03% | 15221 | 77.05% | 15220 | 57.97% |
| 15212 | 72.04% | 15207 | 77.53% | 15203 | 58.23% |
| 15226 | 72.17% | 15206 | 77.53% | 15207 | 58.27% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15212 | 72.42% | 15210 | 77.89% | 15207 | 58.27% |
| 15209 | 73.08% | 15217 | 78.08% | 15226 | 58.71% |
| 15219 | 73.15% | 15213 | 78.09% | 15206 | 58.71% |
| 15219 | 73.33% | 15204 | 78.09% | 15220 | 58.71% |
| 15206 | 73.86% | 15212 | 78.49% | 15212 | 59.05% |
| 15233 | 74.08% | 15207 | 78.49% | 15210 | 59.72% |
| 15212 | 74.15% | 15207 | 78.73% | 15205 | 59.72% |
| 15226 | 74.36% | 15201 | 79.12% | 15205 | 60.01% |
| 15224 | 74.36% | 15206 | 79.20% | 15216 | 60.06% |
| 15205 | 74.36% | 15201 | 79.44% | 15210 | 60.42% |
| 15207 | 74.36% | 15210 | 79.52% | 15212 | 60.61% |
| 15206 | 74.36% | 15203 | 79.68% | 15219 | 60.84% |
| 15212 | 74.36% | 15207 | 79.68% | 15221 | 61.20% |
| 15212 | 74.38% | 15210 | 79.68% | 15212 | 61.34% |
| 15212 | 74.44% | 15211 | 79.68% | 15210 | 61.64% |
| 15210 | 74.66% | 15201 | 79.68% | 15204 | 61.88% |
| 15212 | 74.82% | 15203 | 79.68% | 15212 | 62.36% |
| 15220 | 74.85% | 15206 | 79.68% | 15213 | 62.41% |
| 15208 | 74.90% | 15219 | 80.24% | 15212 | 62.72% |
| 15206 | 74.90% | 15210 | 80.49% | 15207 | 62.90% |
| 15210 | 74.90% | 15214 | 80.80% | 15204 | 63.04% |
| 15221 | 75.14% | 15208 | 81.59% | 15209 | 63.04% |
| 15106 | 75.14% | 15201 | 82.07% | 15220 | 63.41% |
| 15235 | 75.14% | 15207 | 82.36% | 15210 | 63.45% |
| 15224 | 75.14% | 15212 | 82.55% | 15211 | 63.45% |
| 15212 | 75.14% | 15204 | 82.85% | 15205 | 63.71% |
| 15210 | 75.14% | 15207 | 82.95% | 15206 | 64.03% |
| 15210 | 75.14% | 15219 | 83.66% | 15206 | 64.03% |
| 15220 | 75.14% | 15212 | 83.66% | 15214 | 64.58% |
| 15207 | 75.14% | 15210 | 84.62% | 15220 | 64.58% |
| 15210 | 75.14% | 15201 | 84.62% | 15204 | 64.86% |
| 15201 | 75.14% | 15210 | 85.29% | 15212 | 65.02% |
| 15204 | 75.38% | 15210 | 85.29% | 15204 | 65.07% |
| 15217 | 75.38% | 15210 | 85.45% | 15206 | 65.18% |
| 15204 | 75.45% | 15210 | 85.65% | 15232 | 65.32% |
| 15212 | 75.86% | 15210 | 85.80% | 15212 | 65.34% |
| 15204 | 75.94% | 15210 | 85.80% | 15208 | 65.38% |
| 15206 | 76.25% | 15212 | 85.95% | 15212 | 65.61% |
| 15219 | 76.32% | 15206 | 86.85% | 15201 | 65.61% |
| 15204 | 76.49% | 15217 | 87.13% | 15206 | 65.61% |
| 15226 | 76.62% | 15206 | 87.25% | 15219 | 65.81% |
| 15203 | 76.73% | 15201 | 87.49% | 15212 | 66.17% |
| 15211 | 76.81% | 15219 | 87.49% | 15212 | 66.53% |
| 15210 | 76.82% | 15211 | 87.65% | 15207 | 66.85% |

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 15210 | 76.89% | 15206 | 87.65% | 15205 | 67.19% |
| 15212 | 76.89% | 15206 | 87.81% | 15214 | 67.19% |
| 15212 | 76.89% | 15210 | 88.04% | 15213 | 67.48% |
| 15214 | 76.89% | 15210 | 88.06% | 15208 | 67.54% |
| 15216 | 76.92% | 15106 | 88.06% | 15210 | 67.54% |
| 15214 | 77.03% | 15204 | 88.30% | 15206 | 67.54% |
| 15201 | 77.12% | 15214 | 88.30% | 15208 | 67.55% |
| 15206 | 77.13% | 15212 | 88.63% | 15214 | 67.57% |
| 15201 | 77.29% | 15219 | 89.08% | 15203 | 67.82% |
| 15203 | 77.29% | 15210 | 89.08% | 15224 | 67.97% |
| 15206 | 77.69% | 15205 | 89.64% | 15226 | 68.09% |
| 15206 | 77.69% | 15203 | 90.04% | 15212 | 68.09% |
| 15210 | 78.01% | 15207 | 90.16% | 15120 | 68.17% |
| 15206 | 78.26% | 15206 | 90.31% | 15214 | 68.29% |
| 15206 | 78.49% | 15212 | 90.86% | 15214 | 68.46% |
| 15217 | 78.73% | 15232 | 91.08% | 15224 | 68.57% |
| 15204 | 78.90% | 15210 | 91.82% | 15206 | 68.89% |
| 15120 | 79.01% | 15210 | 91.85% | 15234 | 69.01% |
| 15204 | 79.01% | 15210 | 91.85% | 15208 | 69.01% |
| 15201 | 79.26% | 15226 | 92.31% | 15219 | 69.01% |
| 15214 | 79.28% | 15212 | 92.31% | 15214 | 69.01% |
| 15210 | 79.32% | 15212 | 92.31% | 15219 | 69.01% |
| 15207 | 79.52% | 15207 | 92.35% | 15212 | 69.01% |
| 15211 | 79.68% | 15211 | 92.95% | 15219 | 69.01% |
| 15206 | 79.68% | 15203 | 92.95% | 15210 | 69.05% |
| 15212 | 79.68% | 15208 | 92.95% | 15211 | 69.11% |
| 15208 | 79.68% | 15214 | 92.95% | 15203 | 69.23% |
| 15234 | 79.68% | 15216 | 93.15% | 15204 | 69.25% |
| 15219 | 79.68% | 15212 | 93.15% | 15216 | 69.39% |
| 15204 | 79.68% | 15204 | 93.71% | 15220 | 69.56% |
| 15207 | 79.68% | 15224 | 93.93% | 15206 | 69.62% |
| 15233 | 79.84% | 15201 | 93.93% | 15210 | 69.71% |
| 15211 | 80.08% | 15212 | 93.93% | 15210 | 69.71% |
| 15217 | 80.25% | 15214 | 93.93% | 15212 | 69.79% |
| 15212 | 80.63% | 15212 | 94.30% | 15217 | 70.01% |
| 15208 | 80.92% | 15204 | 94.70% | 15219 | 70.08% |
| 15204 | 81.49% | 15206 | 94.98% | 15201 | 70.08% |
| 15212 | 81.59% | 15219 | 95.01% | 15212 | 70.08% |
| 15212 | 81.77% | 15212 | 95.14% | 15221 | 70.12% |
| 15210 | 82.01% | 15212 | 95.62% | 15219 | 70.13% |
| 15210 | 82.07% | 15208 | 95.62% | 15206 | 70.20% |
| 15203 | 82.19% | 15209 | 95.62% | 15217 | 70.45% |
| 15224 | 82.19% | 15224 | 95.62% | 15216 | 70.50% |
| 15221 | 82.19% | 15212 | 95.62% | 15224 | 70.54% |

|       |        |       |         |       |        |
|-------|--------|-------|---------|-------|--------|
| 15221 | 82.19% | 15208 | 95.62%  | 15208 | 71.16% |
| 15207 | 82.19% | 15210 | 95.62%  | 15203 | 71.63% |
| 15208 | 82.19% | 15211 | 95.62%  | 15214 | 71.71% |
| 15208 | 82.19% | 15204 | 95.62%  | 15208 | 72.04% |
| 15212 | 82.31% | 15207 | 95.92%  | 15216 | 72.05% |
| 15210 | 82.50% | 15214 | 96.15%  | 15220 | 72.17% |
| 15226 | 82.55% | 15210 | 96.22%  | 15210 | 72.23% |
| 15207 | 82.87% | 15204 | 96.63%  | 15219 | 72.31% |
| 15210 | 82.94% | 15210 | 96.65%  | 15220 | 72.34% |
| 15234 | 83.43% | 15212 | 96.67%  | 15214 | 72.99% |
| 15212 | 83.66% | 15210 | 96.74%  | 15204 | 73.00% |
| 15206 | 83.66% | 15204 | 97.51%  | 15210 | 73.07% |
| 15212 | 83.66% | 15210 | 97.61%  | 15220 | 73.08% |
| 15213 | 83.66% | 15210 | 97.87%  | 15210 | 73.08% |
| 15203 | 83.66% | 15220 | 98.17%  | 15204 | 73.21% |
| 15212 | 83.66% | 15206 | 98.17%  | 15235 | 73.76% |
| 15221 | 83.67% | 15210 | 98.41%  | 15206 | 73.76% |
| 15220 | 83.72% | 15214 | 98.41%  | 15203 | 73.84% |
| 15207 | 83.75% | 15212 | 98.41%  | 15226 | 73.92% |
| 15226 | 84.54% | 15212 | 98.46%  | 15204 | 74.00% |
| 15220 | 84.62% | 15226 | 98.46%  | 15212 | 74.15% |
| 15219 | 84.62% | 15210 | 98.46%  | 15209 | 74.15% |
| 15210 | 84.62% | 15212 | 99.80%  | 15214 | 74.15% |
| 15219 | 84.62% | 15204 | 99.80%  | 15203 | 74.15% |
| 15204 | 84.70% | 15210 | 100.00% | 15220 | 74.15% |
| 15216 | 84.89% | 15207 | 100.00% | 15212 | 74.36% |
| 15210 | 85.86% | 15204 | 100.00% | 15206 | 74.36% |
| 15220 | 85.89% | 15210 | 100.00% | 15235 | 74.36% |
| 15203 | 86.48% | 15226 | 100.00% | 15214 | 74.58% |
| 15214 | 86.54% | 15208 | 100.12% | 15220 | 74.65% |
| 15206 | 86.85% | 15210 | 100.15% | 15206 | 74.65% |
| 15216 | 87.01% | 15226 | 100.48% | 15204 | 74.65% |
| 15212 | 87.08% | 15212 | 100.95% | 15220 | 74.65% |
| 15212 | 87.47% | 15226 | 101.39% | 15212 | 74.65% |
| 15204 | 87.59% | 15226 | 101.67% | 15220 | 74.84% |
| 15208 | 87.59% | 15216 | 101.70% | 15219 | 74.89% |
| 15226 | 87.65% | 15204 | 101.83% | 15208 | 74.91% |
| 15211 | 87.65% | 15216 | 101.83% | 15221 | 74.91% |
| 15212 | 87.97% | 15210 | 101.94% | 15212 | 75.07% |
| 15208 | 88.06% | 15210 | 102.25% | 15227 | 75.14% |
| 15207 | 88.06% | 15212 | 102.25% | 15212 | 75.54% |
| 15207 | 88.06% | 15204 | 102.25% | 15207 | 75.68% |
| 15204 | 88.30% | 15212 | 102.25% | 15220 | 75.68% |
| 15233 | 88.46% | 15212 | 102.25% | 15212 | 75.78% |

|       |        |       |         |       |        |
|-------|--------|-------|---------|-------|--------|
| 15227 | 88.46% | 15208 | 102.33% | 15208 | 75.91% |
| 15219 | 88.57% | 15220 | 102.57% | 15207 | 75.99% |
| 15233 | 88.61% | 15224 | 102.74% | 15224 | 76.00% |
| 15226 | 89.77% | 15204 | 102.96% | 15203 | 76.22% |
| 15201 | 90.59% | 15212 | 103.19% | 15210 | 76.42% |
| 15211 | 90.63% | 15211 | 103.19% | 15210 | 76.49% |
| 15212 | 90.92% | 15212 | 103.59% | 15213 | 76.49% |
| 15214 | 91.59% | 15208 | 103.59% | 15211 | 76.55% |
| 15206 | 91.63% | 15212 | 103.59% | 15216 | 76.65% |
| 15216 | 91.63% | 15224 | 103.65% | 15210 | 76.68% |
| 15204 | 91.79% | 15209 | 103.67% | 15210 | 76.68% |
| 15208 | 92.07% | 15203 | 103.75% | 15210 | 76.68% |
| 15214 | 92.27% | 15212 | 103.75% | 15214 | 76.68% |
| 15212 | 92.31% | 15224 | 104.80% | 15226 | 76.68% |
| 15224 | 92.31% | 15210 | 105.68% | 15219 | 76.68% |
| 15201 | 92.31% | 15211 | 105.68% | 15219 | 76.68% |
| 15210 | 92.31% | 15207 | 105.68% | 15214 | 76.68% |
| 15217 | 92.31% | 15216 | 105.68% | 15201 | 76.68% |
| 15210 | 92.31% | 15212 | 105.68% | 15206 | 76.68% |
| 15227 | 92.31% | 15212 | 105.68% | 15221 | 76.81% |
| 15234 | 92.31% | 15214 | 105.68% | 15210 | 76.83% |
| 15206 | 92.31% | 15210 | 106.15% | 15219 | 76.89% |
| 15224 | 92.58% | 15211 | 106.22% | 15209 | 76.89% |
| 15211 | 92.95% | 15219 | 106.32% | 15207 | 76.91% |
| 15210 | 92.95% | 15201 | 106.45% | 15210 | 76.92% |
| 15212 | 92.95% | 15203 | 106.61% | 15201 | 76.92% |
| 15203 | 92.95% | 15201 | 106.67% | 15220 | 77.05% |
| 15214 | 92.95% | 15208 | 106.77% | 15217 | 77.13% |
| 15214 | 92.95% | 15201 | 106.89% | 15212 | 77.13% |
| 15219 | 92.95% | 15204 | 106.89% | 15210 | 77.29% |
| 15208 | 92.95% | 15201 | 107.25% | 15210 | 77.29% |
| 15216 | 92.95% | 15219 | 107.49% | 15212 | 77.37% |
| 15219 | 92.95% | 15235 | 107.57% | 15210 | 77.37% |
| 15214 | 92.95% | 15212 | 107.57% | 15211 | 77.37% |
| 15212 | 92.95% | 15205 | 107.69% | 15208 | 77.40% |
| 15208 | 93.23% | 15217 | 107.69% | 15214 | 77.56% |
| 15227 | 93.55% | 15212 | 107.89% | 15224 | 77.98% |
| 15207 | 94.38% | 15210 | 107.91% | 15210 | 78.11% |
| 15210 | 94.42% | 15227 | 107.96% | 15210 | 78.17% |
| 15207 | 94.48% | 15210 | 108.02% | 15219 | 78.57% |
| 15210 | 94.81% | 15221 | 108.14% | 15206 | 78.70% |
| 15209 | 94.98% | 15207 | 108.26% | 15220 | 78.75% |
| 15217 | 95.11% | 15212 | 108.26% | 15212 | 78.79% |
| 15224 | 95.13% | 15206 | 108.53% | 15217 | 78.87% |

|       |         |       |         |       |        |
|-------|---------|-------|---------|-------|--------|
| 15211 | 95.13%  | 15212 | 108.61% | 15219 | 79.43% |
| 15207 | 95.30%  | 15206 | 109.20% | 15208 | 79.43% |
| 15217 | 95.62%  | 15206 | 109.20% | 15210 | 79.43% |
| 15212 | 95.62%  | 15201 | 109.26% | 15221 | 79.43% |
| 15224 | 95.62%  | 15206 | 109.34% | 15208 | 79.68% |
| 15213 | 95.62%  | 15204 | 110.02% | 15201 | 79.68% |
| 15204 | 95.62%  | 15212 | 110.12% | 15220 | 79.68% |
| 15210 | 95.62%  | 15208 | 111.08% | 15210 | 79.68% |
| 15212 | 95.62%  | 15221 | 111.54% | 15212 | 79.68% |
| 15206 | 95.69%  | 15206 | 111.55% | 15205 | 79.68% |
| 15210 | 96.15%  | 15226 | 111.55% | 15220 | 79.68% |
| 15201 | 96.15%  | 15226 | 111.55% | 15210 | 79.68% |
| 15220 | 96.28%  | 15227 | 111.55% | 15201 | 79.68% |
| 15205 | 96.57%  | 15206 | 111.55% | 15224 | 79.68% |
| 15211 | 96.87%  | 15214 | 111.55% | 15206 | 79.84% |
| 15212 | 96.97%  | 15210 | 112.09% | 15211 | 79.84% |
| 15206 | 97.24%  | 15210 | 112.15% | 15211 | 80.08% |
| 15201 | 97.60%  | 15211 | 112.35% | 15206 | 80.36% |
| 15214 | 97.61%  | 15214 | 113.31% | 15205 | 80.42% |
| 15212 | 97.77%  | 15208 | 113.37% | 15226 | 80.89% |
| 15226 | 98.01%  | 15219 | 113.71% | 15212 | 81.02% |
| 15207 | 98.01%  | 15220 | 113.78% | 15221 | 81.04% |
| 15210 | 98.41%  | 15214 | 114.18% | 15206 | 81.05% |
| 15201 | 98.41%  | 15205 | 114.39% | 15206 | 81.05% |
| 15210 | 98.50%  | 15207 | 114.48% | 15204 | 81.42% |
| 15201 | 99.04%  | 15212 | 114.82% | 15212 | 82.01% |
| 15203 | 99.04%  | 15209 | 115.38% | 15207 | 82.01% |
| 15216 | 99.46%  | 15212 | 115.38% | 15216 | 82.12% |
| 15224 | 99.52%  | 15207 | 115.38% | 15201 | 82.38% |
| 15203 | 99.60%  | 15209 | 115.38% | 15219 | 82.55% |
| 15234 | 99.60%  | 15206 | 115.38% | 15220 | 82.87% |
| 15212 | 99.60%  | 15212 | 115.38% | 15206 | 83.19% |
| 15217 | 99.80%  | 15201 | 115.38% | 15204 | 83.52% |
| 15214 | 99.80%  | 15216 | 115.46% | 15216 | 83.66% |
| 15210 | 99.80%  | 15210 | 116.02% | 15216 | 83.80% |
| 15207 | 100.00% | 15210 | 116.19% | 15206 | 83.82% |
| 15211 | 100.25% | 15210 | 116.19% | 15214 | 83.82% |
| 15206 | 100.69% | 15219 | 116.19% | 15226 | 83.89% |
| 15210 | 100.88% | 15201 | 116.19% | 15226 | 83.98% |
| 15208 | 101.13% | 15212 | 116.60% | 15235 | 84.27% |
| 15212 | 101.59% | 15226 | 116.81% | 15211 | 84.35% |
| 15233 | 102.01% | 15214 | 116.91% | 15201 | 84.35% |
| 15207 | 102.25% | 15201 | 117.29% | 15219 | 84.35% |
| 15211 | 102.25% | 15212 | 117.42% | 15212 | 84.35% |

|       |         |       |         |       |        |
|-------|---------|-------|---------|-------|--------|
| 15213 | 102.55% | 15212 | 117.42% | 15212 | 84.48% |
| 15212 | 102.79% | 15207 | 117.42% | 15214 | 84.62% |
| 15216 | 102.96% | 15212 | 117.42% | 15220 | 84.62% |
| 15219 | 103.09% | 15211 | 117.42% | 15106 | 84.73% |
| 15214 | 103.48% | 15216 | 117.42% | 15206 | 84.77% |
| 15201 | 103.59% | 15213 | 117.42% | 15214 | 85.00% |
| 15201 | 103.59% | 15201 | 117.42% | 15207 | 85.11% |
| 15219 | 103.59% | 15204 | 117.42% | 15219 | 85.11% |
| 15233 | 103.59% | 15212 | 117.42% | 15216 | 85.11% |
| 15224 | 103.85% | 15201 | 117.93% | 15210 | 85.11% |
| 15204 | 103.85% | 15207 | 118.10% | 15217 | 85.13% |
| 15212 | 104.62% | 15210 | 118.10% | 15208 | 85.29% |
| 15201 | 104.63% | 15203 | 118.28% | 15209 | 85.29% |
| 15219 | 104.70% | 15208 | 118.57% | 15217 | 85.34% |
| 15206 | 104.98% | 15220 | 118.57% | 15214 | 85.42% |
| 15227 | 104.98% | 15217 | 118.59% | 15212 | 85.55% |
| 15205 | 105.56% | 15216 | 118.94% | 15217 | 85.73% |
| 15219 | 105.68% | 15210 | 119.23% | 15226 | 85.80% |
| 15210 | 105.68% | 15226 | 119.23% | 15201 | 85.85% |
| 15212 | 105.68% | 15210 | 119.23% | 15214 | 86.06% |
| 15219 | 105.68% | 15214 | 119.52% | 15226 | 86.14% |
| 15211 | 105.68% | 15206 | 119.52% | 15206 | 86.29% |
| 15210 | 105.68% | 15214 | 119.52% | 15217 | 86.29% |
| 15204 | 105.68% | 15208 | 119.52% | 15212 | 86.49% |
| 15212 | 105.98% | 15211 | 119.52% | 15234 | 86.65% |
| 15212 | 105.98% | 15207 | 119.52% | 15209 | 87.18% |
| 15219 | 106.69% | 15214 | 119.52% | 15210 | 87.34% |
| 15206 | 106.89% | 15212 | 119.52% | 15206 | 87.65% |
| 15224 | 106.98% | 15220 | 119.52% | 15204 | 87.89% |
| 15206 | 107.61% | 15206 | 119.52% | 15214 | 87.98% |
| 15226 | 107.69% | 15221 | 119.53% | 15212 | 88.00% |
| 15206 | 107.69% | 15211 | 120.35% | 15212 | 88.03% |
| 15207 | 107.69% | 15214 | 120.40% | 15211 | 88.06% |
| 15220 | 107.69% | 15216 | 120.84% | 15206 | 88.06% |
| 15212 | 107.71% | 15220 | 120.84% | 15220 | 88.06% |
| 15206 | 108.02% | 15219 | 121.23% | 15217 | 88.52% |
| 15210 | 108.05% | 15210 | 122.15% | 15204 | 88.56% |
| 15219 | 108.08% | 15212 | 123.08% | 15204 | 88.56% |
| 15208 | 108.13% | 15212 | 123.08% | 15219 | 88.72% |
| 15210 | 108.26% | 15206 | 123.29% | 15210 | 88.72% |
| 15206 | 108.45% | 15204 | 123.29% | 15217 | 88.99% |
| 15234 | 108.78% | 15220 | 123.29% | 15233 | 89.06% |
| 15208 | 108.90% | 15206 | 123.29% | 15212 | 89.18% |
| 15208 | 109.48% | 15203 | 123.29% | 15212 | 89.24% |

|       |         |       |         |       |        |
|-------|---------|-------|---------|-------|--------|
| 15212 | 109.56% | 15201 | 123.29% | 15204 | 89.58% |
| 15207 | 109.72% | 15212 | 123.81% | 15207 | 89.58% |
| 15204 | 110.17% | 15233 | 123.98% | 15221 | 89.79% |
| 15221 | 110.76% | 15204 | 123.99% | 15201 | 90.06% |
| 15217 | 111.16% | 15208 | 124.22% | 15227 | 90.12% |
| 15204 | 111.54% | 15217 | 124.51% | 15212 | 91.44% |
| 15212 | 111.54% | 15212 | 124.70% | 15210 | 92.01% |
| 15210 | 111.54% | 15205 | 126.14% | 15224 | 92.01% |
| 15219 | 111.54% | 15233 | 126.69% | 15206 | 92.01% |
| 15208 | 111.55% | 15210 | 126.69% | 15213 | 92.01% |
| 15214 | 111.55% | 15212 | 126.93% | 15204 | 92.01% |
| 15205 | 111.55% | 15203 | 127.17% | 15201 | 92.01% |
| 15210 | 111.55% | 15221 | 127.49% | 15210 | 92.01% |
| 15212 | 111.55% | 15219 | 127.49% | 15226 | 92.01% |
| 15216 | 111.60% | 15207 | 127.49% | 15226 | 92.03% |
| 15211 | 112.03% | 15208 | 127.49% | 15210 | 92.17% |
| 15219 | 112.59% | 15219 | 127.49% | 15207 | 92.24% |
| 15214 | 112.66% | 15233 | 127.49% | 15206 | 92.31% |
| 15201 | 112.83% | 15207 | 127.49% | 15207 | 92.31% |
| 15204 | 113.20% | 15210 | 127.49% | 15212 | 92.31% |
| 15207 | 113.31% | 15220 | 127.49% | 15208 | 92.54% |
| 15210 | 113.41% | 15212 | 127.98% | 15206 | 92.59% |
| 15207 | 113.42% | 15216 | 128.69% | 15201 | 92.59% |
| 15208 | 113.54% | 15204 | 129.16% | 15226 | 92.70% |
| 15206 | 113.78% | 15214 | 129.16% | 15208 | 92.95% |
| 15226 | 113.85% | 15206 | 129.16% | 15233 | 92.95% |
| 15207 | 114.07% | 15221 | 129.32% | 15210 | 92.95% |
| 15106 | 114.26% | 15214 | 129.32% | 15204 | 92.95% |
| 15227 | 114.39% | 15212 | 130.09% | 15217 | 93.39% |
| 15205 | 114.39% | 15212 | 130.13% | 15206 | 94.41% |
| 15211 | 114.40% | 15226 | 130.13% | 15224 | 94.47% |
| 15217 | 114.82% | 15212 | 130.13% | 15209 | 94.52% |
| 15212 | 114.90% | 15210 | 130.46% | 15208 | 94.54% |
| 15212 | 115.38% | 15219 | 130.77% | 15212 | 94.56% |
| 15212 | 115.38% | 15211 | 130.77% | 15206 | 94.82% |
| 15214 | 115.38% | 15212 | 131.22% | 15217 | 94.82% |
| 15201 | 115.38% | 15201 | 131.63% | 15219 | 95.05% |
| 15218 | 115.38% | 15214 | 131.71% | 15210 | 95.16% |
| 15221 | 115.38% | 15224 | 131.95% | 15212 | 95.22% |
| 15207 | 115.51% | 15211 | 132.04% | 15212 | 95.46% |
| 15207 | 115.70% | 15217 | 132.88% | 15217 | 95.52% |
| 15210 | 115.70% | 15207 | 132.91% | 15210 | 95.54% |
| 15216 | 115.72% | 15216 | 133.03% | 15214 | 95.62% |
| 15208 | 115.86% | 15204 | 133.42% | 15233 | 95.62% |

|       |         |       |         |       |         |
|-------|---------|-------|---------|-------|---------|
| 15217 | 116.18% | 15210 | 133.47% | 15204 | 95.62%  |
| 15120 | 116.19% | 15210 | 133.47% | 15203 | 95.62%  |
| 15208 | 116.19% | 15210 | 134.13% | 15206 | 95.62%  |
| 15226 | 116.19% | 15214 | 134.31% | 15208 | 95.62%  |
| 15206 | 116.19% | 15232 | 134.62% | 15206 | 95.62%  |
| 15201 | 116.19% | 15226 | 134.62% | 15206 | 95.62%  |
| 15219 | 116.19% | 15207 | 134.78% | 15201 | 95.62%  |
| 15206 | 116.19% | 15201 | 135.03% | 15203 | 95.62%  |
| 15224 | 116.33% | 15206 | 135.46% | 15209 | 95.78%  |
| 15206 | 116.65% | 15210 | 136.10% | 15210 | 95.85%  |
| 15220 | 116.73% | 15217 | 136.31% | 15220 | 96.41%  |
| 15226 | 116.92% | 15206 | 136.81% | 15204 | 96.45%  |
| 15106 | 117.42% | 15212 | 137.29% | 15216 | 96.97%  |
| 15210 | 117.42% | 15207 | 138.25% | 15212 | 96.97%  |
| 15203 | 117.42% | 15204 | 138.68% | 15201 | 97.05%  |
| 15214 | 117.42% | 15226 | 139.28% | 15206 | 97.33%  |
| 15206 | 117.42% | 15214 | 139.43% | 15210 | 97.46%  |
| 15212 | 117.42% | 15212 | 139.43% | 15208 | 97.61%  |
| 15214 | 117.42% | 15210 | 139.43% | 15212 | 98.64%  |
| 15224 | 117.42% | 15210 | 140.12% | 15204 | 98.80%  |
| 15214 | 117.42% | 15211 | 140.82% | 15208 | 99.06%  |
| 15206 | 117.42% | 15210 | 140.90% | 15221 | 99.06%  |
| 15212 | 117.42% | 15224 | 140.90% | 15213 | 99.06%  |
| 15212 | 117.42% | 15211 | 140.90% | 15208 | 99.53%  |
| 15207 | 117.61% | 15205 | 140.90% | 15206 | 99.60%  |
| 15219 | 117.93% | 15212 | 141.06% | 15210 | 99.68%  |
| 15216 | 118.64% | 15212 | 141.77% | 15204 | 99.68%  |
| 15213 | 118.75% | 15206 | 141.84% | 15210 | 99.68%  |
| 15206 | 118.80% | 15210 | 142.13% | 15219 | 99.68%  |
| 15219 | 118.88% | 15210 | 142.27% | 15214 | 99.76%  |
| 15204 | 119.44% | 15207 | 143.03% | 15214 | 99.76%  |
| 15208 | 119.52% | 15227 | 143.42% | 15211 | 99.80%  |
| 15219 | 119.52% | 15233 | 143.42% | 15221 | 99.80%  |
| 15213 | 119.52% | 15205 | 143.43% | 15206 | 99.80%  |
| 15212 | 119.52% | 15214 | 143.43% | 15204 | 100.80% |
| 15213 | 119.52% | 15216 | 143.43% | 15210 | 100.90% |
| 15221 | 119.52% | 15206 | 143.43% | 15220 | 101.35% |
| 15206 | 119.52% | 15204 | 143.43% | 15210 | 101.70% |
| 15204 | 119.52% | 15234 | 143.43% | 15232 | 102.13% |
| 15211 | 119.52% | 15207 | 143.43% | 15213 | 102.13% |
| 15219 | 119.52% | 15219 | 143.43% | 15217 | 102.13% |
| 15224 | 119.60% | 15206 | 143.43% | 15214 | 102.13% |
| 15226 | 120.11% | 15210 | 143.59% | 15214 | 102.20% |
| 15205 | 120.23% | 15212 | 143.84% | 15226 | 102.75% |

|       |         |       |         |       |         |
|-------|---------|-------|---------|-------|---------|
| 15206 | 120.84% | 15206 | 143.98% | 15233 | 102.85% |
| 15214 | 120.84% | 15217 | 143.98% | 15219 | 102.90% |
| 15206 | 120.84% | 15212 | 144.25% | 15210 | 102.98% |
| 15201 | 121.27% | 15226 | 146.06% | 15209 | 103.43% |
| 15201 | 121.35% | 15212 | 146.15% | 15206 | 103.59% |
| 15214 | 121.59% | 15212 | 146.37% | 15212 | 103.82% |
| 15207 | 121.83% | 15204 | 146.63% | 15221 | 103.94% |
| 15214 | 122.47% | 15209 | 146.77% | 15212 | 104.28% |
| 15220 | 122.47% | 15207 | 146.77% | 15204 | 104.38% |
| 15212 | 122.71% | 15217 | 146.77% | 15214 | 104.43% |
| 15214 | 122.88% | 15211 | 146.77% | 15206 | 104.51% |
| 15226 | 122.91% | 15224 | 146.77% | 15219 | 104.51% |
| 15205 | 123.08% | 15213 | 146.77% | 15226 | 104.66% |
| 15207 | 123.08% | 15212 | 147.42% | 15216 | 104.66% |
| 15216 | 123.08% | 15210 | 147.48% | 15205 | 104.70% |
| 15206 | 123.11% | 15212 | 147.62% | 15206 | 105.06% |
| 15235 | 123.19% | 15220 | 147.62% | 15206 | 105.18% |
| 15219 | 123.29% | 15217 | 148.72% | 15206 | 105.36% |
| 15214 | 123.29% | 15207 | 149.48% | 15210 | 105.41% |
| 15120 | 123.29% | 15216 | 149.59% | 15203 | 105.50% |
| 15208 | 123.29% | 15211 | 149.70% | 15201 | 105.65% |
| 15226 | 123.61% | 15206 | 149.72% | 15212 | 105.68% |
| 15216 | 124.28% | 15201 | 149.78% | 15214 | 105.68% |
| 15220 | 124.54% | 15234 | 149.82% | 15211 | 105.74% |
| 15210 | 124.66% | 15120 | 149.88% | 15207 | 105.82% |
| 15220 | 125.10% | 15224 | 150.29% | 15210 | 106.21% |
| 15226 | 125.87% | 15214 | 151.05% | 15210 | 106.26% |
| 15210 | 125.90% | 15212 | 151.39% | 15217 | 106.37% |
| 15207 | 126.41% | 15221 | 151.39% | 15218 | 106.45% |
| 15214 | 126.69% | 15214 | 151.39% | 15212 | 106.58% |
| 15218 | 126.81% | 15227 | 151.39% | 15201 | 106.66% |
| 15212 | 126.81% | 15213 | 152.46% | 15205 | 106.89% |
| 15212 | 127.34% | 15226 | 152.64% | 15214 | 107.01% |
| 15208 | 127.49% | 15210 | 152.64% | 15213 | 107.35% |
| 15224 | 127.49% | 15219 | 152.64% | 15219 | 107.35% |
| 15203 | 127.49% | 15208 | 152.64% | 15204 | 107.35% |
| 15212 | 127.49% | 15219 | 152.99% | 15217 | 107.35% |
| 15206 | 127.49% | 15214 | 153.55% | 15216 | 107.41% |
| 15206 | 127.81% | 15211 | 154.40% | 15206 | 107.57% |
| 15212 | 127.94% | 15204 | 155.23% | 15210 | 107.80% |
| 15201 | 128.45% | 15220 | 155.38% | 15212 | 107.84% |
| 15214 | 129.08% | 15217 | 155.38% | 15210 | 108.07% |
| 15207 | 129.12% | 15219 | 156.16% | 15219 | 108.07% |
| 15214 | 129.16% | 15226 | 156.54% | 15217 | 108.07% |

|       |         |       |         |       |         |
|-------|---------|-------|---------|-------|---------|
| 15214 | 129.16% | 15219 | 156.75% | 15220 | 108.24% |
| 15206 | 129.16% | 15212 | 158.00% | 15208 | 108.24% |
| 15220 | 129.16% | 15233 | 159.20% | 15211 | 108.26% |
| 15203 | 129.16% | 15210 | 159.36% | 15210 | 108.29% |
| 15226 | 129.16% | 15206 | 159.36% | 15210 | 108.29% |
| 15217 | 129.39% | 15212 | 159.36% | 15214 | 108.45% |
| 15214 | 129.48% | 15210 | 159.36% | 15212 | 108.59% |
| 15227 | 129.48% | 15201 | 159.36% | 15219 | 108.65% |
| 15212 | 130.13% | 15224 | 159.36% | 15210 | 108.71% |
| 15214 | 130.13% | 15211 | 159.36% | 15226 | 109.50% |
| 15214 | 130.20% | 15210 | 159.36% | 15221 | 110.43% |
| 15226 | 130.58% | 15214 | 159.36% | 15207 | 111.18% |
| 15210 | 130.77% | 15233 | 159.36% | 15212 | 111.26% |
| 15210 | 131.00% | 15214 | 159.36% | 15212 | 111.37% |
| 15205 | 131.22% | 15207 | 159.36% | 15207 | 111.53% |
| 15210 | 131.22% | 15227 | 160.10% | 15212 | 111.54% |
| 15120 | 131.22% | 15204 | 161.54% | 15220 | 111.54% |
| 15201 | 131.25% | 15214 | 161.59% | 15212 | 111.54% |
| 15214 | 131.47% | 15207 | 162.09% | 15206 | 111.55% |
| 15220 | 131.62% | 15203 | 162.66% | 15219 | 111.57% |
| 15207 | 132.09% | 15206 | 162.66% | 15205 | 111.98% |
| 15212 | 132.35% | 15214 | 162.66% | 15210 | 111.98% |
| 15203 | 132.83% | 15214 | 162.66% | 15201 | 112.49% |
| 15205 | 132.91% | 15206 | 162.87% | 15214 | 112.57% |
| 15210 | 133.12% | 15212 | 164.02% | 15210 | 112.57% |
| 15213 | 133.31% | 15206 | 164.38% | 15214 | 112.57% |
| 15210 | 133.55% | 15233 | 164.38% | 15214 | 112.57% |
| 15203 | 133.94% | 15204 | 164.38% | 15219 | 112.57% |
| 15212 | 134.18% | 15212 | 164.38% | 15204 | 112.57% |
| 15219 | 134.27% | 15226 | 167.31% | 15214 | 112.72% |
| 15221 | 134.62% | 15224 | 167.32% | 15208 | 112.87% |
| 15207 | 134.66% | 15212 | 167.32% | 15212 | 112.95% |
| 15210 | 134.78% | 15219 | 167.33% | 15206 | 113.05% |
| 15210 | 134.98% | 15220 | 168.05% | 15210 | 113.48% |
| 15203 | 135.03% | 15212 | 173.08% | 15213 | 113.48% |
| 15210 | 135.03% | 15233 | 173.08% | 15212 | 113.48% |
| 15206 | 135.03% | 15212 | 173.90% | 15211 | 113.48% |
| 15208 | 135.03% | 15206 | 174.28% | 15210 | 113.48% |
| 15214 | 135.03% | 15210 | 174.75% | 15220 | 113.48% |
| 15224 | 135.03% | 15217 | 175.30% | 15207 | 113.48% |
| 15206 | 135.38% | 15206 | 175.30% | 15214 | 113.48% |
| 15208 | 135.46% | 15212 | 175.30% | 15209 | 113.48% |
| 15220 | 135.46% | 15210 | 175.30% | 15210 | 113.48% |
| 15217 | 135.46% | 15212 | 175.30% | 15212 | 113.48% |

|       |         |       |         |       |         |
|-------|---------|-------|---------|-------|---------|
| 15226 | 135.46% | 15206 | 175.30% | 15220 | 113.87% |
| 15212 | 135.46% | 15214 | 175.38% | 15207 | 113.87% |
| 15212 | 135.62% | 15204 | 176.13% | 15212 | 114.07% |
| 15213 | 136.11% | 15206 | 176.13% | 15212 | 114.10% |
| 15224 | 138.08% | 15220 | 176.13% | 15233 | 114.25% |
| 15212 | 138.25% | 15212 | 176.13% | 15207 | 114.33% |
| 15212 | 138.79% | 15216 | 176.13% | 15233 | 114.50% |
| 15226 | 139.24% | 15212 | 176.13% | 15214 | 114.82% |
| 15214 | 139.43% | 15204 | 176.14% | 15206 | 115.02% |
| 15203 | 139.43% | 15106 | 176.18% | 15213 | 115.02% |
| 15221 | 139.43% | 15211 | 177.37% | 15224 | 115.02% |
| 15210 | 139.43% | 15212 | 180.09% | 15206 | 115.06% |
| 15208 | 139.43% | 15208 | 181.00% | 15206 | 115.07% |
| 15216 | 139.43% | 15224 | 181.12% | 15210 | 115.12% |
| 15216 | 139.43% | 15206 | 183.17% | 15210 | 115.38% |
| 15224 | 139.44% | 15206 | 183.27% | 15226 | 115.38% |
| 15214 | 139.84% | 15201 | 183.27% | 15206 | 115.38% |
| 15204 | 140.00% | 15210 | 183.27% | 15213 | 115.38% |
| 15204 | 140.31% | 15211 | 183.27% | 15212 | 115.38% |
| 15212 | 140.38% | 15212 | 183.35% | 15206 | 115.54% |
| 15219 | 140.50% | 15206 | 183.49% | 15226 | 115.78% |
| 15106 | 140.90% | 15201 | 185.90% | 15212 | 115.86% |
| 15209 | 140.90% | 15212 | 185.90% | 15224 | 115.86% |
| 15219 | 140.90% | 15206 | 185.90% | 15217 | 116.19% |
| 15206 | 140.90% | 15210 | 185.90% | 15210 | 116.19% |
| 15210 | 140.96% | 15217 | 185.90% | 15210 | 116.19% |
| 15208 | 141.06% | 15211 | 185.90% | 15208 | 116.19% |
| 15217 | 141.78% | 15214 | 185.90% | 15204 | 116.25% |
| 15212 | 142.12% | 15216 | 186.34% | 15226 | 116.27% |
| 15217 | 142.99% | 15219 | 187.87% | 15226 | 116.63% |
| 15209 | 143.43% | 15201 | 187.87% | 15204 | 117.07% |
| 15217 | 143.43% | 15212 | 187.87% | 15219 | 117.07% |
| 15201 | 143.43% | 15212 | 187.87% | 15227 | 117.09% |
| 15221 | 143.43% | 15208 | 187.87% | 15217 | 117.36% |
| 15216 | 144.03% | 15205 | 187.87% | 15212 | 117.42% |
| 15212 | 144.07% | 15213 | 187.87% | 15207 | 117.42% |
| 15204 | 144.23% | 15217 | 187.89% | 15203 | 117.42% |
| 15204 | 144.52% | 15220 | 188.29% | 15214 | 117.55% |
| 15201 | 145.85% | 15226 | 189.18% | 15207 | 117.55% |
| 15212 | 146.77% | 15217 | 190.55% | 15233 | 117.78% |
| 15212 | 146.77% | 15224 | 191.24% | 15218 | 117.93% |
| 15221 | 146.77% | 15221 | 191.24% | 15210 | 117.97% |
| 15210 | 146.77% | 15212 | 191.24% | 15210 | 118.03% |
| 15219 | 147.41% | 15208 | 191.24% | 15210 | 118.18% |

|       |         |       |         |       |         |
|-------|---------|-------|---------|-------|---------|
| 15213 | 147.41% | 15217 | 192.83% | 15214 | 118.30% |
| 15212 | 147.73% | 15205 | 194.90% | 15210 | 118.53% |
| 15214 | 148.44% | 15214 | 198.41% | 15210 | 118.77% |
| 15209 | 148.54% | 15203 | 199.20% | 15219 | 119.15% |
| 15212 | 148.72% | 15227 | 199.20% | 15120 | 119.15% |
| 15221 | 148.72% | 15226 | 199.20% | 15219 | 119.15% |
| 15207 | 149.40% | 15210 | 199.20% | 15214 | 119.52% |
| 15226 | 149.40% | 15203 | 199.20% | 15212 | 119.52% |
| 15214 | 150.00% | 15201 | 199.20% | 15210 | 119.52% |
| 15204 | 150.28% | 15207 | 199.20% | 15203 | 119.52% |
| 15206 | 151.08% | 15203 | 199.61% | 15208 | 119.52% |
| 15227 | 151.35% | 15210 | 199.84% | 15210 | 119.62% |
| 15219 | 151.39% | 15217 | 199.85% | 15212 | 119.77% |
| 15226 | 151.39% |       |         | 15219 | 119.85% |
| 15206 | 151.39% |       |         | 15210 | 119.96% |
| 15224 | 151.65% |       |         | 15201 | 120.55% |
| 15210 | 152.58% |       |         | 15208 | 121.07% |
| 15212 | 152.59% |       |         | 15206 | 121.12% |
| 15206 | 152.64% |       |         | 15219 | 121.15% |
| 15216 | 153.85% |       |         | 15204 | 121.58% |
| 15233 | 153.85% |       |         | 15204 | 121.58% |
| 15219 | 153.85% |       |         | 15212 | 121.87% |
| 15201 | 153.85% |       |         | 15210 | 122.39% |
| 15212 | 154.80% |       |         | 15214 | 122.48% |
| 15214 | 154.87% |       |         | 15201 | 122.68% |
| 15210 | 156.11% |       |         | 15214 | 122.68% |
| 15211 | 157.29% |       |         | 15205 | 122.68% |
| 15212 | 157.37% |       |         | 15212 | 122.68% |
| 15212 | 157.69% |       |         | 15206 | 122.68% |
| 15214 | 158.02% |       |         | 15206 | 122.68% |
| 15221 | 158.02% |       |         | 15233 | 122.89% |
| 15201 | 158.09% |       |         | 15210 | 123.11% |
| 15207 | 158.51% |       |         | 15207 | 123.19% |
| 15212 | 159.36% |       |         | 15204 | 123.29% |
| 15206 | 159.36% |       |         | 15203 | 123.35% |
| 15211 | 159.36% |       |         | 15120 | 123.43% |
| 15216 | 159.36% |       |         | 15212 | 123.47% |
| 15207 | 159.36% |       |         | 15204 | 123.98% |
| 15207 | 159.36% |       |         | 15219 | 124.22% |
| 15210 | 159.36% |       |         | 15212 | 124.40% |
| 15203 | 159.36% |       |         | 15211 | 124.40% |
| 15217 | 159.36% |       |         | 15216 | 124.74% |
| 15205 | 161.04% |       |         | 15208 | 124.75% |
| 15210 | 161.54% |       |         | 15204 | 124.82% |

|  |       |         |  |       |         |
|--|-------|---------|--|-------|---------|
|  | 15219 | 162.66% |  | 15217 | 124.82% |
|  | 15206 | 162.66% |  | 15208 | 125.74% |
|  | 15220 | 162.66% |  | 15211 | 125.90% |
|  | 15221 | 162.66% |  | 15210 | 125.96% |
|  | 15224 | 162.66% |  | 15204 | 126.08% |
|  | 15201 | 162.67% |  | 15220 | 126.62% |
|  | 15211 | 164.02% |  | 15212 | 126.85% |
|  | 15226 | 164.23% |  | 15204 | 127.09% |
|  | 15210 | 164.38% |  | 15206 | 127.17% |
|  | 15226 | 164.38% |  | 15203 | 127.28% |
|  | 15217 | 164.38% |  | 15213 | 127.41% |
|  | 15224 | 164.38% |  | 15206 | 127.49% |
|  | 15201 | 164.54% |  | 15209 | 127.49% |
|  | 15201 | 165.03% |  | 15226 | 127.49% |
|  | 15226 | 165.10% |  | 15206 | 127.49% |
|  | 15214 | 165.74% |  | 15206 | 127.49% |
|  | 15212 | 167.31% |  | 15212 | 127.49% |
|  | 15212 | 167.33% |  | 15206 | 127.49% |
|  | 15219 | 167.33% |  | 15212 | 127.52% |
|  | 15210 | 167.33% |  | 15212 | 127.82% |
|  | 15216 | 167.33% |  | 15234 | 127.83% |
|  | 15219 | 167.33% |  | 15212 | 127.93% |
|  | 15217 | 168.05% |  | 15204 | 128.19% |
|  | 15208 | 169.16% |  | 15207 | 128.29% |
|  | 15210 | 169.23% |  | 15219 | 129.16% |
|  | 15217 | 170.17% |  | 15226 | 129.51% |
|  | 15206 | 170.25% |  | 15211 | 129.56% |
|  | 15216 | 170.59% |  | 15210 | 129.68% |
|  | 15206 | 171.00% |  | 15206 | 129.76% |
|  | 15211 | 171.19% |  | 15207 | 130.35% |
|  | 15205 | 173.08% |  | 15203 | 130.35% |
|  | 15212 | 173.19% |  | 15232 | 130.35% |
|  | 15212 | 173.87% |  | 15216 | 130.35% |
|  | 15219 | 174.34% |  | 15212 | 130.35% |
|  | 15208 | 175.30% |  | 15207 | 130.64% |
|  | 15207 | 175.30% |  | 15207 | 130.68% |
|  | 15212 | 175.48% |  | 15211 | 130.97% |
|  | 15206 | 176.02% |  | 15210 | 131.19% |
|  | 15206 | 176.10% |  | 15214 | 131.22% |
|  | 15204 | 176.13% |  | 15206 | 132.58% |
|  | 15219 | 176.13% |  | 15219 | 132.77% |
|  | 15210 | 176.13% |  | 15211 | 132.78% |
|  | 15209 | 176.13% |  | 15214 | 132.96% |
|  | 15201 | 176.13% |  | 15214 | 133.13% |

|  |       |         |  |       |         |
|--|-------|---------|--|-------|---------|
|  | 15217 | 176.13% |  | 15208 | 133.34% |
|  | 15203 | 176.13% |  | 15234 | 133.45% |
|  | 15226 | 176.13% |  | 15204 | 133.65% |
|  | 15206 | 176.13% |  | 15220 | 133.74% |
|  | 15206 | 176.13% |  | 15204 | 134.19% |
|  | 15212 | 176.61% |  | 15224 | 134.19% |
|  | 15206 | 176.61% |  | 15217 | 134.25% |
|  | 15201 | 177.29% |  | 15212 | 134.37% |
|  | 15206 | 178.00% |  | 15212 | 134.56% |
|  | 15204 | 178.47% |  | 15206 | 134.64% |
|  | 15210 | 178.49% |  | 15214 | 134.68% |
|  | 15212 | 180.14% |  | 15212 | 134.95% |
|  | 15217 | 181.75% |  | 15206 | 135.03% |
|  | 15206 | 182.00% |  | 15217 | 135.03% |
|  | 15217 | 182.51% |  | 15212 | 135.03% |
|  | 15208 | 183.27% |  | 15211 | 135.03% |
|  | 15217 | 183.65% |  | 15204 | 135.08% |
|  | 15120 | 184.73% |  | 15208 | 135.08% |
|  | 15201 | 185.42% |  | 15212 | 135.08% |
|  | 15106 | 185.52% |  | 15206 | 135.08% |
|  | 15217 | 185.74% |  | 15204 | 135.38% |
|  | 15214 | 185.90% |  | 15212 | 135.46% |
|  | 15224 | 185.90% |  | 15227 | 135.46% |
|  | 15227 | 185.90% |  | 15204 | 135.46% |
|  | 15207 | 185.90% |  | 15220 | 135.46% |
|  | 15224 | 185.90% |  | 15209 | 135.46% |
|  | 15210 | 187.69% |  | 15212 | 135.46% |
|  | 15214 | 187.87% |  | 15226 | 135.46% |
|  | 15227 | 187.87% |  | 15210 | 135.52% |
|  | 15212 | 187.87% |  | 15220 | 135.52% |
|  | 15210 | 188.45% |  | 15211 | 135.78% |
|  | 15216 | 188.75% |  | 15203 | 136.49% |
|  | 15219 | 188.92% |  | 15214 | 137.33% |
|  | 15207 | 190.10% |  | 15214 | 137.33% |
|  | 15210 | 190.55% |  | 15206 | 137.34% |
|  | 15206 | 191.24% |  | 15219 | 137.65% |
|  | 15212 | 191.24% |  | 15212 | 138.02% |
|  | 15203 | 191.24% |  | 15210 | 138.02% |
|  | 15207 | 191.24% |  | 15201 | 138.43% |
|  | 15226 | 192.13% |  | 15216 | 138.46% |
|  | 15206 | 192.31% |  | 15204 | 138.49% |
|  | 15224 | 192.31% |  | 15214 | 138.61% |
|  | 15206 | 192.31% |  | 15234 | 138.90% |
|  | 15233 | 192.43% |  | 15212 | 139.32% |

|  |       |         |  |       |         |
|--|-------|---------|--|-------|---------|
|  | 15210 | 192.56% |  | 15220 | 139.37% |
|  | 15206 | 192.67% |  | 15216 | 139.43% |
|  | 15206 | 193.39% |  | 15221 | 139.44% |
|  | 15212 | 193.71% |  | 15210 | 140.09% |
|  | 15211 | 193.74% |  | 15210 | 140.09% |
|  | 15210 | 194.91% |  | 15220 | 140.55% |
|  | 15227 | 195.20% |  | 15233 | 140.90% |
|  | 15226 | 195.20% |  | 15211 | 140.90% |
|  | 15226 | 197.26% |  | 15210 | 140.90% |
|  | 15208 | 198.08% |  | 15220 | 140.90% |
|  | 15226 | 198.82% |  | 15212 | 141.78% |
|  | 15207 | 199.20% |  | 15212 | 141.84% |
|  | 15206 | 199.20% |  | 15233 | 141.84% |
|  | 15206 | 199.20% |  | 15224 | 142.23% |
|  | 15226 | 199.20% |  | 15216 | 142.39% |
|  | 15212 | 199.20% |  | 15211 | 142.54% |
|  | 15204 | 199.38% |  | 15201 | 143.23% |
|  | 15212 | 199.61% |  | 15226 | 143.43% |
|  |       |         |  | 15209 | 143.43% |
|  |       |         |  | 15206 | 143.43% |
|  |       |         |  | 15207 | 143.55% |
|  |       |         |  | 15227 | 143.90% |
|  |       |         |  | 15210 | 144.07% |
|  |       |         |  | 15217 | 144.09% |
|  |       |         |  | 15219 | 144.09% |
|  |       |         |  | 15212 | 145.69% |
|  |       |         |  | 15220 | 145.69% |
|  |       |         |  | 15219 | 145.69% |
|  |       |         |  | 15213 | 146.15% |
|  |       |         |  | 15214 | 146.17% |
|  |       |         |  | 15201 | 147.52% |
|  |       |         |  | 15226 | 147.53% |
|  |       |         |  | 15206 | 147.68% |
|  |       |         |  | 15214 | 147.76% |
|  |       |         |  | 15207 | 147.99% |
|  |       |         |  | 15226 | 148.00% |
|  |       |         |  | 15208 | 148.53% |
|  |       |         |  | 15213 | 148.53% |
|  |       |         |  | 15208 | 148.92% |
|  |       |         |  | 15226 | 149.11% |
|  |       |         |  | 15216 | 149.30% |
|  |       |         |  | 15206 | 149.30% |
|  |       |         |  | 15201 | 149.30% |
|  |       |         |  | 15220 | 149.30% |

|  |  |  |       |         |
|--|--|--|-------|---------|
|  |  |  | 15220 | 150.07% |
|  |  |  | 15212 | 150.76% |
|  |  |  | 15212 | 151.26% |
|  |  |  | 15217 | 151.39% |
|  |  |  | 15212 | 151.64% |
|  |  |  | 15210 | 152.28% |
|  |  |  | 15201 | 152.44% |
|  |  |  | 15210 | 152.59% |
|  |  |  | 15214 | 152.88% |
|  |  |  | 15227 | 153.19% |
|  |  |  | 15204 | 153.22% |
|  |  |  | 15212 | 153.35% |
|  |  |  | 15208 | 153.35% |
|  |  |  | 15203 | 153.35% |
|  |  |  | 15207 | 153.35% |
|  |  |  | 15206 | 153.36% |
|  |  |  | 15210 | 153.36% |
|  |  |  | 15224 | 153.36% |
|  |  |  | 15221 | 153.36% |
|  |  |  | 15233 | 153.36% |
|  |  |  | 15210 | 153.36% |
|  |  |  | 15224 | 153.49% |
|  |  |  | 15210 | 153.85% |
|  |  |  | 15203 | 154.42% |
|  |  |  | 15204 | 154.46% |
|  |  |  | 15227 | 154.58% |
|  |  |  | 15207 | 155.22% |
|  |  |  | 15210 | 155.35% |
|  |  |  | 15212 | 155.37% |
|  |  |  | 15204 | 156.16% |
|  |  |  | 15204 | 156.52% |
|  |  |  | 15214 | 156.61% |
|  |  |  | 15206 | 157.29% |
|  |  |  | 15212 | 157.51% |
|  |  |  | 15206 | 157.60% |
|  |  |  | 15214 | 157.60% |
|  |  |  | 15207 | 157.84% |
|  |  |  | 15212 | 158.01% |
|  |  |  | 15212 | 158.47% |
|  |  |  | 15213 | 158.51% |
|  |  |  | 15207 | 158.87% |
|  |  |  | 15220 | 158.87% |
|  |  |  | 15216 | 158.87% |
|  |  |  | 15234 | 159.04% |

|  |  |  |       |         |
|--|--|--|-------|---------|
|  |  |  | 15206 | 159.26% |
|  |  |  | 15235 | 159.26% |
|  |  |  | 15203 | 159.36% |
|  |  |  | 15204 | 159.36% |
|  |  |  | 15214 | 159.36% |
|  |  |  | 15206 | 159.49% |
|  |  |  | 15210 | 159.69% |
|  |  |  | 15210 | 159.87% |
|  |  |  | 15220 | 161.02% |
|  |  |  | 15221 | 161.54% |
|  |  |  | 15210 | 161.64% |
|  |  |  | 15212 | 162.10% |
|  |  |  | 15224 | 163.32% |
|  |  |  | 15207 | 163.78% |
|  |  |  | 15212 | 164.02% |
|  |  |  | 15204 | 164.86% |
|  |  |  | 15216 | 165.11% |
|  |  |  | 15224 | 165.93% |
|  |  |  | 15201 | 166.06% |
|  |  |  | 15212 | 166.39% |
|  |  |  | 15219 | 167.16% |
|  |  |  | 15212 | 167.33% |
|  |  |  | 15212 | 167.33% |
|  |  |  | 15212 | 167.33% |
|  |  |  | 15206 | 167.85% |
|  |  |  | 15227 | 167.96% |
|  |  |  | 15212 | 168.00% |
|  |  |  | 15219 | 168.69% |
|  |  |  | 15210 | 168.69% |
|  |  |  | 15212 | 168.69% |
|  |  |  | 15201 | 168.69% |
|  |  |  | 15212 | 169.08% |
|  |  |  | 15212 | 169.23% |
|  |  |  | 15214 | 170.21% |
|  |  |  | 15211 | 170.21% |
|  |  |  | 15205 | 170.21% |
|  |  |  | 15212 | 170.21% |
|  |  |  | 15204 | 171.59% |
|  |  |  | 15212 | 171.96% |
|  |  |  | 15210 | 173.08% |
|  |  |  | 15224 | 173.35% |
|  |  |  | 15232 | 173.37% |
|  |  |  | 15214 | 173.39% |
|  |  |  | 15206 | 173.50% |

|  |  |  |       |         |
|--|--|--|-------|---------|
|  |  |  | 15212 | 173.60% |
|  |  |  | 15224 | 175.30% |
|  |  |  | 15233 | 175.51% |
|  |  |  | 15221 | 175.61% |
|  |  |  | 15214 | 175.72% |
|  |  |  | 15217 | 176.13% |
|  |  |  | 15206 | 176.13% |
|  |  |  | 15207 | 176.13% |
|  |  |  | 15226 | 176.13% |
|  |  |  | 15208 | 176.27% |
|  |  |  | 15207 | 176.36% |
|  |  |  | 15207 | 176.36% |
|  |  |  | 15206 | 176.36% |
|  |  |  | 15210 | 176.36% |
|  |  |  | 15216 | 177.31% |
|  |  |  | 15207 | 179.18% |
|  |  |  | 15206 | 180.02% |
|  |  |  | 15204 | 180.11% |
|  |  |  | 15211 | 180.11% |
|  |  |  | 15214 | 181.25% |
|  |  |  | 15204 | 181.25% |
|  |  |  | 15219 | 181.56% |
|  |  |  | 15210 | 181.56% |
|  |  |  | 15210 | 181.56% |
|  |  |  | 15212 | 181.58% |
|  |  |  | 15212 | 181.95% |
|  |  |  | 15217 | 182.88% |
|  |  |  | 15206 | 183.27% |
|  |  |  | 15220 | 183.49% |
|  |  |  | 15207 | 183.71% |
|  |  |  | 15207 | 184.03% |
|  |  |  | 15213 | 185.56% |
|  |  |  | 15218 | 185.90% |
|  |  |  | 15210 | 185.91% |
|  |  |  | 15201 | 186.63% |
|  |  |  | 15216 | 187.23% |
|  |  |  | 15217 | 189.12% |
|  |  |  | 15207 | 190.54% |
|  |  |  | 15219 | 190.55% |
|  |  |  | 15219 | 190.64% |
|  |  |  | 15205 | 191.24% |
|  |  |  | 15218 | 191.69% |
|  |  |  | 15212 | 191.69% |
|  |  |  | 15224 | 191.69% |

|       |         |
|-------|---------|
| 15211 | 191.69% |
| 15210 | 191.69% |
| 15209 | 191.69% |
| 15212 | 191.69% |
| 15212 | 192.51% |
| 15219 | 192.91% |
| 15207 | 193.75% |
| 15210 | 194.67% |
| 15205 | 196.83% |
| 15219 | 197.52% |
| 15204 | 197.93% |
| 15201 | 198.58% |
| 15226 | 198.58% |
| 15226 | 198.58% |
| 15210 | 198.58% |
| 15212 | 198.58% |
| 15206 | 198.58% |
| 15207 | 198.87% |
| 15207 | 199.05% |
| 15216 | 199.67% |
| 15207 | 199.72% |
| 15233 | 199.84% |

|                                                          |               |               |               |
|----------------------------------------------------------|---------------|---------------|---------------|
|                                                          |               |               |               |
| Average usage                                            | 3,230 gallons | 2,949 gallons | 2,570 gallons |
| Average bill including ALCOSAN charges                   | \$124.83      | \$117.40      | \$97.38       |
| Number of PWSA customers receiving a PWSA hardship grant | 325           | 259           | 290           |

## Appendix E – Call Center Metrics and Customer Service Monthly Reports

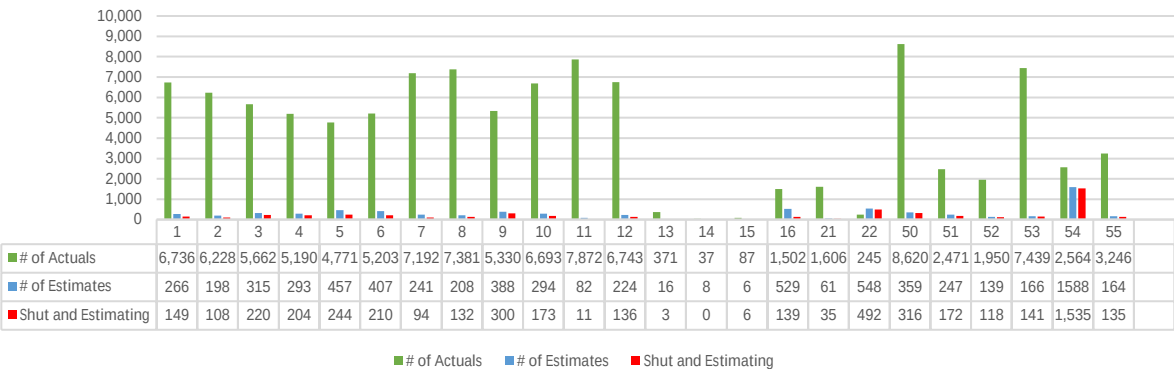
| Metric                                                                 | January 2025        | February 2025       | March 2025        |
|------------------------------------------------------------------------|---------------------|---------------------|-------------------|
| Abandoned Calls (% of total calls)                                     | 2.1%                | 1.4%                | 1.8%              |
| Automatic Call Distributor (ACD) Handling Time (minutes)               | 4:41                | 4:51                | 4:58              |
| Average Speed of Answer (minutes)                                      | 0:33                | 0:25                | 0:29              |
| Customer Service Representative Staffing (FTE – Full Time Equivalents) | 18 FTE's<br>2 PTE's | 18 FTE's<br>2 PTE's | 18 FTE's<br>1 PTE |
| Customer Satisfaction (customer survey)                                | 99.9%               | 99.9%               | 99.9%             |
| Service Level %                                                        | 91.3%               | 96.8%               | 92.5%             |

# CUSTOMER SERVICE MONTHLY REPORT

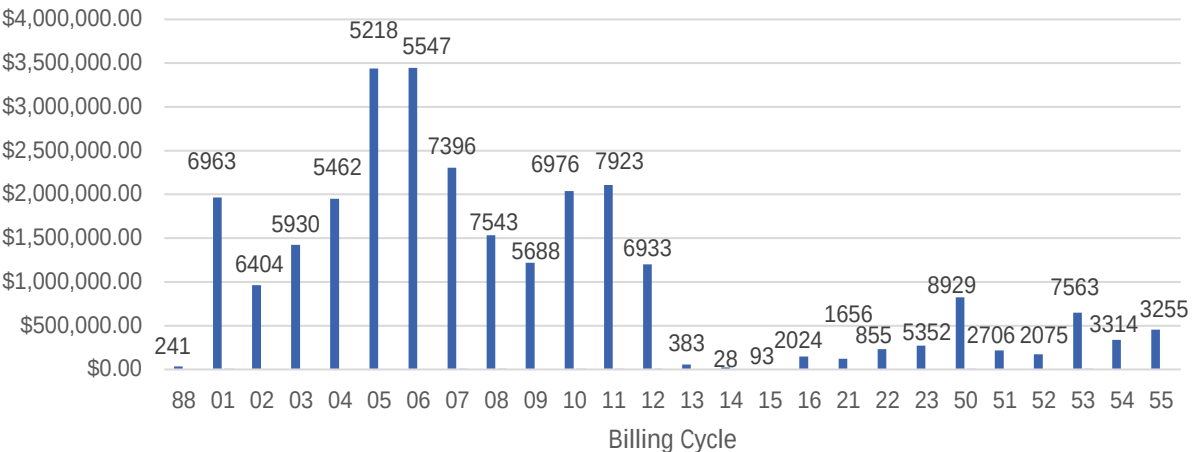
## AMI and BILLING – JANUARY 2025

The Non-Access Campaign continues to address the 1,940 aged actual meter readings and the 2,244 estimated meter readings. Under the PA PUC Compliance Plan, customers are to be notified via letters and posting notices to make appointments for a meter upgrade. Pittsburgh Water successfully upgraded 568 meters in January 2025. Additionally, 139 letters were issued, 323 properties were posted, and no properties were shut for non-access. In January, Pittsburgh Water achieved an actual meter reading rate of 96.55%. Billing also received and processed 299 final bill requests. Billing totals for the month of January 2025 were 116,457 bills produced in the amount of \$26,448,023.88.

### Billed Actual vs. Estimated Readings January 2025



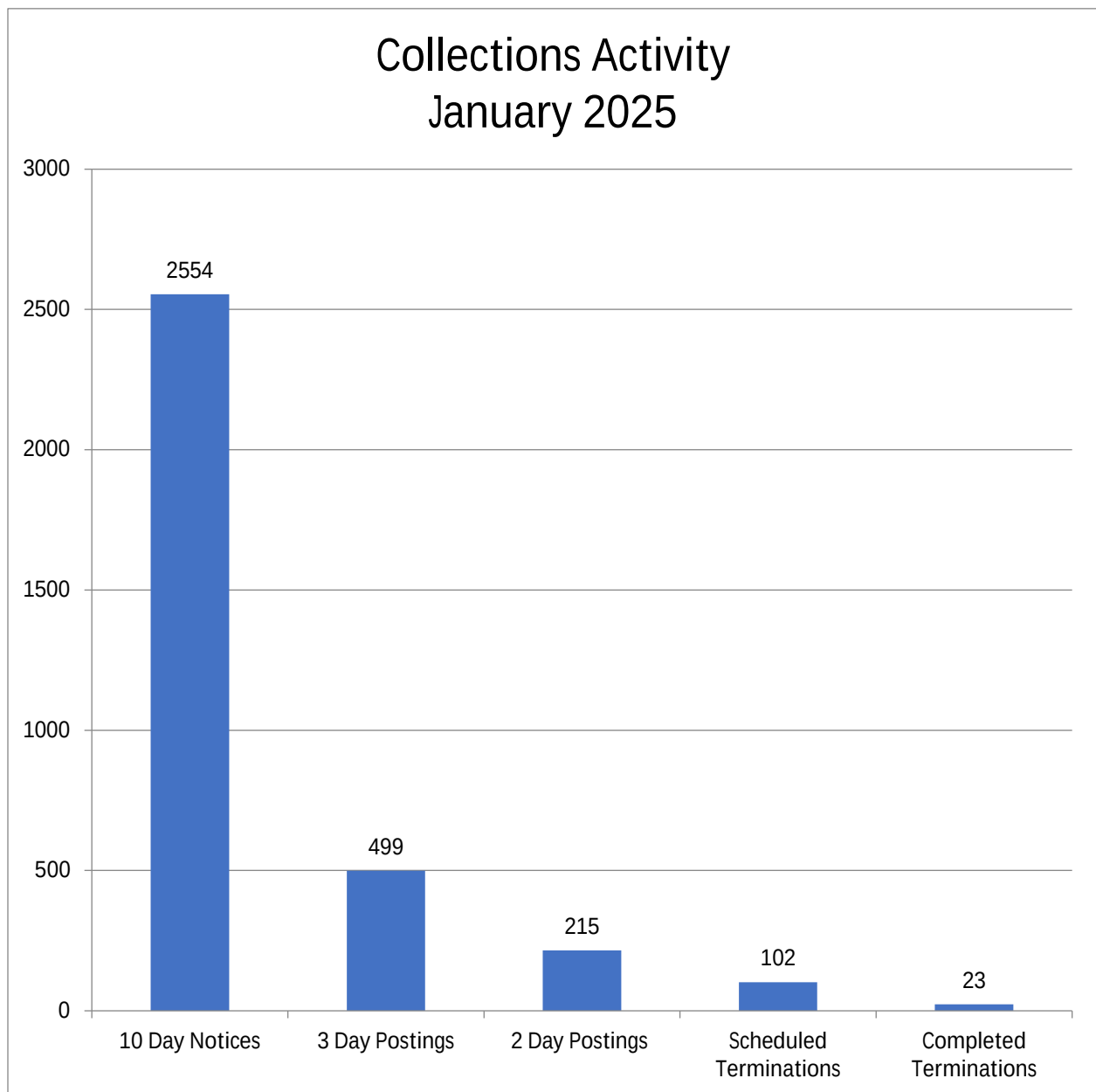
### Billed Amounts in January



# CUSTOMER SERVICE MONTHLY REPORT

## COLLECTIONS – JANUARY 2025

In January 2025, the total Collections were \$25,041,159 which was \$858,013 less than what was billed in December 2024. Out of a total of 2,336 customer inquiries to [info@pgh2o.com](mailto:info@pgh2o.com), Collections personnel responded to 2,336 all within 48 hours. Payment plans for the month of January 2025 totaled 9,062 and there were 8,232 customers enrolled in the Bill Discount Program. The below chart represents activity on both residential and non-residential accounts.

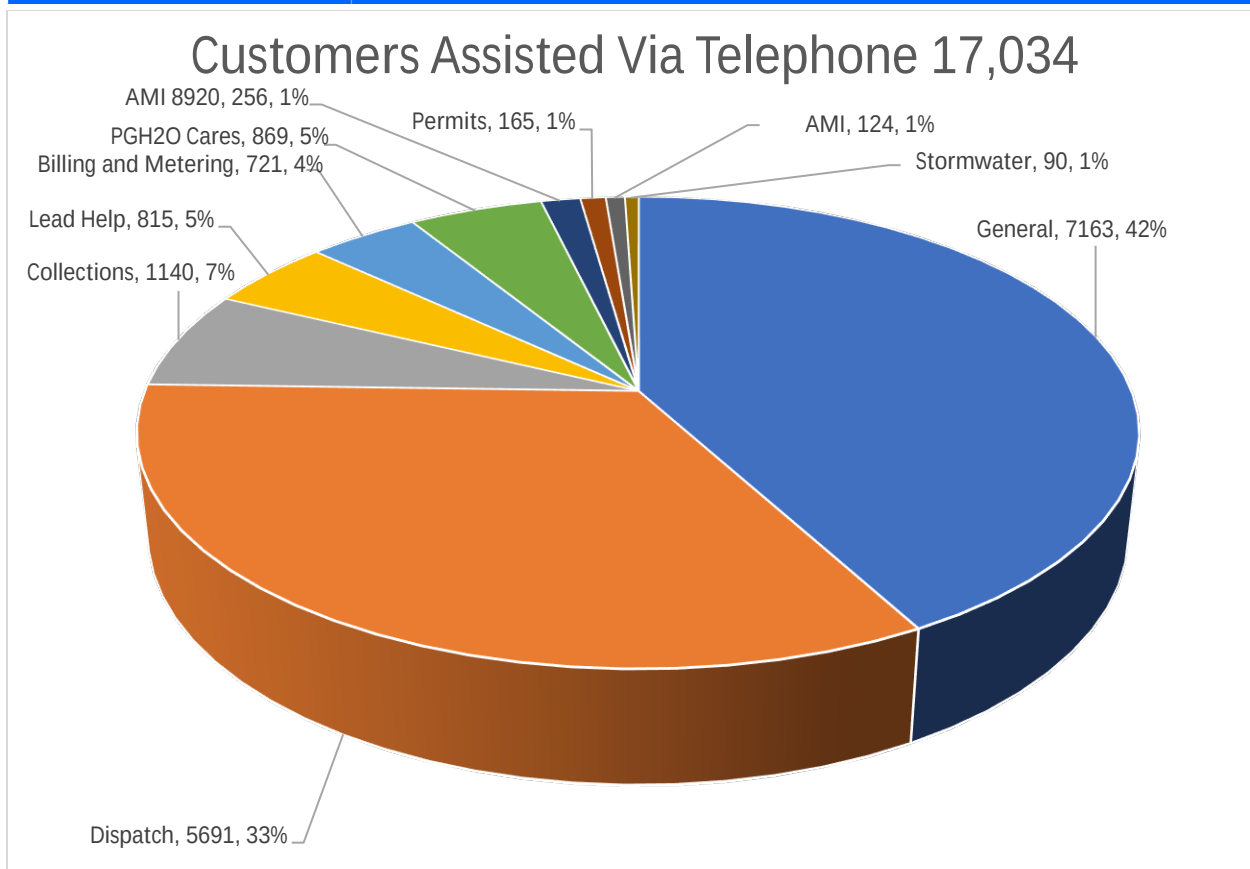


# CUSTOMER SERVICE MONTHLY REPORT

## CONTACT CENTER – JANUARY 2025

There were 21 business days in the month of January 2025. In the month of January, the Contact Center's attendance rate increased to 18 full time employees and 2 part time employees. Of the 17,034 calls handled in the month of January 2025, the Contact Center yielded an abandonment rate of 2.1% with an average speed of answer of 33 seconds. Due to sub-zero temperatures, the Dispatchers handled an additional 1,347 customer calls in the month of January in 2025 as compared to January of 2024.

| Queue Group Performance by Queue              |                      |                   |                   |                                   |                                     |           |                 |          |
|-----------------------------------------------|----------------------|-------------------|-------------------|-----------------------------------|-------------------------------------|-----------|-----------------|----------|
| 1 - All Queues                                |                      |                   |                   |                                   |                                     |           |                 |          |
| 1/1/2025 - 1/31/2025 - 00:00 - 24:00          |                      |                   |                   |                                   |                                     |           |                 |          |
| Created on 2/1/2025 7:04:33 AM by pwsa/TJones |                      |                   |                   |                                   |                                     |           |                 |          |
| ACD queue                                     | ACD queue name       | ACD calls offered | ACD calls handled | Average speed of answer (h:mm:ss) | Average ACD handling time (h:mm:ss) | Abandon % | Service level % | Answer % |
| P001                                          | GENERAL              | 7362              | 7163              | 00:00:43                          | 00:06:18                            | 1.8%      | 87.6%           | 97.3%    |
| P004                                          | DISPATCH             | 5861              | 5691              | 00:00:23                          | 00:02:16                            | 2.9%      | 95.1%           | 97.1%    |
| P002                                          | COLLECTIONS          | 1191              | 1140              | 00:00:59                          | 00:06:36                            | 2.2%      | 81.4%           | 95.7%    |
| P317                                          | PGH2O Cares          | 944               | 869               | 00:00:12                          | 00:04:12                            | 2.1%      | 100.0%          | 92.1%    |
| P318                                          | LEAD HELP            | 897               | 815               | 00:00:10                          | 00:03:43                            | 0.2%      | 100.0%          | 90.9%    |
| P003                                          | BILLING AND METERING | 743               | 721               | 00:00:48                          | 00:06:18                            | 1.6%      | 86.4%           | 97.0%    |
| P006                                          | AMI 8920             | 288               | 256               | 00:00:09                          | 00:05:23                            | 0.7%      | 100.0%          | 88.9%    |
| P008                                          | PERMITS              | 173               | 165               | 00:00:10                          | 00:02:44                            | 0.6%      | 100.0%          | 95.4%    |
| P005                                          | AMI                  | 127               | 124               | 00:00:13                          | 00:03:32                            | 2.4%      | 98.4%           | 97.6%    |
| P009                                          | STORMWATER           | 92                | 90                | 00:00:53                          | 00:06:42                            | 1.1%      | 81.5%           | 97.8%    |
| Totals                                        |                      | 17678             | 17034             | 00:00:33                          | 00:04:41                            | 2.1%      | 91.3%           | 96.4%    |

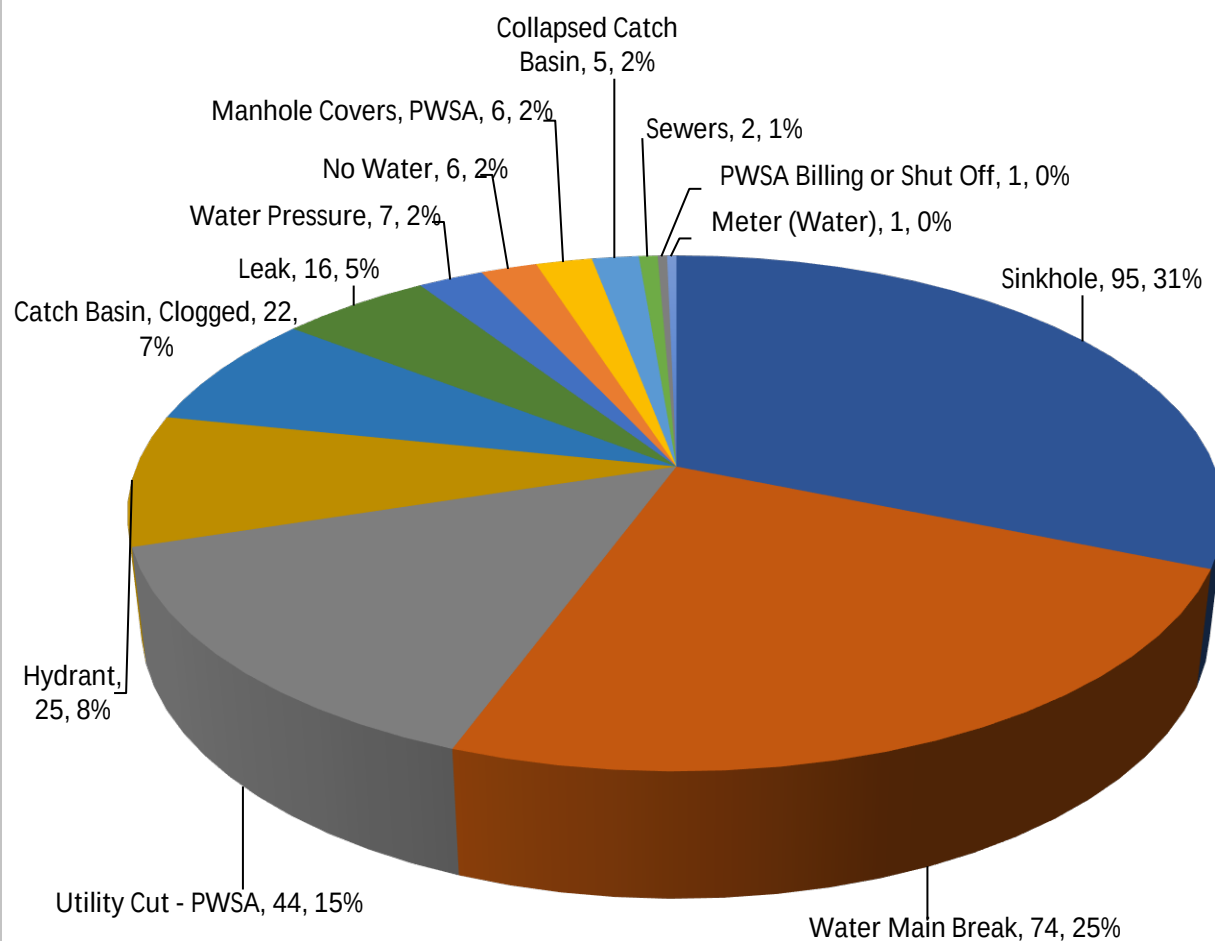


# CUSTOMER SERVICE MONTHLY REPORT

## DISPATCH – JANUARY 2025

Dispatch responded to 5,691 calls for emergency service in January 2025. In this month, the Dispatchers issued 157 Interruptions of Service and facilitated 226 dig requests to Pennsylvania One Call.

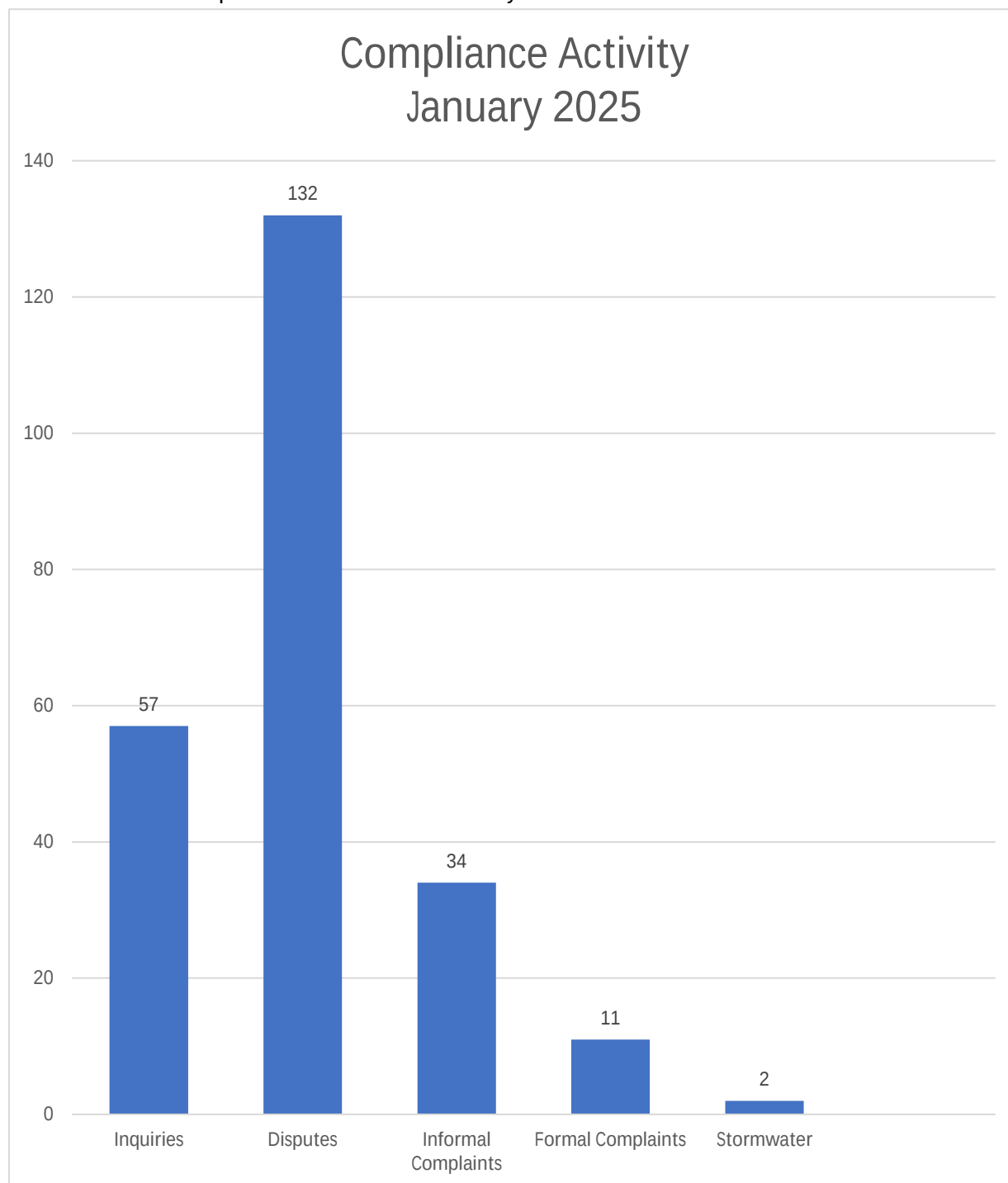
### 311 Mayor's Service Center Complaints Handled January 2025



# CUSTOMER SERVICE MONTHLY REPORT

## PUC COMPLIANCE – JANUARY 2025

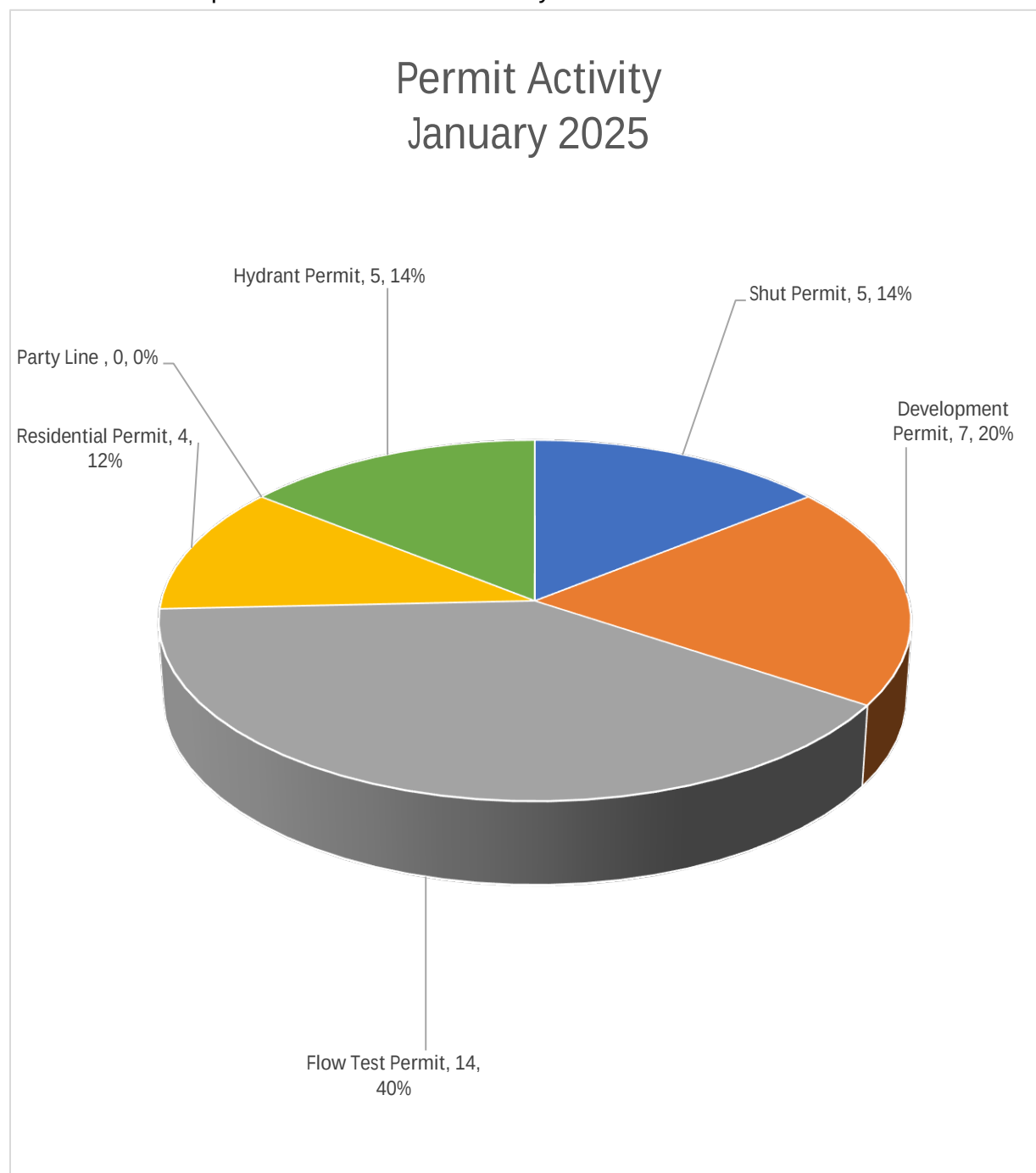
Pittsburgh Water received 57 Inquiries, 132 Disputes, 34 Informal Complaints, 11 Formal Complaints, and 2 Stormwater Inquiries in the month of January 2025.



# CUSTOMER SERVICE MONTHLY REPORT

## PERMITS – JANUARY 2025

In January 2025, staff issued 35 permits as illustrated below. Additionally, Permits personnel processed 499 dye testing certification requests online. Permits staff also assisted 165 customers via telephone in the month of January 2025.

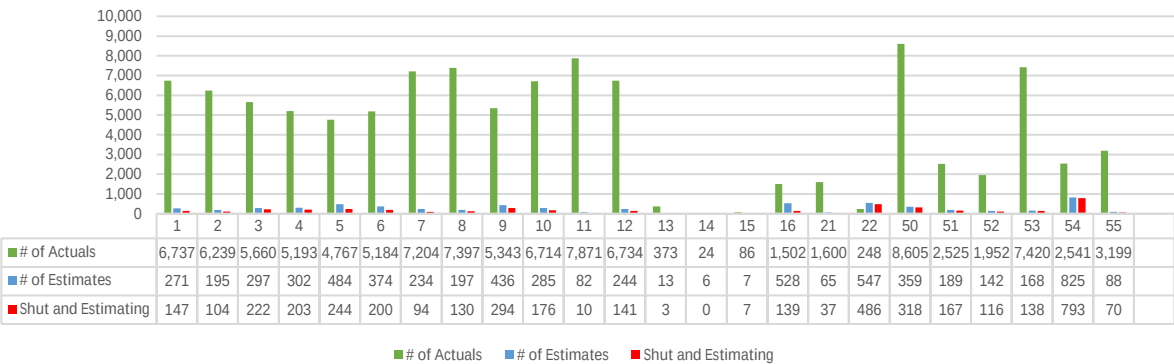


# CUSTOMER SERVICE MONTHLY REPORT

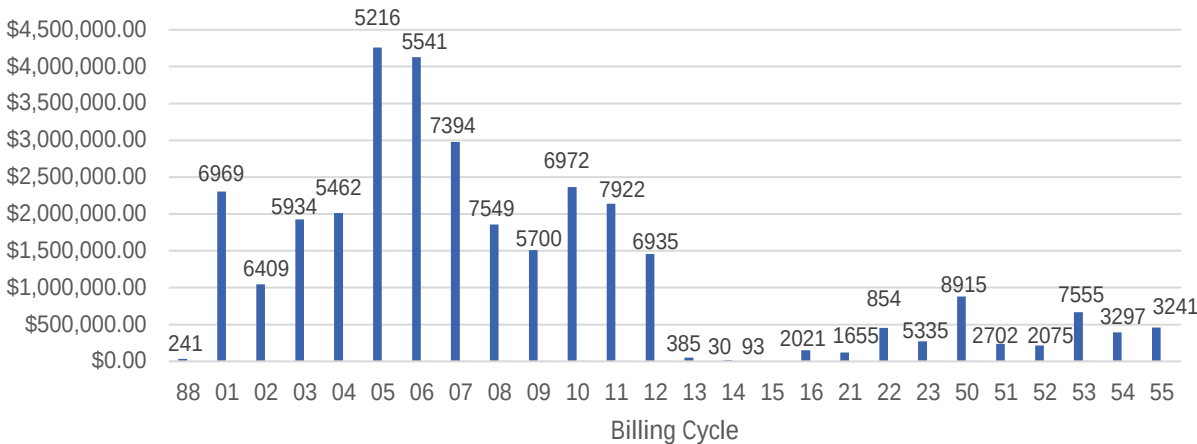
## AMI and BILLING – FEBRUARY 2025

The Non-Access Campaign continues to address the 1,906 aged actual meter readings and the 2,260 estimated meter readings. Under the PA PUC Compliance Plan, customers are to be notified via letters and posting notices to make appointments for a meter upgrade. Pittsburgh Water successfully upgraded 542 meters in February 2025. Additionally, 167 letters were issued, 130 properties were posted, and 5 properties were shut for non-access. In February, Pittsburgh Water achieved an actual meter reading rate of 96.32%. Billing also received and processed 264 final bill requests. Billing totals for the month of February 2025 were 116,402 bills produced in the amount of \$31,247,393.33.

### Billed Actual vs. Estimated Readings February 2025



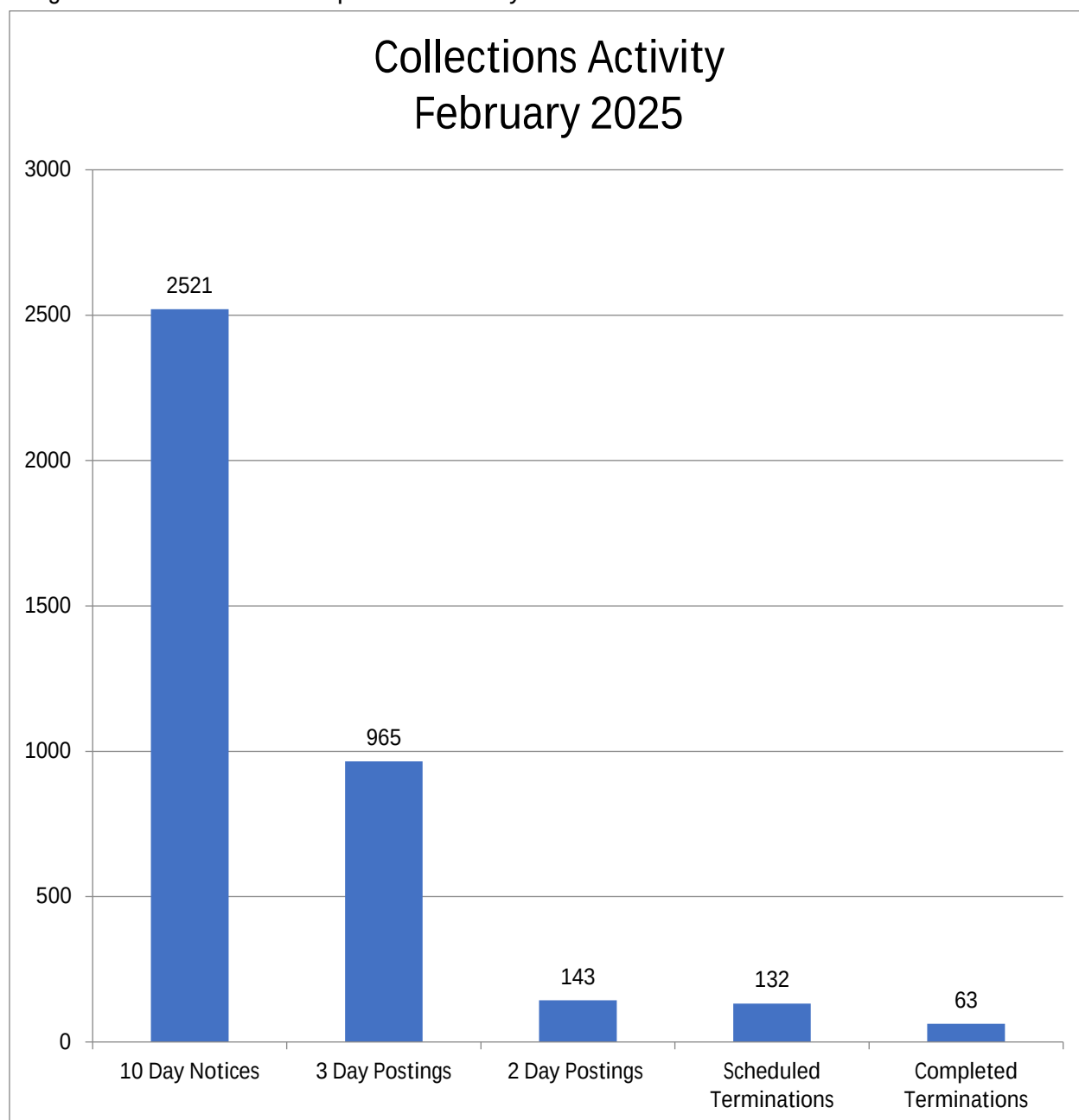
### Billed Amounts in February



# CUSTOMER SERVICE MONTHLY REPORT

## COLLECTIONS – FEBRUARY 2025

In February 2025, the total Collections were \$23,574,134 which was \$1,467,025 less than what was billed in January 2025. Out of a total of 1,920 customer inquiries to [info@pgh2o.com](mailto:info@pgh2o.com), Collections personnel responded to 1,920 all within 48 hours. Payment plans for the month of February 2025 totaled 9,162 and there were 8,305 customers enrolled in the Bill Discount Program. The chart below represents activity on both residential and non-residential accounts.



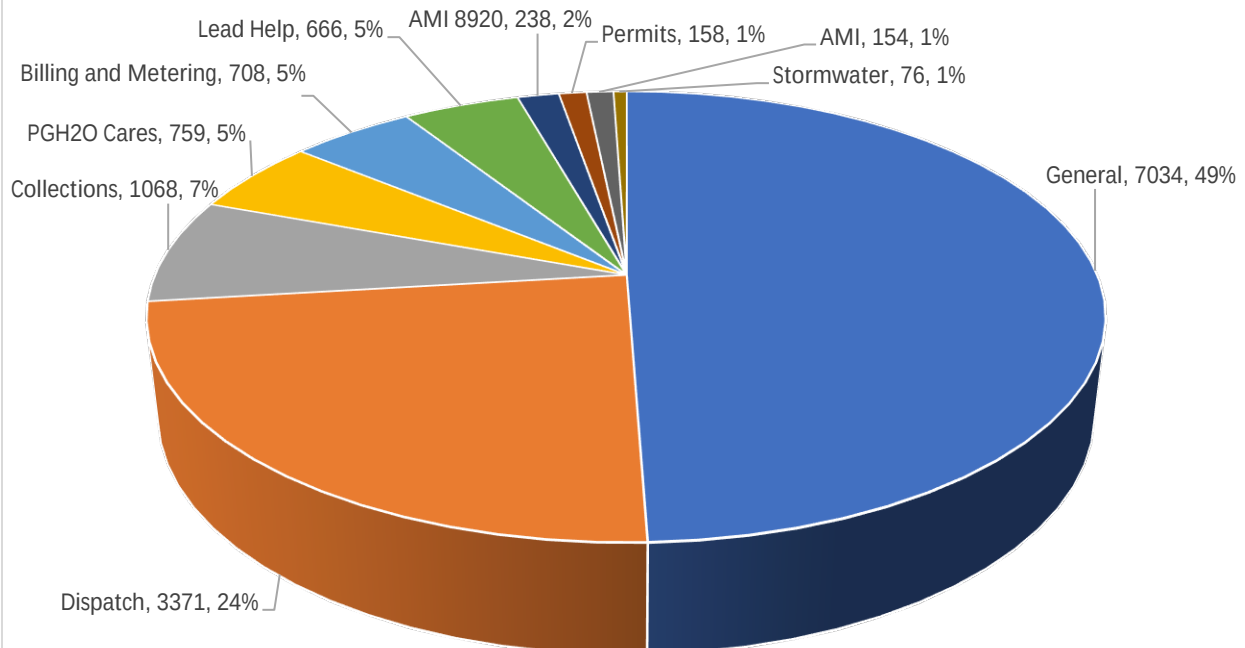
# CUSTOMER SERVICE MONTHLY REPORT

## CONTACT CENTER – FEBRUARY 2025

There were 19 business days in the month of February 2025. In the month of February, the Contact Center's attendance rate reduced to 18 full time employees and 2 part time employees. One full-time employee was promoted to the Lead Help team effective February 24, 2025, and one full-time employee received new hire training in February. Of the 14,232 calls handled in the month of February 2025, the Contact Center yielded an abandonment rate of 1.4% with an average speed of answer of 25 seconds.

| Queue Group Performance by Queue              |                      |                   |                   |                                    |                                     |                                       |                              |                                      |           |                 |          |
|-----------------------------------------------|----------------------|-------------------|-------------------|------------------------------------|-------------------------------------|---------------------------------------|------------------------------|--------------------------------------|-----------|-----------------|----------|
| 1 - All Queues                                |                      |                   |                   |                                    |                                     |                                       |                              |                                      |           |                 |          |
| 2/1/2025 - 2/28/2025 - 00:00 - 24:00          |                      |                   |                   |                                    |                                     |                                       |                              |                                      |           |                 |          |
| Created on 3/1/2025 7:05:01 AM by pwsa\TJones |                      |                   |                   |                                    |                                     |                                       |                              |                                      |           |                 |          |
| ACD queue                                     | ACD queue name       | ACD calls offered | ACD calls handled | Average speed of answer (hh:mm:ss) | Average delay to abandon (hh:mm:ss) | Average delay to interflow (hh:mm:ss) | ACD handling time (hh:mm:ss) | Average ACD handling time (hh:mm:ss) | Abandon % | Service level % | Answer % |
| P001                                          | GENERAL              | 7167              | 7034              | 00:00:32                           | 00:01:23                            | 00:02:27                              | 695:53:34                    | 00:05:56                             | 1.3%      | 91.3%           | 98.1%    |
| P004                                          | DISPATCH             | 3421              | 3371              | 00:00:13                           | 00:00:59                            | 00:00:00                              | 132:21:37                    | 00:02:21                             | 1.5%      | 98.0%           | 98.5%    |
| P002                                          | COLLECTIONS          | 1090              | 1068              | 00:00:36                           | 00:01:38                            | 00:02:37                              | 111:54:03                    | 00:06:17                             | 1.2%      | 89.5%           | 98.0%    |
| P317                                          | PGH2O Cares          | 846               | 759               | 00:00:11                           | 00:00:15                            | 00:00:31                              | 55:56:51                     | 00:04:25                             | 4.3%      | 100.0%          | 89.7%    |
| P003                                          | BILLING AND METERING | 724               | 708               | 00:00:32                           | 00:01:26                            | 00:02:26                              | 65:10:34                     | 00:05:31                             | 1.5%      | 90.7%           | 97.8%    |
| P318                                          | LEAD HELP            | 781               | 666               | 00:00:10                           | 00:00:19                            | 00:00:30                              | 42:20:45                     | 00:03:49                             | 0.1%      | 100.0%          | 85.3%    |
| P006                                          | AMI 8920             | 261               | 238               | 00:00:08                           | 00:00:14                            | 00:00:15                              | 20:09:10                     | 00:05:05                             | 0.4%      | 100.0%          | 91.2%    |
| P008                                          | PERMITS              | 172               | 158               | 00:00:11                           | 00:00:13                            | 00:00:59                              | 06:53:42                     | 00:02:37                             | 1.2%      | 100.0%          | 91.9%    |
| P005                                          | AMI                  | 154               | 154               | 00:00:17                           | 00:00:00                            | 00:00:00                              | 10:31:21                     | 00:04:06                             | 0.0%      | 95.5%           | 100.0%   |
| P009                                          | STORMWATER           | 79                | 76                | 00:00:46                           | 00:01:58                            | 00:02:10                              | 08:29:04                     | 00:06:42                             | 1.3%      | 86.1%           | 96.2%    |
| Totals                                        |                      | 14695             | 14232             | 00:00:25                           | 00:01:05                            | 00:00:57                              | 1149:40:41                   | 00:04:51                             | 1.4%      | 94.0%           | 96.8%    |

### Customers Assisted Via Telephone 14,232

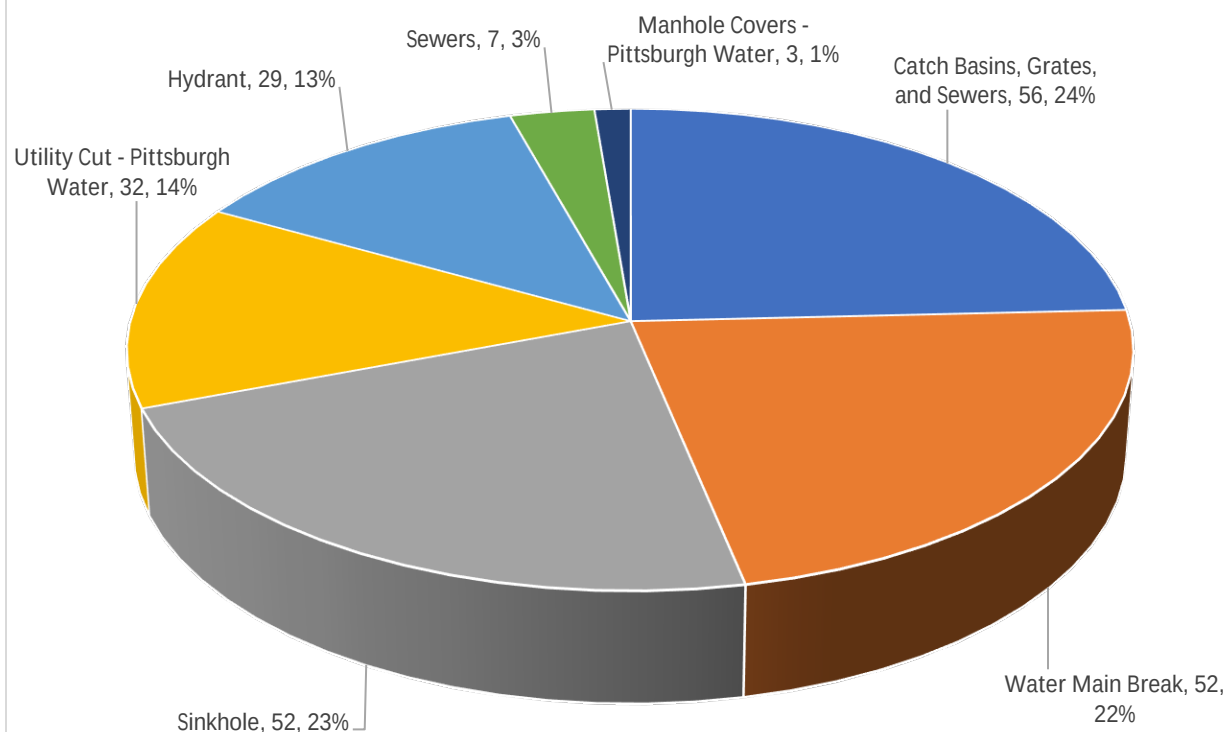


# CUSTOMER SERVICE MONTHLY REPORT

## DISPATCH – FEBRUARY 2025

Dispatch responded to 3,371 calls for emergency service in February 2025. In this month, the Dispatchers issued 145 Interruptions of Service and facilitated 174 dig requests to Pennsylvania One Call.

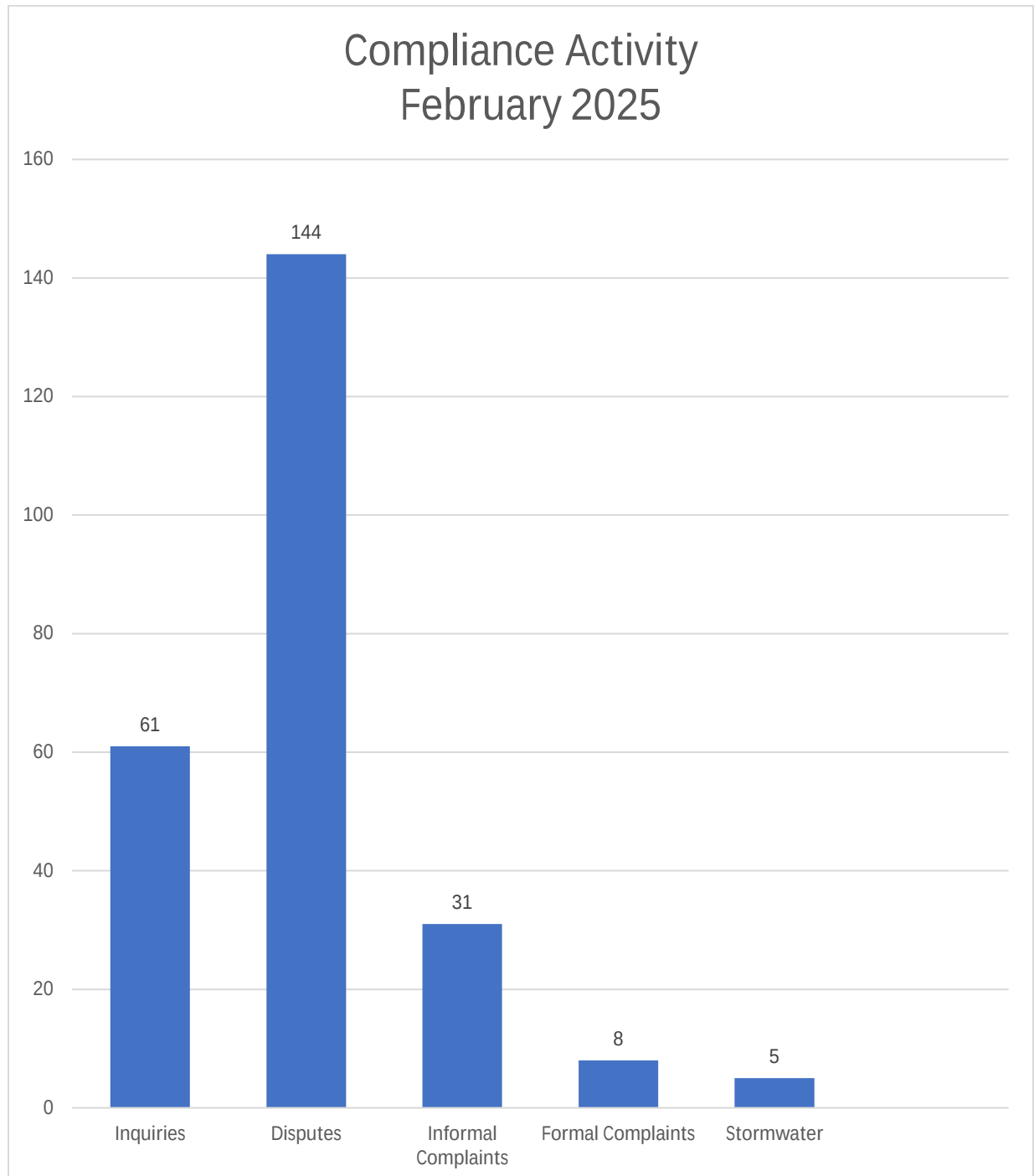
### 311 Mayor's Service Center Complaints Handled February 2025



# CUSTOMER SERVICE MONTHLY REPORT

## PUC COMPLIANCE – FEBRUARY 2025

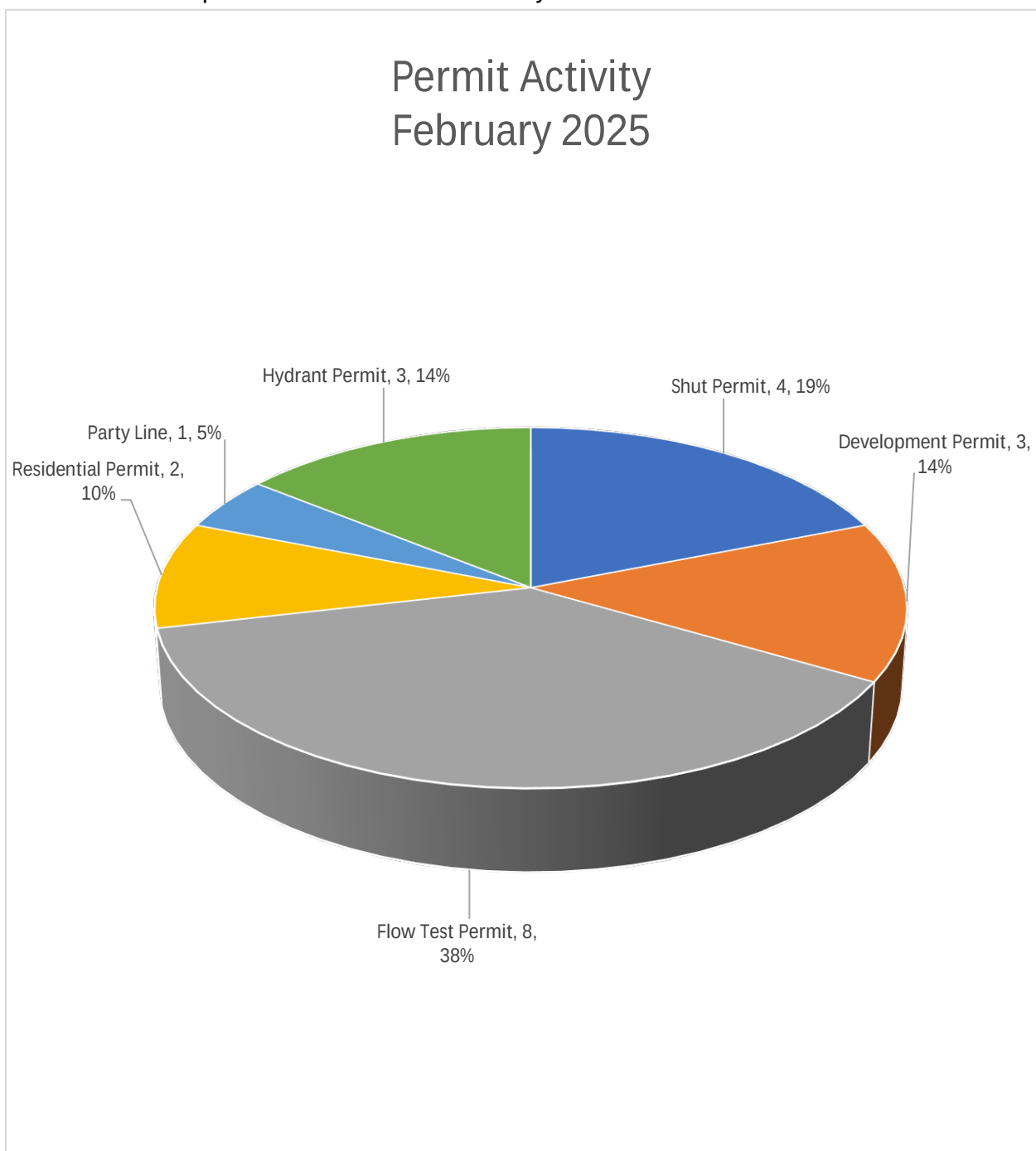
Pittsburgh Water received 61 Inquiries, 144 Disputes, 31 Informal Complaints, 8 Formal Complaints, and 5 Stormwater Inquiries in the month of February 2025.



# CUSTOMER SERVICE MONTHLY REPORT

## PERMITS – FEBRUARY 2025

In February 2025, staff issued 21 permits as illustrated below. Additionally, Permits personnel processed 475 dye testing certification requests online. Permits staff also assisted 170 customers via telephone in the month of February 2025.

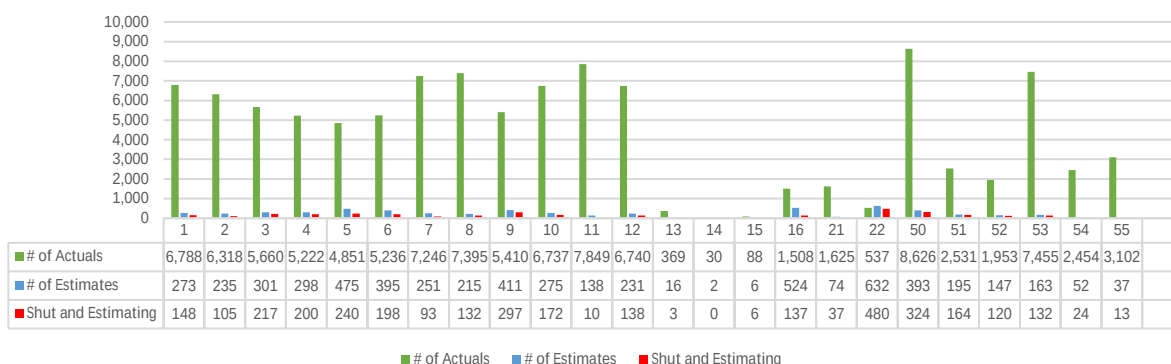


# CUSTOMER SERVICE MONTHLY REPORT

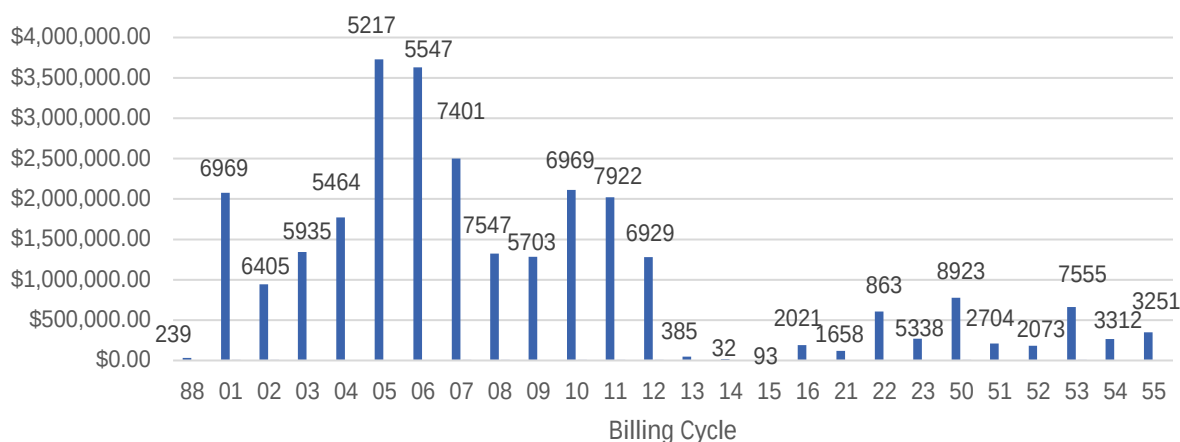
## AMI and BILLING – MARCH 2025

The Non-Access Campaign continues to address the 1,843 aged actual meter readings and the 2,825 estimated meter readings. Under the PA PUC Compliance Plan, customers are to be notified via letters and posting notices to make appointments for a meter upgrade. Pittsburgh Water successfully upgraded 717 meters in March 2025. Additionally, 4,032 letters were issued, 606 properties were posted, and 9 properties were shut for non-access. In March, Pittsburgh Water achieved an actual meter reading rate of 97.04%. Billing also received and processed 330 final bill requests. Billing totals for the month of March 2025 were 116,445 bills produced in the amount of \$27,248,382.44.

### Billed Actual vs. Estimated Readings March 2025



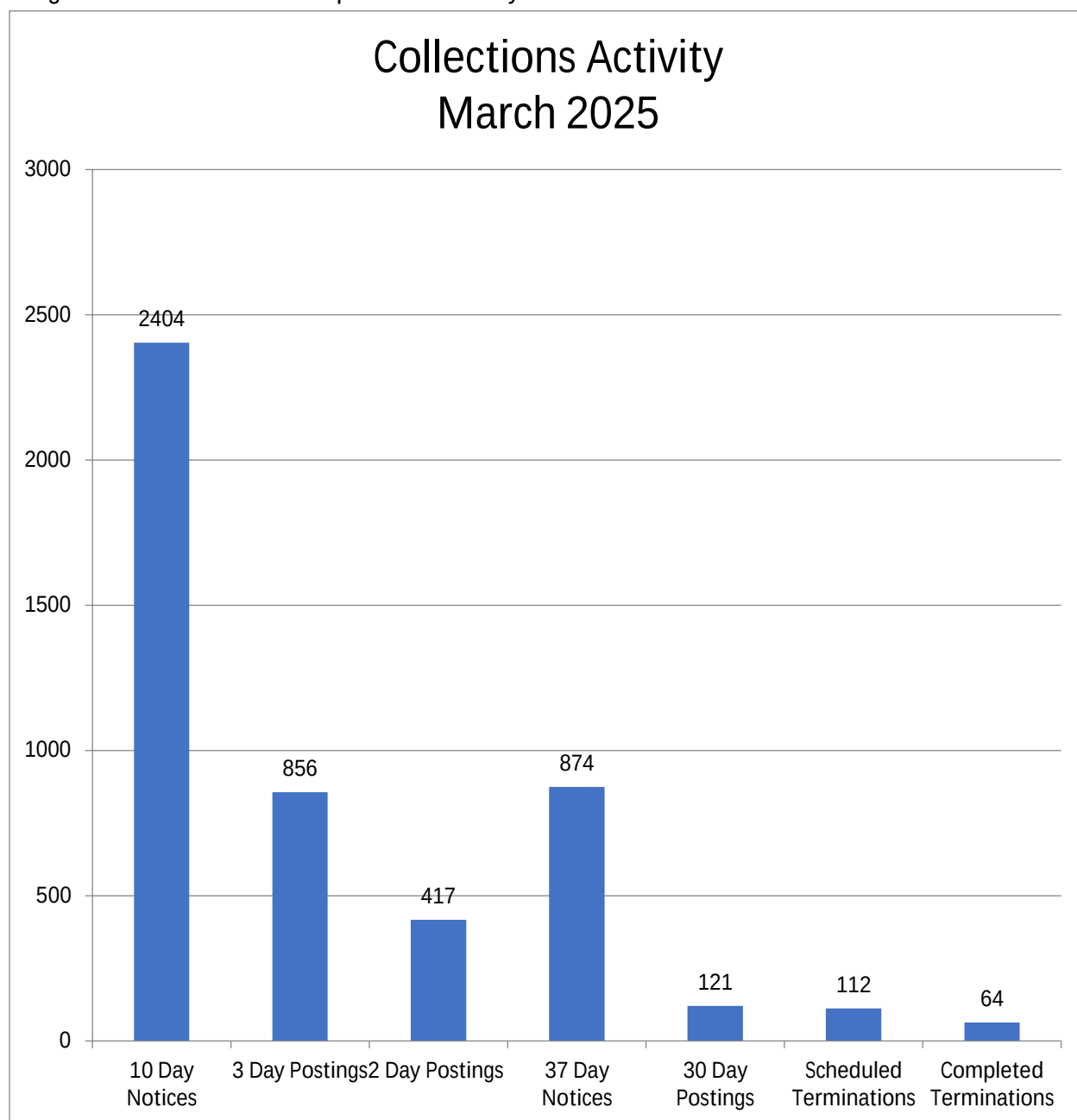
### Billed Amounts in March



# CUSTOMER SERVICE MONTHLY REPORT

## COLLECTIONS – MARCH 2025

In March 2025, the total Collections were \$38,365,824, which was \$7,118,431 *more* than what was billed in February 2025. Out of a total of 1,926 customer inquiries to [info@pgh2o.com](mailto:info@pgh2o.com), Collections personnel responded to 1,926 all within 48 hours. Payment plans for the month of March 2025 totaled 9,285 and there were 8,401 customers enrolled in the Bill Discount Program. The below chart represents activity on both residential and non-residential accounts.



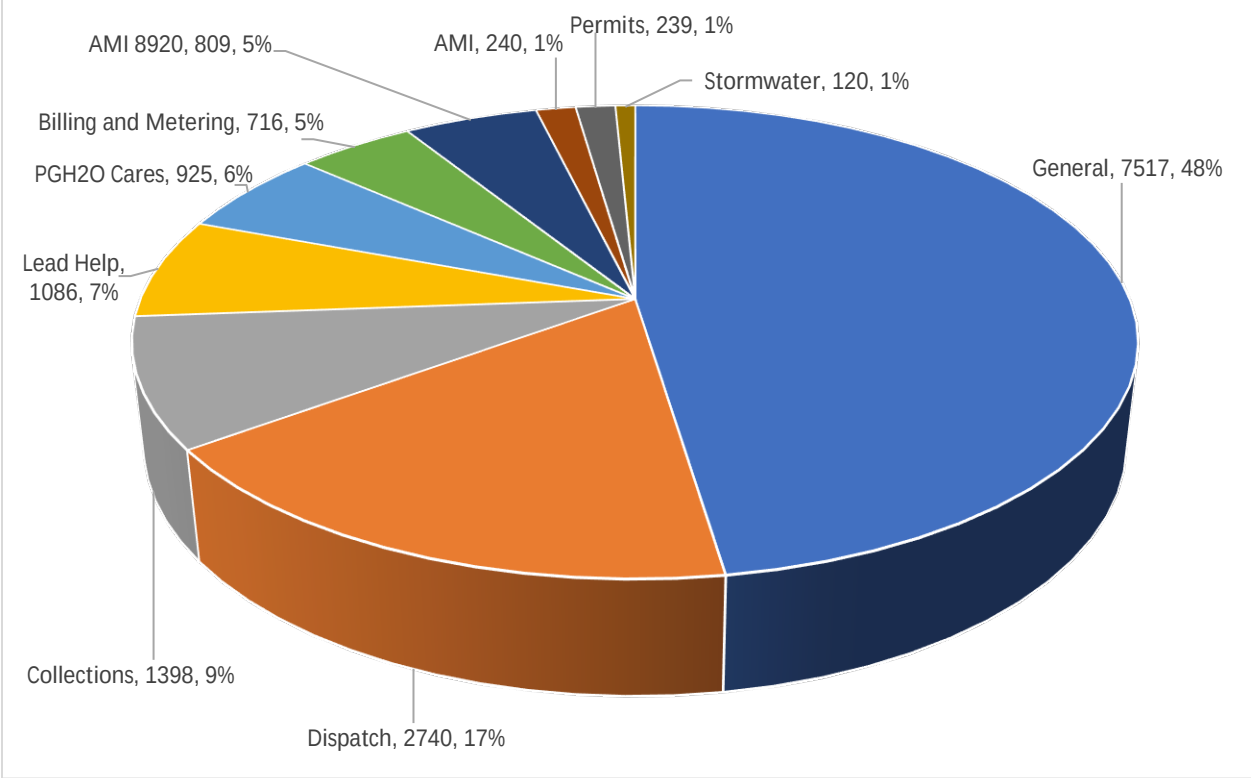
# CUSTOMER SERVICE MONTHLY REPORT

## CONTACT CENTER – MARCH 2025

There were 21 business days in the month of March 2025. In the month of March, the Contact Center’s attendance rate changed to 18 full time employees and 1 part time employee. One full-time employee was promoted to the Lead Help team, and one part-time employee converted to full-time status effective March 24, 2025. Of the 15,790 calls handled in the month of March 2025, the Contact Center yielded an abandonment rate of 1.8% with an average speed of answer of 29 seconds.

| Queue Group Performance by Queue              |                      |                   |                   |                         |                        |                   |                 |                   |                         |                         |                         |                         |                                    |                                     |                                       |                              |                                      |           |                 |          |
|-----------------------------------------------|----------------------|-------------------|-------------------|-------------------------|------------------------|-------------------|-----------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------------------|-------------------------------------|---------------------------------------|------------------------------|--------------------------------------|-----------|-----------------|----------|
| 1 - All Queues                                |                      |                   |                   |                         |                        |                   |                 |                   |                         |                         |                         |                         |                                    |                                     |                                       |                              |                                      |           |                 |          |
| 3/1/2025 - 3/31/2025 - 00:00 - 24:00          |                      |                   |                   |                         |                        |                   |                 |                   |                         |                         |                         |                         |                                    |                                     |                                       |                              |                                      |           |                 |          |
| Created on 4/1/2025 7:07:11 AM by pwsal@Jones |                      |                   |                   |                         |                        |                   |                 |                   |                         |                         |                         |                         |                                    |                                     |                                       |                              |                                      |           |                 |          |
| ACD queue                                     | ACD queue name       | ACD calls offered | ACD calls handled | Calls abandoned (short) | Calls abandoned (long) | Calls interflowed | Calls requested | Queue unavailable | Answered by ACD group 1 | Answered by ACD group 2 | Answered by ACD group 3 | Answered by ACD group 4 | Average speed of answer (hh:mm:ss) | Average delay to abandon (hh:mm:ss) | Average delay to interflow (hh:mm:ss) | ACD handling time (hh:mm:ss) | Average ACD handling time (hh:mm:ss) | Abandon % | Service level % | Answer % |
| P001                                          | GENERAL              | 7696              | 7517              | 16                      | 117                    | 62                | 292             | 1                 | 7517                    | 0                       | 0                       | 0                       | 00:00:39                           | 00:01:05                            | 00:02:15                              | 763:23:22                    | 00:06:06                             | 1.5%      | 88.4%           | 97.7%    |
| P004                                          | DISPATCH             | 2784              | 2740              | 39                      | 44                     | 0                 | 33              | 0                 | 2740                    | 0                       | 0                       | 0                       | 00:00:13                           | 00:00:43                            | 00:00:00                              | 98:04:35                     | 00:02:09                             | 1.6%      | 98.8%           | 98.4%    |
| P002                                          | COLLECTIONS          | 1443              | 1398              | 6                       | 31                     | 14                | 56              | 0                 | 1398                    | 0                       | 0                       | 0                       | 00:00:41                           | 00:01:14                            | 00:02:44                              | 151:00:38                    | 00:06:29                             | 2.1%      | 86.7%           | 96.9%    |
| P318                                          | LEAD HELP            | 1219              | 1086              | 1                       | 4                      | 129               | 8               | 1                 | 1086                    | 0                       | 0                       | 0                       | 00:00:10                           | 00:00:21                            | 00:00:31                              | 65:06:36                     | 00:03:36                             | 0.3%      | 100.0%          | 89.1%    |
| P317                                          | PGH2O Cares          | 1097              | 925               | 19                      | 56                     | 116               | 34              | 1                 | 925                     | 0                       | 0                       | 0                       | 00:00:11                           | 00:00:16                            | 00:00:31                              | 67:48:03                     | 00:04:24                             | 5.1%      | 100.0%          | 84.3%    |
| P006                                          | AMI 8920             | 975               | 809               | 14                      | 9                      | 157               | 0               | 62                | 809                     | 0                       | 0                       | 0                       | 00:00:09                           | 00:00:19                            | 00:00:13                              | 54:07:40                     | 00:04:01                             | 0.9%      | 100.0%          | 83.0%    |
| P003                                          | BILLING AND METERING | 753               | 716               | 5                       | 19                     | 18                | 24              | 0                 | 716                     | 0                       | 0                       | 0                       | 00:00:44                           | 00:00:39                            | 00:02:31                              | 68:29:09                     | 00:05:44                             | 2.5%      | 85.0%           | 95.1%    |
| P005                                          | AMI                  | 240               | 240               | 0                       | 0                      | 0                 | 10              | 0                 | 240                     | 0                       | 0                       | 0                       | 00:00:16                           | 00:00:00                            | 00:00:00                              | 15:34:57                     | 00:03:54                             | 0.0%      | 98.8%           | 100.0%   |
| P008                                          | PERMITS              | 288               | 239               | 4                       | 8                      | 41                | 11              | 0                 | 239                     | 0                       | 0                       | 0                       | 00:00:11                           | 00:00:28                            | 00:00:59                              | 08:04:02                     | 00:02:02                             | 2.8%      | 100.0%          | 83.0%    |
| P009                                          | STORMWATER           | 127               | 120               | 5                       | 6                      | 1                 | 11              | 0                 | 120                     | 0                       | 0                       | 0                       | 00:00:40                           | 00:00:39                            | 00:02:13                              | 14:46:27                     | 00:07:23                             | 4.7%      | 88.2%           | 94.5%    |
| Totals                                        |                      | 16622             | 15790             | 109                     | 294                    | 538               | 479             | 65                | 15790                   | 0                       | 0                       | 0                       | 00:00:29                           | 00:00:48                            | 00:00:47                              | 1306:25:29                   | 00:04:58                             | 1.8%      | 92.5%           | 95.0%    |

Customers Assisted Via Telephone 15,790

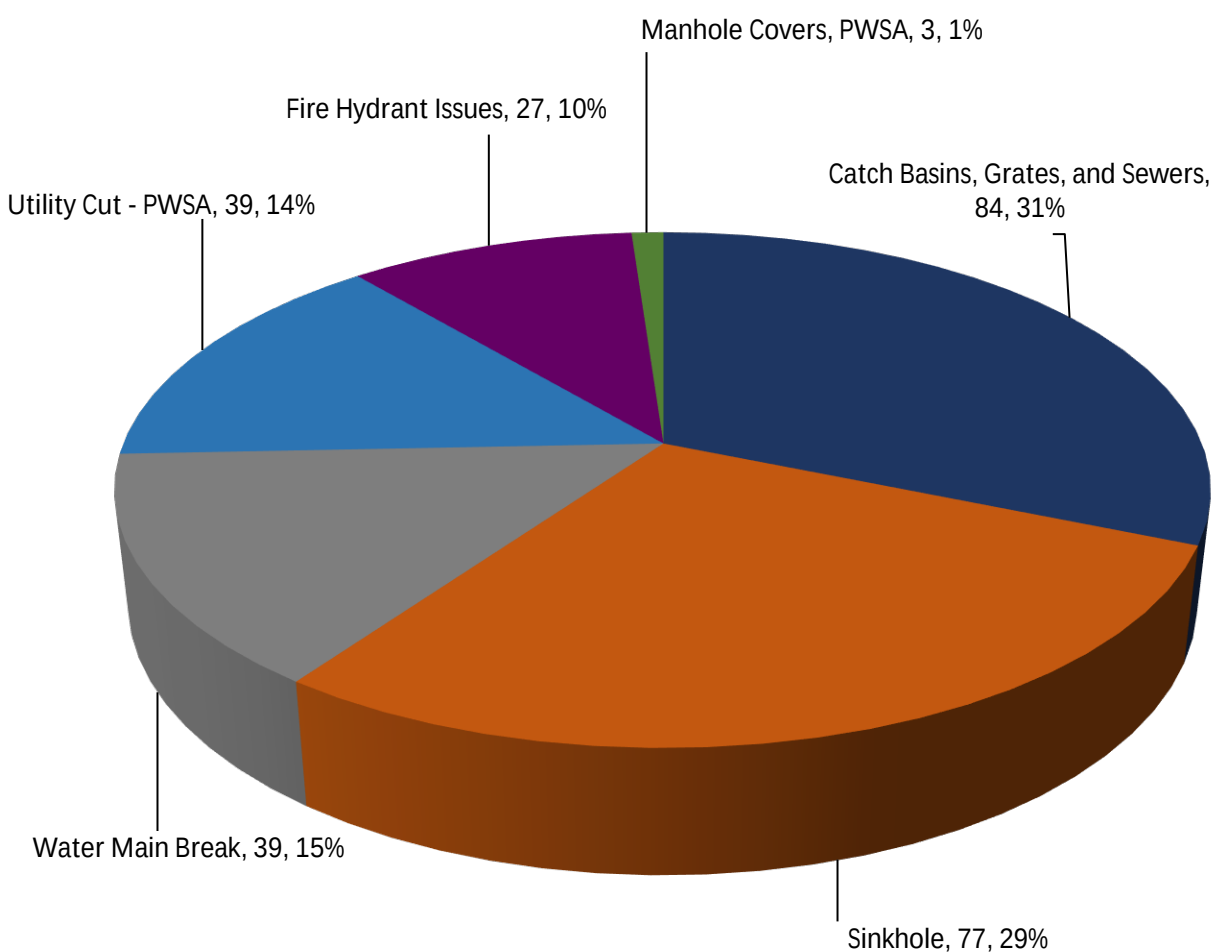


# CUSTOMER SERVICE MONTHLY REPORT

## DISPATCH – MARCH 2025

Dispatch responded to 2,740 calls for emergency service in March 2025. In this month, the Dispatchers issued 107 Interruptions of Service and facilitated 191 dig requests to Pennsylvania One Call.

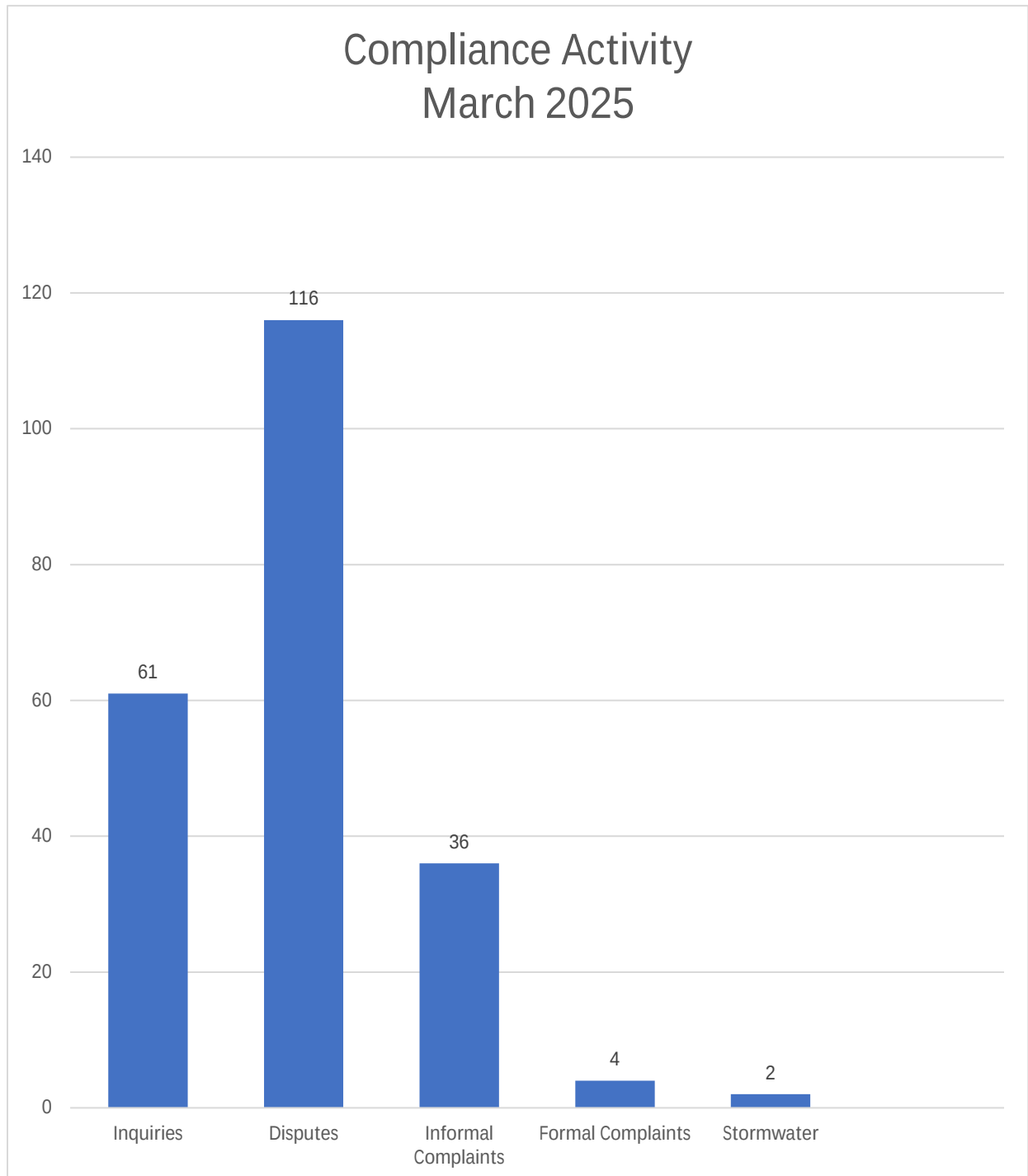
### 311 Mayor's Service Center Complaints Handled March 2025



# CUSTOMER SERVICE MONTHLY REPORT

## PUC COMPLIANCE – MARCH 2025

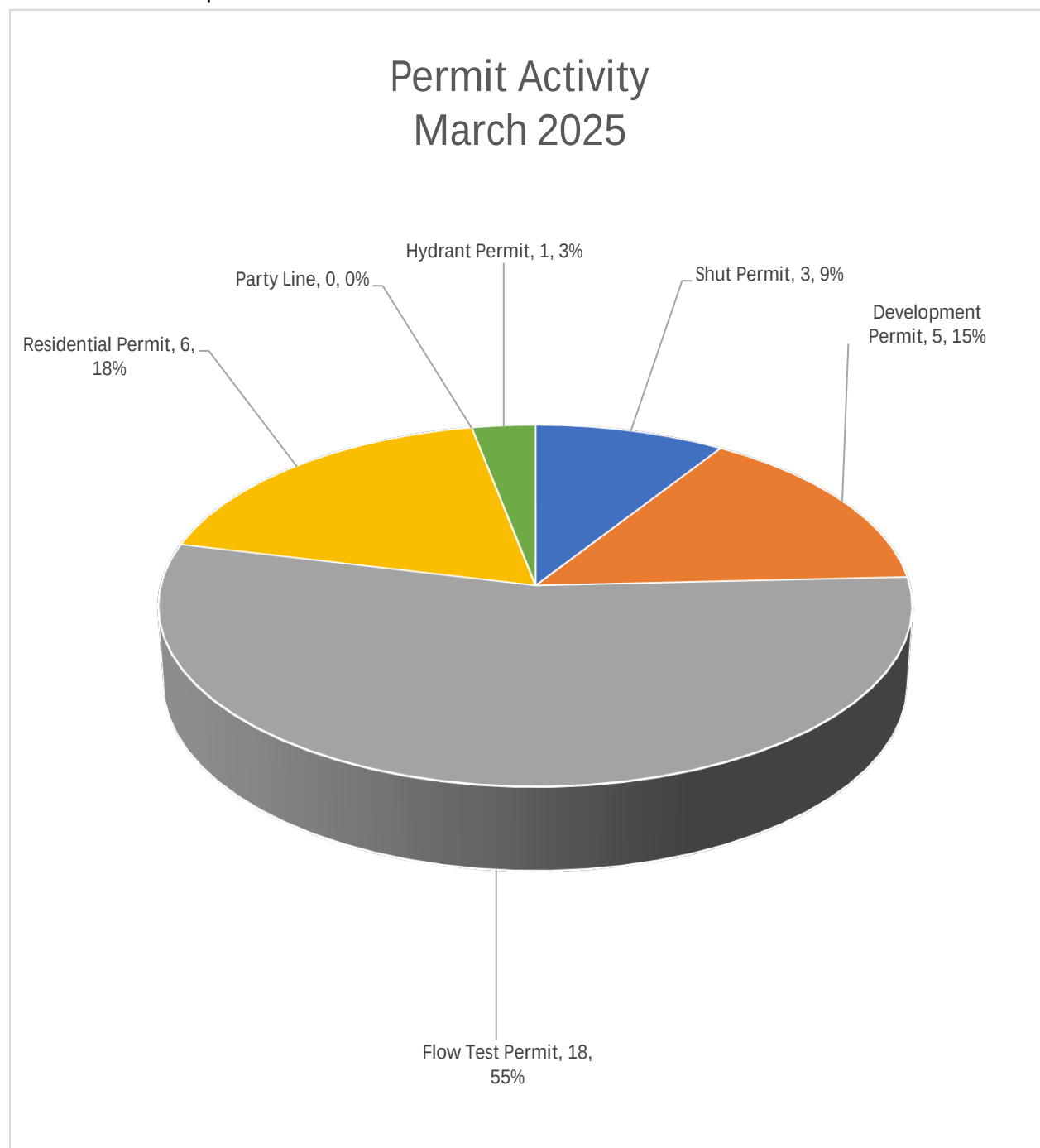
Pittsburgh Water received 61 Inquiries, 116 Disputes, 36 Informal Complaints, 4 Formal Complaints, and 2 Stormwater Inquiries in the month of March 2025.



# CUSTOMER SERVICE MONTHLY REPORT

## PERMITS – MARCH 2025

In March 2025, staff issued 33 permits as illustrated below. Additionally, Permits personnel processed 513 dye testing certification requests online. Permits staff also assisted 239 customers via telephone in the month of March 2025.



| PUC Quarterly Collections Reporting - January 2025                                 |                 |
|------------------------------------------------------------------------------------|-----------------|
| PUC Quarterly Collections Reporting - January 2025                                 | Total           |
| Number of accounts entering the Collections Life Cycle (60+ days past due)         | 10,239          |
| Dollar amounts of accounts entering the Collections Life Cycle (60+ days past due) | \$21,074,094.12 |
| Number of accounts that are between 180 and 9999 days overdue                      | 2,973           |
| Dollar amounts of accounts that are between 180 and 9999 days overdue              | \$11,061,163.75 |
| Number of accounts receiving 10-day and 37-day notices                             | 2,554           |
| Number of scheduled terminations canceled during personal contact                  | 2               |
| Number of Notices of Intent to Lien issued                                         | 390             |
| Number of liens filed                                                              | 105             |

| PUC Quarterly Collections Reporting - February 2025                                |                 |
|------------------------------------------------------------------------------------|-----------------|
| PUC Quarterly Collections Reporting - February 2025                                | Total           |
| Number of accounts entering the Collections Life Cycle (60+ days past due)         | 9,529           |
| Dollar amounts of accounts entering the Collections Life Cycle (60+ days past due) | \$20,482,510.14 |
| Number of accounts that are between 180 and 9999 days overdue                      | 2,969           |
| Dollar amounts of accounts that are between 180 and 9999 days overdue              | \$11,386,067.53 |
| Number of accounts receiving 10-day and 37-day notices                             | 2,521           |
| Number of scheduled terminations canceled during personal contact                  | 13              |
| Number of Notices of Intent to Lien issued                                         | 260             |
| Number of liens filed                                                              | 100             |

| PUC Quarterly Collections Reporting - March 2025                                   |                 |
|------------------------------------------------------------------------------------|-----------------|
| PUC Quarterly Collections Reporting - March 2025                                   | Total           |
| Number of accounts entering the Collections Life Cycle (60+ days past due)         | 9,478           |
| Dollar amounts of accounts entering the Collections Life Cycle (60+ days past due) | \$19,757,426.96 |
| Number of accounts that are between 180 and 9999 days overdue                      | 2,891           |
| Dollar amounts of accounts that are between 180 and 9999 days overdue              | \$11,191,140.72 |
| Number of accounts receiving 10-day and 37-day notices                             | 3,278           |
| Number of scheduled terminations canceled during personal contact                  | 14              |
| Number of Notices of Intent to Lien issued                                         | 253             |
| Number of liens filed                                                              | 102             |

## Appendix F- Vacancy Report

### 910F Executive Office

2025 Vacancy  
as of Mar 31, 2025

| Department | Title | Name |
|------------|-------|------|
|------------|-------|------|

### 911F Cust Service

2025 Vacancy  
as of Mar 31, 2025

| Department       | Title                                               | Name   |
|------------------|-----------------------------------------------------|--------|
| Customer Service | Customer Service Representative 1 - PT (1500 Hours) | Vacant |
| Customer Service | Customer Service Representative 2                   | Vacant |
| Customer Service | Customer Service Representative 2                   | Vacant |
| Customer Service | Lead Help Field Liaison - Senior Inspector          | Vacant |

### 912F TS

2025 Vacancy  
as of Mar 31, 2025

| Department | Title | Name |
|------------|-------|------|
|------------|-------|------|

### 913F Finance

2025 Vacancy  
as of Mar 31, 2025

| Department | Title                  | Name   |
|------------|------------------------|--------|
| Finance    | Procurement Specialist | Vacant |

### 915F HR

2025 Vacancy  
as of Mar 31, 2025

| Department      | Title                                   | Name   |
|-----------------|-----------------------------------------|--------|
| Human Resources | Manager, Human Resources Administration | Vacant |

### 916F Legal

2025 Vacancy  
as of Mar 31, 2025

| Department | Title                          | Name   |
|------------|--------------------------------|--------|
| Legal      | Corporate Counsel - Employment | Vacant |

### 917 Safety and Security

2025 Vacancy  
as of Mar 31, 2025

| Department        | Title                       | Name   |
|-------------------|-----------------------------|--------|
| Safety & Security | Construction Safety Manager | Vacant |
| Safety & Security | Security Officer 2nd Shift  | Vacant |
| Safety & Security | Security Officer 3rd Shift  | Vacant |

### 920F Warehouse

2025 Vacancy  
as of Mar 31, 2025

| Department | Title                           | Name   |
|------------|---------------------------------|--------|
| Warehouse  | Inventory Control Specialist II | Vacant |

### 921F Public Affairs

2025 Vacancy  
as of Mar 31, 2025

| Department     | Title                                   | Name   |
|----------------|-----------------------------------------|--------|
| Public Affairs | Director of Government & Public Affairs | Vacant |

### 930F Engineering

2025 Vacancy  
as of Mar 31, 2025

| Department  | Title                                   | Name   |
|-------------|-----------------------------------------|--------|
| Engineering | Associate Project Manager, Construction | Vacant |
| Engineering | Cooperative Education                   | Vacant |
| Engineering | Senior Project Manager, Water Programs  | Vacant |

### 931F Environmental Compliance

2025 Vacancy  
as of Mar 31, 2025

| Department | Title | Name |
|------------|-------|------|
|------------|-------|------|

### 321F Lab

2025 Vacancy  
as of Mar 31, 2025

| Department | Title     | Name   |
|------------|-----------|--------|
| Lab        | Chemist I | Vacant |

### 322F WTP

2025 Vacancy  
as of Mar 31, 2025

| Department            | Title                               | Name   |
|-----------------------|-------------------------------------|--------|
| Water Treatment Plant | Deputy Director of Water Production | Vacant |
| Water Treatment Plant | Plumber - Licensed                  | Vacant |

### 325F Water Ops

2025 Vacancy  
as of Mar 31, 2025

| Department | Title                            | Name   |
|------------|----------------------------------|--------|
| Water Ops  | Senior Manager, Field Operations | Vacant |
| Water Ops  | Truck Driver                     | Vacant |
| Water Ops  | Truck Driver                     | Vacant |
| Water Ops  | Truck Driver                     | Vacant |

|           |                  |        |        |
|-----------|------------------|--------|--------|
| Water Ops | Utility Worker I | Vacant | Vacant |
| Water Ops | Utility Worker I | Vacant | Vacant |

424F Sewer Ops

2025 Vacancy  
as of Mar 31, 2025

| Department | Title                 | Name   |        |
|------------|-----------------------|--------|--------|
| Sewer Ops  | Sewer Service Foreman | Vacant | Vacant |
| Sewer Ops  | TV Truck Specialist   | Vacant | Vacant |
| Sewer Ops  | Utility Worker I      | Vacant | Vacant |
| Sewer Ops  | Utility Worker I      | Vacant | Vacant |
| Sewer Ops  | Vactor Operator       | Vacant | Vacant |

Appendix G – Microfiltration Plant

| Project Name                                                                  | Project Number | Project Phase | Project Start (Year) | Capital Project Budget | Capital Budget Savings/Overage s | Project Commitment | Amount Paid     | Amount Not Yet Invoiced | Amount Remaining | Actual 2017 Expenditures | Actual 2018 Expenditures | Actual 2019 Expenditures | Actual 2020 Expenditures | Actual 2021 Expenditures | Actual 2022 Expenditures | Actual 2023 Expenditures | Actual 2024 Expenditures | Actual 2025 Expenditures Q1 |
|-------------------------------------------------------------------------------|----------------|---------------|----------------------|------------------------|----------------------------------|--------------------|-----------------|-------------------------|------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|
| MFP Transformer Repair and UPS Replacement                                    | 2017-322-103-0 | Complete      | 2017                 | \$ 89,425.00           | \$ -                             | \$ 89,425.00       | \$ 89,392.76    | \$ 32.24                | \$ 32.24         | \$ 1,674.00              | \$ 87,718.76             | \$ -                     | \$ -                     | \$ -                     | \$ -                     | \$ -                     | \$ -                     | \$ -                        |
| MFP Assessment and Critical Process Improvements                              | 2017-322-104-0 | Complete      | 2017                 | \$ 3,498,260.36        | \$ -                             | \$ 3,498,260.36    | \$ 3,498,230.84 | \$ 29.52                | \$ 29.52         | \$ 350,929.77            | \$ 1,226,932.79          | \$ 920,585.11            | \$ 803,012.93            | \$ 157,140.71            | \$ 26,065.41             | \$ 13,564.12             | \$ -                     | \$ -                        |
| Highland Park Membrane Filtration Module Replacement Program                  | 2017-322-105-0 | Complete      | 2017                 | \$ 1,482,788.00        | \$ 157,986.76                    | \$ 1,324,801.24    | \$ 1,324,801.24 | \$ -                    | \$ 157,986.76    | \$ 532,974.00            | \$ 52,403.83             | \$ 189,029.00            | \$ 547,232.73            | \$ 3,161.68              | \$ -                     | \$ -                     | \$ -                     | \$ -                        |
| Aspinwall and MFP Fiberglass Reinforced Plastic Chemical Tank Inspections and | 2017-322-102-0 | Complete      | 2017                 | \$ 295,000.00          | \$ 54,425.83                     | \$ 240,574.17      | \$ 240,574.17   | \$ -                    | \$ 54,425.83     | \$ 19,231.66             | \$ 142,826.48            | \$ 783.02                | \$ 45,434.58             | \$ 32,298.43             | \$ -                     | \$ -                     | \$ -                     | \$ -                        |
| Highland Park Membrane Filtration Plant UV System                             | 2017-322-106-0 | Complete      | 2017                 | \$ 5,577,935.60        | \$ -                             | \$ 5,577,935.60    | \$ 5,577,935.60 | \$ -                    | \$ -             | \$ -                     | \$ 641,342.70            | \$ 3,494,954.26          | \$ 1,220,467.55          | \$ 160,698.14            | \$ 45,798.01             | \$ 3,932.51              | \$ 10,742.43             | \$ -                        |
| Highland Reservoir #1 Parapet Wall Repairs                                    | 2017-322-106-1 | Complete      | 2019                 | \$ 2,351,478.08        | \$ 47,418.34                     | \$ 2,304,059.74    | \$ 2,304,059.74 | \$ -                    | \$ 47,418.34     | \$ -                     | \$ -                     | \$ 240,266.12            | \$ 1,953,034.67          | \$ 110,758.95            | \$ -                     | \$ -                     | \$ -                     | \$ -                        |
| Highland Park MFP Improvements Project                                        | 2021-322-100-0 | Complete      | 2021                 | \$ 448,802.01          | \$ 423,310.30                    | \$ 25,491.71       | \$ 25,491.71    | \$ -                    | \$ 423,310.30    |                          |                          |                          |                          | \$ 25,491.71             | \$ -                     | \$ -                     | \$ -                     | \$ -                        |
| Permit (UV)                                                                   | Operating      | On-going      | 2018                 | \$ -                   | \$ -                             | \$ -               | \$ -            | \$ -                    | \$ -             | \$ -                     | \$ 500.00                | \$ 5,000.00              | \$ -                     |                          |                          |                          | \$ -                     | \$ -                        |
| Chemicals                                                                     | Operating      | On-going      | 2020                 | \$ -                   | \$ -                             | \$ -               | \$ -            | \$ -                    | \$ -             | \$ -                     | \$ -                     | \$ 3,170.50              | \$ 24,867.80             | \$ 51,753.90             | \$ 32,965.26             | \$ 70,199.56             | \$ 17,398.49             | \$ -                        |
| Utilities                                                                     | Operating      | On-going      | 2017                 | \$ -                   | \$ -                             | \$ -               | \$ -            | \$ -                    | \$ -             | \$ 4,360.00              | \$ 4,360.00              | \$ 13,312.19             | \$ 117,901.96            | \$ 169,211.11            | \$ 154,524.95            | \$ 182,015.75            | \$ 93,509.81             | \$ 34,485.17                |
| Security                                                                      | Operating      | On-going      | 2019                 | \$ -                   | \$ -                             | \$ -               | \$ -            | \$ -                    | \$ -             | \$ -                     | \$ -                     | \$ 60,365.13             | \$ 316,850.63            | \$ 385,274.24            | \$ 384,007.85            | \$ 231,230.51            | \$ 132,335.15            | \$ -                        |
| Supplies                                                                      | Operating      | On-going      | 2019                 | \$ -                   | \$ -                             | \$ -               | \$ -            | \$ -                    | \$ -             | \$ -                     | \$ -                     | \$ 1,350.00              | \$ 99,163.00             | \$ 76,288.86             | \$ 28,253.38             | \$ 47,913.01             | \$ 1,715.76              | \$ -                        |
| PWSA Staff Hours                                                              | Operating      | On-going      | 2019                 | \$ -                   | \$ -                             | \$ -               | \$ -            | \$ -                    | \$ -             | \$ -                     | \$ -                     | \$ 41,486.40             | \$ 925,554.55            | \$ 472,846.72            | \$ 213,433.20            | \$ 343,000.00            | \$ 230,060.00            | \$ -                        |



February 14, 2025

Renee Diehl, Environmental Program Manager  
Department of Environmental Protection  
Southwest Regional Office  
400 Waterfront Drive  
Pittsburgh, Pennsylvania 15222-4745

Re: Lead Program Quarterly Progress Report  
Pittsburgh Water

Dear Ms. Diehl:

Pursuant to Paragraph 3.f. of the Consent Order and Agreement (COA) dated November 17, 2017, Pittsburgh Water is providing this Lead Program Quarterly Progress Report, every three (3) months following the date of the execution of the COA. This report will provide details on the progress and current status of each of the following:

|            |                                                         |
|------------|---------------------------------------------------------|
| Section 1: | Implementation of Corrosion Control Feasibility Study   |
| Section 2: | Consumer Tap Notices                                    |
| Section 3: | 72-hour Partial Line Replacement Sample Results         |
| Section 4: | Partial Lead Service Line Replacements                  |
| Section 5: | Implementation of Community Environmental Project (CEP) |
| Section 6: | Identification of Lead Service Lines                    |
| Section 7: | Lead Service Line Replacements                          |
| Section 8: | Advisory Committee                                      |

|              |                                     |
|--------------|-------------------------------------|
| Attachment A | Consumer Tap Notice: Example Letter |
| Attachment B | Post-Construction Sample Results    |

If any additional information is needed or if we can answer any questions, please let us know.

Regards,

*William J. Pickering*

William J. Pickering  
Chief Executive Officer





# Lead Program Quarterly Progress Report – February 15, 2025

## Section 1 - Implementation of Corrosion Control Treatment Feasibility Study

Under paragraph 3.b.ii of the November 17, 2017 Consent Order & Agreement (COA), Pittsburgh Water was required to submit an application for a permit to construct the corrosion control treatment facilities within ninety (90) days of the approval of the feasibility study. On April 27, 2018, Pittsburgh Water received a letter from the Pennsylvania Department of Environmental Protection (PADEP) stating that the selection of orthophosphate as optimal corrosion control treatment for Pittsburgh Water was approved.

Pittsburgh Water completed design of the corrosion control chemical facilities and submitted a permit application to PADEP on May 10, 2018. Under paragraph 3.b.iii, Pittsburgh Water was to complete construction of the modified corrosion control treatment facilities in accordance with the amended construction permit within 180 days of the PADEP issuing an amended construction permit. The PADEP issued the Construction Permit for the Orthophosphate Addition and Storage Project on September 24, 2018. Pittsburgh Water received the Building Permit from the City of Pittsburgh's Department of Permits, Licenses, and Inspections (PLI) on January 17, 2019. A Letter Amendment to the COA provided for phased implementation of orthophosphate for corrosion control, and Pittsburgh Water coordinated these start up dates with PADEP. PADEP inspected all three sites on March 26, 2019. The PADEP issued the amended Operation Permit for the corrosion control facilities on March 29, 2019.

Pittsburgh Water began implementation of the modified corrosion control treatment facilities upon receipt of the amended Operation Permit from PADEP on March 29, 2019. Pittsburgh Water introduced orthophosphate as approved in the amended permit, as follows:

- Bruecken Pump Station Application Point – Highland 2 Super System on April 1, 2019
- Aspinwall Pump Station Application Point – Lanpher Reservoir Super System on April 15, 2019
- MFP1 and MFP2 sites – Highland 1 Reservoir Super System on April 29, 2019

Pittsburgh Water performed work on the Aspinwall Pump Station and Bruecken Pump Station corrosion control treatment facilities to change out the orthophosphate storage from totes to double water storage tanks. This conversion increased storage capacity and improved loading and storage monitoring. A Certificate of Construction for the first tank conversion was submitted to PADEP on May 6, 2022 and an Operation Permit was granted by PADEP on June 3, 2022. A Certificate of Construction for the second tank conversion was submitted to PADEP on December 8, 2022 and an Operation Permit was



granted by PADEP on January 9, 2023, allowing the second tank to be placed into service at both locations.

Parallel to the implementation of orthophosphate, Pittsburgh Water continues with the implementation of the Distribution System Monitoring Plan associated with orthophosphate addition. This monitoring program consists of the following components:

- Regulatory monitoring
  - Lead and Copper Rule (LCR)
  - Water Quality Parameter (WQP)
  - Revised Total Coliform Rule (RTCR)
  - Disinfection Requirements Rule (DRR)
  - Stage 2 Disinfectants and Disinfection Byproducts Rule (D/DBP)
- Supplemental Monitoring
  - Enhanced RTCR site monitoring
  - Lead service line profiles
  - Aspinwall Water Treatment Plant entry point
  - Orthophosphate dosage and optimization

The collected data indicates that the addition of orthophosphate continues to have a positive impact on corrosion. The monitoring stations appear to have established steady lead levels well below initial values and below the action level of 15 parts per billion (ppb). The residential lead profiles conducted at several locations throughout the city also indicate progress of lowering lead levels from the pre-orthophosphate addition. The corrosion control team is conducting a detailed investigation at some sites that exceeded action levels to gain better understanding for their occurrence.

The last LCR Compliance Sampling period was July 2023 – December 2023 (2023b). The results of LCR Compliance Sampling since the introduction of orthophosphate are shown below:

| <u>Compliance Sampling Period</u> | <u>90<sup>th</sup> Percentile Lead Result</u> |
|-----------------------------------|-----------------------------------------------|
| July 2023 – December 2023         | 3.58 ppb                                      |
| January 2023 – June 2023          | 3.35 ppb                                      |
| July 2022 – December 2022         | 5.0 ppb                                       |
| January 2022 – June 2022          | 4.42 ppb                                      |
| July 2021 – December 2021         | 7.05 ppb                                      |
| January 2020 – June 2020          | 5.1 ppb                                       |
| July 2019 – December 2019         | 10.0 ppb                                      |



Pittsburgh Water has accordingly achieved seven consecutive rounds of compliance sampling that were below the 15 ppb action level and 90<sup>th</sup> percentile results remain below that level.

On April 20, 2020, Pittsburgh Water submitted a permit application to PADEP to adjust pH and orthophosphate levels. The application was supplemented by a Corrosion Control Optimization Plan (Plan), and an amended permit was issued on November 4, 2020. The Plan activities included four "Events" and 40 weeks of monitoring, and the original scope of the plan was complete with a final report presented on August 27, 2021. The Plan included the adjustment of pH to 7.8 and orthophosphate dose to 1.7 mg/l. During implementation of the Plan, extensive sampling was done throughout the distribution system to detect any impact these changes may have on lead release.

During a meeting with PADEP on October 21, 2021, Pittsburgh Water presented the results of the Plan, and recommended increasing the orthophosphate dose and continuing the monitoring. A request to modify the Public Water Supply Operation Permit to allow this increased orthophosphate dose (1.9 mg/L) was submitted to PADEP on April 4, 2022.

On June 23, 2022, PADEP approved an Operation Permit (No. 0218518-A3) to modify the dose of orthophosphate from 1.7 mg/L to 1.9 mg/L at the application points. This modification was implemented shortly after receipt of the permit.

In accordance with Paragraph 3.b.v of the COA, as well as Chapter 109, Subchapter K of the Pennsylvania Code, and Public Water Supply Permit No. 0218518-A3, Pittsburgh Water submitted a Request for Designation of Optimal Water Quality Parameter (WQP) to PADEP on July 30, 2023. The WQP was issued by PADEP on March 19, 2024, with the lead and copper sampling requirement updated to sampling every three years starting with the compliance period June 1, 2025 through September 30, 2025. In addition, from June 2024 to September 2024 Pittsburgh Water conducted an unofficial sampling period, collecting 1<sup>st</sup> (and 5<sup>th</sup>) L samples in accordance with the sampling requirements that will be in place in 2025. The results were uploaded to DWELR.

In accordance with Paragraph 3.b.vi., Pittsburgh Water is currently conducting WQP monitoring every 2 weeks at each entry point and monthly at 25 locations within the distribution system. This frequency will continue for a period of one year from the issuance of the WQP.

Pittsburgh Water is required to maintain a pH range of 7.2 to 8.0 throughout the drinking water system. During the October 2024 WQP sampling event on October 3, 2024, sampling at 720 on Marshall Ave indicated a pH of 8.24. As allowed, we collected a follow-up sample indicating a pH of 7.87. Even though the final sample taken that day was within the permitted range, the mathematical average of the two samples was 8.06, which under PADEP regulations rounds to 8.1 for reporting purposes. This rounded value falls outside the permitted pH range for that calendar day. Pittsburgh Water monitored pH at other sampling locations on and around October 3, 2024 and found all pH values to be within the permitted range of 7.2 to 8.0 and in compliance. The calculation error was self-reported to the PADEP,



a Tier II notice was issued to 1,969 customers within the area of the excursion on January 16, 2025, and certification was provided to PA DEP on January 21, 2025.

## Section 2 - Consumer Tap Notices

Pittsburgh Water completed a LCR compliance sampling event for July 2023 – December 2023 (2023b), which had a 90th percentile result of 3.58 ppb, which is below the action level of 15 ppb. Therefore, Tier 2 public notice to Pittsburgh Water customers was not required. As of March 19, 2024 the monitoring requirement has been revised, with the lead and copper sampling requirement updated to sampling every three years with the next compliance period being June 1, 2025 through September 30, 2025.

Pittsburgh Water mails sample kits directly to customers at Tier 1 sites on the sampling plan. These kits include a one-liter sampling bottle, PADEP approved sampling instructions and return postage to the lab.

Every customer who is served by water at sites that were sampled is mailed a sample results letter (See Attachment A) within 3 business days of Pittsburgh Water receiving and conducting a Quality Assurance review of the results.

When Pittsburgh Water receives a sample result that exceeds 10 ppb, a NSF-certified water filter pitcher and 6-month supply of filter cartridges is mailed to the customer, at no cost to the customer. If any result exceeds 15 ppb total lead, Pittsburgh Water's contracted laboratory informs Pittsburgh Water by telephone within one hour. If the laboratory is unable to reach Pittsburgh Water by telephone within one hour, the laboratory notifies the PADEP regional office by telephone within 2 hours. The laboratory also notifies the PADEP regional office in writing within 24 hours of the determination of the exceedance using the 24-hour notice form. This notification is either emailed or faxed, as long as the 24-hour deadline is met. Additionally, when any result exceeds 15 ppb total lead, Pittsburgh Water Lead Help reaches out to the customer with the exceedance via an available phone number to inform them of the result and provide guidance for mitigation the customer can take. If the customer's phone number(s) on file are not valid, a letter is sent via US mail to request updated contact information from the customer.

## Section 3 - 72 Hour Partial Line Replacement Sample Results

Per PUC order, effective April 4, 2021, partial service line replacements are no longer authorized.

25 Pa. Code § 109.1107(d)(4)(ii) states: *The system shall collect the partial lead service line replacement sample and report the results of the analysis to the owner and the residents served by the line within 3 business days of receiving the results.* Paragraph 3.a.iii and iv of the COA provide for follow up notice to residents who do not return samples and additional sampling and replacement cartridges for homes with partial replacements that exceed that lead action level of 15 ppb.



In accordance with 25 Pa. Code § 109.1107(d)(4)(ii), Pittsburgh Water requests that property owners collect a water sample (post-construction sample) after every partial line replacement.

In addition, Pittsburgh Water provides a sample kit to property owners to collect a water sample after full line replacements and private-only or public-only (non-lead on the private side) replacements that Pittsburgh Water performs. Pittsburgh Water follows PADEP risk mitigation measures described in their Risk Mitigation Measures (RMM) for Water Systems Conducting Lead Service Line Replacement fact sheet. In addition to the other RMMs described in the fact sheet, for any location where a public and/or private service line is replaced, Pittsburgh Water provides a sample kit to collect first draw and 5th liter tap samples between three and six months after completion of the LSLR.

For all locations where post-construction sample results exceed the lead action level of 15 ppb (partial or full line replacement), the customer is contacted via phone or email, in addition to receiving a letter with their sample results. If Pittsburgh Water needs to reach a tenant with no contact information, Pittsburgh Water Lead Help Desk will look up the owner in an attempt to contact them. Residents are reminded to continue to use the NSF-certified water filter pitcher provided at the time of initial disturbance of the lead service line and are provided a test kit to collect another sample three months after the exceedance sample was collected. Additional water pitcher filter cartridges are provided at the time of delivery of the 3-month sample kit for partial line replacement locations.

If any post-construction sample comes back over 50 ppb (partial line or full line replacement), in addition to the above notifications, Pittsburgh Water mobilizes to the property to assist with flushing the service line. In these instances, the resident is given a sample kit and asked to collect a new water sample following the flush to ensure that the flushing was effective in reducing the post-construction lead levels.

If a resident did not return their water sample after any partial line replacement, the resident receives a second notice via door hanger reminder to return their sample kit.

Post-construction sample results (partial line and full line replacement) are provided in Attachment B. From July 1, 2016 through January 31, 2025, 12,190 public lead service lines have been replaced. Post-construction samples have been returned from 5,001 of those locations. From November 1, 2024 – January 31, 2025 (this quarterly progress report reporting period) 363 public lead service lines were replaced. None of those locations have returned a post-construction sample as of the time of this report because the sample kits will not be provided until between three and six months after completion of the LSLR.

#### **Section 4 - Partial Lead Service Line Replacements**

25 Pa. Code § 109.1107(d)(4)(i) provides: *The system shall provide notice to residents of all buildings served by the line at least 45 days prior to commencing partial line replacement.* Paragraph 3.a.i. of the COA provides that Pittsburgh Water *shall provide (via door hanger notification) an additional advance notification not more than five (5) days and not less than seventy-two (72) hours prior to the initiation of*



work. Except for emergency lead service line replacements, Pittsburgh Water provides the required notifications.

Per PUC Order, effective April 4, 2021 partial service line replacements are no longer authorized. If the homeowner does not sign an agreement to allow Pittsburgh Water to replace their lead private side service line, they will be subject to termination of water service. When possible, Pittsburgh Water Operations will provide temporary water service from the new public side service line until the private service line can be replaced to avoid termination.

In accordance with paragraph 3.a.v. of the COA, Pittsburgh Water provides PADEP a weekly report of all emergency partial lead service line replacements where a 45-day notification in accordance with 25 Pa. Code § 109.1107(d)(4)(i) was not possible. After June 22, 2017, the only replacements not receiving the 45-day notification are those that were replaced due to an emergency such as a main break, service line break, or service line leak.

Residents of all locations receiving lead service line replacements are provided with RMMs including information to flush the service line, a NSF-certified water filter pitcher and 6-month supply of filter cartridges, a post-construction water sample kit within three to six months, and health information regarding lead service line replacement. Locations where a partial replacement is performed are provided a sample kit within 72 hours of replacement and are also given a door hanger reminder to return the post-construction water sample kit if Pittsburgh Water has not received the water sample results six weeks after construction.

## **Section 5 - Implementation of Community Environmental Project (CEP)**

The CEP was conducted in accordance with the PADEP approval dated February 15, 2018 and subsequent revisions to the approval. Construction associated with the CEP portion of the Individual Lead Service Line Replacement (ILSLR) contract was initiated in mid-December 2018 and approximately \$1.81 million was spent by the end of January 2021, successfully completing the CEP Program.

Pittsburgh Water considers the CEP program extremely successful, and a cornerstone of our commitment to our low-income customers. Through this program we qualified and received agreements from 730 customers throughout our water service area. The \$1.8 million in CEP funding has provided for the replacement of over 382 private lead service lines – well above our initial goal of the program of working at about 400 homes and replacing 200 private lead service lines.

## **Section 6 - Identification of Lead Service Lines**

On December 24, 2020, Pittsburgh Water submitted a Supplemental Materials Evaluation report as required by Paragraph 3.c.iii of the COA. This multi-year effort consisted of a comprehensive evaluation of all available methods for service line identification detailed in the July 31, 2019 Revised Service Line Material Inventory Approach approved by PADEP on June 26, 2020. Another



supplemental materials evaluation was presented to the PADEP by December 31, 2022 in accordance with Paragraph 3.c.iv of the COA.

Pittsburgh Water has an ongoing process to continuously update the service line material inventory based on data collected through various programs and construction activities. The data is published to our website searchable by address, and that information is updated monthly.

Pittsburgh Water submitted an updated inventory on October 16, 2024 in accordance with the Lead and Copper Rule Revisions deadline of the same day. Pittsburgh Water delivered notification letters to customers by November 15, 2024.

On January 13, 2025 PADEP visited Pittsburgh Water to conduct a review of the submitted inventory data and records.

## **Section 7 - Lead Service Line Replacements**

Pittsburgh Water began recording lead service line replacements in February 2016. A table of all lead service line replacements since July 1, 2016 was included in earlier Progress Reports. Since the requirement for mandatory lead service line replacement has ended, this table has not been included in the quarterly report since August 15, 2020.

The Pittsburgh Water Board approved a lead service line replacement policy (included in the February 15, 2018 quarterly report) that if there is lead on the public side service line, allows Pittsburgh Water and Pittsburgh Water contractors to replace the private side of the service line, with homeowner authorization, if lead or galvanized iron has been confirmed. This Policy was updated by the Pittsburgh Water Board at their July 26, 2019 meeting to continue to offer no-cost private side lead or galvanized iron service line replacements when Pittsburgh Water replaces the public side, as well as expand the program of offering an income-based reimbursement program to customers who want to replace their private side lead or galvanized iron service lines when Pittsburgh Water is not replacing the public side.

From July 1, 2016 through January 31, 2025, 12,190 public lead and 8,911 private lead or private galvanized iron service lines have been replaced by Pittsburgh Water or a Pittsburgh Water contractor.

### ***Lead Service Line Replacements***

- Small Diameter Water Main Replacement Contracts

Pittsburgh Water service line replacement efforts include projects to replace small diameter water mains, and Pittsburgh Water is currently offering public and private service line replacement during the Small Diameter Water Main Replacement (SDWMR) contracts. The service line aspects of SDWMR programs will be similar to the LSLR program, with the difference being that all public service lines will be replaced, not only lead public service lines. Private lead and galvanized iron service lines will continue to be replaced at no direct cost to Pittsburgh Water customers with



homeowner authorization. The streets where the mains will be replaced include some priority lead areas and other locations with problematic mains.

**2022 SDWMR:** The 2022 SDWMR Program consists of the replacement of water mains to replace approximately 12 miles of water main and approximately 1,900 public and associated private lead services lines. Construction (other than final street restoration) on two of the three contracts is complete, and the third contract started in the summer of 2024.

**2023 SDWMR:** Pittsburgh Water received a PENNVEST award on October 17, 2024 consisting of \$5 million grant and \$64 million in loans. This funding will be used for approximately 1,600 LSLRs during the replacement of the aging water mains. Work is planned to begin July 2025.

**Water Relay:** In addition, Pittsburgh Water is providing public and private lead service line replacement, where necessary, under Water Relay work orders.

- Lead Service Line Replacement Contracts

Pittsburgh Water is offering full service line replacement during the LSLR contracts. Pittsburgh Water Policy for the LSLR Program dictates that private lead and galvanized iron service lines will be replaced at no direct cost to Pittsburgh Water customers with homeowner authorization, even at locations where the public side of the service line is verified as non-lead.

**2023A Neighborhood LSLR:** Pittsburgh Water received a PENNVEST award on January 12, 2023 consisting of \$9.7 million grant and \$3.7 million in loans. This funding was used to determine service line materials and replace LSLs at approximately 1,800 LSLRs at priority neighborhoods within the Pittsburgh Water service area. Work began in July 2023 and is substantially complete and in final closeout.

**2023B Neighborhood LSLR:** Pittsburgh Water received a PENNVEST award on July 19, 2023 consisting of \$10 million grant and \$4.6 million in loans. This funding will be used to determine service line materials and replace LSLs at approximately 1,200 LSLRs at priority neighborhoods within the Pittsburgh Water service area. Work started in March 2024.

**2024A Neighborhood LSLR:** Pittsburgh Water received a PENNVEST award on January 24, 2024 consisting of \$13.8 million grant and \$18.3 million in loans. This funding will be used to determine service line materials and replace LSLs at approximately 4,000 LSLRs at priority neighborhoods within the Pittsburgh Water service area. Work began in August 2024.

**2024B Neighborhood LSLR:** Pittsburgh Water received a PENNVEST award in August 2024 consisting of \$15.1 million in grant funds. This funding will be used to determine service line materials and replace LSLs at approximately 1,600 LSLRs at priority neighborhoods within the Pittsburgh Water service area. Work is planned to begin March 2025.

**2025A Neighborhood LSLR:** Pittsburgh Water received a PENNVEST award in January consisting of \$13 million in grant funds and \$13 million in loans. This funding will be used to



determine service line materials and replace LSLs at approximately 3,500 LSLRs at priority neighborhoods within the Pittsburgh Water service area. Work is planned to begin August 2025.

**Pittsburgh Water Operations/Urgent LSLR:** Pittsburgh Water has a construction contract to perform replacement of privately-owned lead service lines when Pittsburgh Water Operations performs urgent replacements as a result of emergency line breaks or leaks. This program initially began in early December 2018 and still continues. This is to prevent partial lead service line replacement caused by urgent public side replacement, and the private side replacement is completed at no cost to the customer.

Pittsburgh Water coordinates with customers that have a private side lead service line to replace the lead service line during urgent replacements. Per PUC order, effective April 4, 2021, partial service line replacements are no longer authorized. If the homeowner does not sign an agreement to allow Pittsburgh Water to replace their private side lead service line, they will be subject to termination of water service. When possible, Pittsburgh Water will provide temporary water service from the new public side service line until the private service line can be replaced to avoid termination.

## Section 8 - Advisory Committee

Pittsburgh Water formed a Community Lead Response Advisory Committee (CLRAC) consisting of interested parties to the Pennsylvania Utilities Commission (PUC) rate filing, representatives of local community groups and a public health expert, based on a tariff settlement with the PUC. The CLRAC has met regularly and is working with Pittsburgh Water to evaluate and advise Pittsburgh Water on recommended modifications to the LSLR Program. The primary purposes of the CLRAC are to provide consultation and feedback on Pittsburgh Water's LSLR Program and lead remediation efforts. All minutes of the CLRAC meetings are posted on the Pittsburgh Water website.

<https://www.pgh2o.com/your-water/lead-information/community-lead-response-advisory-committee>

Per PUC order, Pittsburgh Water is required to terminate service to customers when we replace a public side service line, the private side is lead or galvanized iron, and the customer does not agree to have Pittsburgh Water install a replacement private side service line. This requirement was effective in early April 2021.



**ATTACHMENT A**  
**CONSUMER TAP NOTICES: EXAMPLE LETTER**



## COMMUNITY LEAD RESPONSE



9/26/2023

L.B. Borne  
1303 Heberton St  
Pittsburgh, PA, 15206

Kit ID#: 1030203

**2023 Lead and Copper Notification**

Dear L.B. Borne,

Thank you for participating in the Pittsburgh Water and Sewer Authority's (PWSA) lead testing program. Your test kit is helping inform you and PWSA about the quality of our drinking water.

| Sample Id | Collected On           | Sample Bottle | Analyzed For | Result | Unit |
|-----------|------------------------|---------------|--------------|--------|------|
| 633879    | 09/10/2023<br>13:45:00 | 1             | Lead         | 2.01   | ppb  |
| 633879    | 09/10/2023<br>13:45:00 | 1             | Copper       | 92.8   | ppb  |

The results of the sample taken from 1303 Heberton St , Pittsburgh, PA 15206 are listed in the above table. The Environmental Protection Agency (EPA) lead action level is 15 ppb and the copper action level is 1300 ppb.

**What is the lead action level?**

The lead action level is an EPA drinking water standard that requires water service providers to take additional steps to control lead levels when they reach or exceed 15 ppb. We ask residents from our service area to submit samples to help us determine if our treatment methods are effective at reducing corrosion from lead pipes. If more than ten percent of the samples we collect exceed the lead action level of 15 ppb, we must take certain actions like replace lead service lines and explore alternative water treatment methods. It is important to remember that this is not a safety standard because there is no safe level of lead.

**What do my results mean?**

If the lead result listed above is 10 ppb or greater, you should have received a complimentary water filter pitcher and filters that are certified to remove lead delivered to the service address. If PWSA has previously provided you with a

Lead Help Desk:  
**412.255.8987**  
[LeadHelp@pgh2o.com](mailto:LeadHelp@pgh2o.com)

Resources:  
[pgh2o.com/lead-facts](https://pgh2o.com/lead-facts)

Stay Connected:  
🐦 [@pgh2o](https://twitter.com/pgh2o)

Penn Liberty Plaza I  
1200 Penn Avenue  
Pittsburgh PA 15222

**COMMUNITY LEAD RESPONSE**

complimentary water pitcher, you will receive additional replacement filters. Please call our water testing partner, 120 Water, at 800-674-7961 if you did not receive these.

If the lead test result is ND ppb (Not Detected), this indicates that the laboratory equipment was not able to detect lead in the water sample.

Completing a lead test is a good first step in understanding your water quality. To check further for sources of lead, you can test your household plumbing for lead using swabs, which you can find at most home improvement stores. You can also check our online map at [www.pgh2o.com/leadmap](http://www.pgh2o.com/leadmap) to see if your home has historical data on file indicating that lead pipe was used to build your service line.

If your lead test sample was not following a service line replacement, and you are interested in replacing your lead service line, PWSA's Lead Service Line Reimbursement Program offers up to 100% reimbursement and provides a minimum of a \$1,000 reimbursement based on a tiered income eligibility. PWSA will verify your income and determine the level of reimbursement you qualify for. Please contact **PGH2O Cares at 412-255-2457** to begin the reimbursement process.

**What are the health effects of lead and copper?**

According to EPA, "Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development."

According to the EPA, "Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's disease should consult their personal doctor."

**How does lead exposure happen?**

The Mayo Clinic states that most exposure to lead happens by ingesting paint chips or lead contaminated dust. There can also be lead in soil and drinking water. Lead enters drinking water through corrosion in lead pipes or plumbing materials. The primary source of lead in PWSA's system are the old water service lines that connect homes to the water main in the street. Our water mains are not made of lead, and there is no lead in our water when it leaves the water treatment facilities.

Copper is common in the environment. You may be exposed to copper by drinking water, breathing air, eating food, and by skin contact with soil, water and other copper-containing substances.

**What can I do to reduce lead in drinking water?**

Lead Help Desk:  
**412.255.8987**  
[LeadHelp@pgh2o.com](mailto:LeadHelp@pgh2o.com)

Resources:  
[pgh2o.com/lead-facts](http://pgh2o.com/lead-facts)

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**COMMUNITY LEAD RESPONSE**

If you know or suspect that you have lead service lines or plumbing, there are ways to reduce your exposure to lead in your drinking water:

- Run your water to flush out lead. If you haven't used your water for several hours, run your cold tap for one minute before using your water for cooking or drinking. If your home has a longer lead line, this may require flushing for a longer period of time. Using toilets, washing clothes, showering, or doing dishes before you drink from your tap are all ways that you can flush your water lines without wasting water.
- Use cold water for cooking and preparing baby formula. Lead dissolves more easily in hot water. Do not drink, cook with, or make baby formula using hot water.
- Do not boil water to remove lead. Boiling water does not remove or reduce lead exposure.
- Look for alternative sources or treatment of water. Purchase or use the provided NSF Water Filter that is certified to remove lead from your water. Customers can also choose to drink bottled water. Coupons for NSF Water Filters certified to remove lead are available at [lead.pgh2o.com](http://lead.pgh2o.com).
- Identify if your plumbing fixtures contain lead. Lead check swabs are available at hardware stores to help you detect lead on plumbing surfaces, such as solder and pipes. Consider replacing pipes and fixtures that contain lead. Contact us if you decide to replace your lead service line. Depending on your income, you may be eligible to have your lead water service line replaced at no cost.
- Get your child's blood tested. If you think that your child may have been exposed to lead, talk to your doctor about testing your child. Allegheny County requires all children to be tested for lead exposure at approximately 9-12 months and again at 24 months.

**What is being done?**

We are identifying and replacing thousands of lead service lines, with a goal of replacing all of the lead service lines in our system. As we identify the location of lead service lines, we make this information available to the public on our webpage at [lead.pgh2o.com](http://lead.pgh2o.com). Customers who want to replace their lead service lines on their own should contact our Lead Help Desk for more information about coordinating efforts.

**Where can I get more information?**

For more information, visit the PWSA lead website at [lead.pgh2o.com](http://lead.pgh2o.com) or call 412.255.8987.

Sincerely,

*William J. Pickering*

William Pickering | Chief Executive Officer



**ATTACHMENT B**  
**POST CONSTRUCTION SAMPLE RESULTS**  
**(Partial Line and Full Line Replacement Locations)**



| Construction Samples Report as of January 31, 2025 |                           |                    |        |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|---------------------------|--------------------|--------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public         | Work Order Private | House  | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5020086                                            | Upper Lawrenceville Relay | BLG                | 5309   | HOLMES ST      | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-07-05              | 2019-01-14               | Yes        |           |            |            | 9.5                   |                       | 2017-07-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020093                                            | Upper Lawrenceville Relay | BLG                | 5323   | HOLMES ST      | Lead                     | Lead Tailpiece            | Non-Lead                 | Copper Tailpiece          | 2016-07-08              | 2019-01-17               | Yes        |           |            |            | 7.9                   |                       | 2017-07-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078778                                            | Ops                       | BLG                | 3522   | SIMEN AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2016-07-11              | 2019-01-17               | Yes        | Emergency |            |            | 10.2                  |                       | 2019-01-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020622                                            | Upper Lawrenceville Relay | BLG                | 5331   | HOLMES ST      | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-07-12              | 2019-01-02               | Yes        |           |            |            | 108                   |                       | 2019-01-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017464                                            | Ops                       | BLG_01             | 428    | FISK ST        | Lead                     | Lead                      | PEX                      | Not Replaced              | 2016-07-12              |                          | Yes        | Emergency |            |            | 14                    |                       | 2017-07-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028213                                            | Ops                       | BLG_01             | 1012   | WINTERTON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2016-07-18              | 2019-05-31               | Yes        | Emergency |            |            | 17                    |                       | 2017-07-25    | 6.79                  |                       | 2019-06-25             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046129                                            | Ops                       | BLG                | 4221   | SHIELDS ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2016-07-19              | 2019-02-06               | Yes        | Emergency |            |            | ND                    |                       | 2019-02-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048521                                            | Ops                       | BLG                | 5264   | 2ND AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2016-07-21              | 2019-01-09               | Yes        | Emergency |            |            | ND                    |                       | 2019-01-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020213                                            | Upper Lawrenceville Relay | BLG                | 5109   | CARNEGIE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-07-25              | 2018-12-20               | Yes        |           |            |            | 6.3                   |                       | 2017-07-09    | ND                    |                       | 2019-01-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020285                                            | Upper Lawrenceville Relay | BLG_01             | 5108   | CARNEGIE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-07-25              | 2019-03-22               | Yes        |           |            |            | 17.2                  |                       | 2019-04-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020234                                            | Upper Lawrenceville Relay | BLG                | 5133   | CARNEGIE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-07-27              | 2018-12-20               | Yes        |           |            |            | 22                    |                       | 2017-07-09    | 19                    |                       | 2017-11-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020237                                            | Upper Lawrenceville Relay | BLG                | 5135   | CARNEGIE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2016-07-27              | 2018-12-19               | Yes        |           |            |            | 22                    |                       | 2017-07-02    | 10                    |                       | 2017-08-14             | ND                    |                       | 2018-12-21    |                       |                       |               |                       |                       |               |
| 5020233                                            | Upper Lawrenceville Relay | BLG                | 5131.5 | CARNEGIE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-07-27              | 2019-01-15               | Yes        |           |            |            | 3.2                   |                       | 2019-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020261                                            | Upper Lawrenceville Relay | BLG                | 5156   | CARNEGIE ST    | Lead                     | Lead                      | Non-Lead                 | Not Replaced              | 2016-08-02              |                          | Yes        |           |            |            | 4.8                   |                       | 2017-06-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019695                                            | Upper Lawrenceville Relay | BLG                | 5159   | CARNEGIE ST    | Lead                     | Lead Tailpiece            | Non-Lead                 | Copper Tailpiece          | 2016-08-03              | 2019-01-04               | Yes        |           |            |            | 2.5                   |                       | 2017-07-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070381                                            | Ops                       | A16_06             | 512    | ARMANDALE ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2016-08-03              | 2018-11-20               | Yes        | Emergency |            |            | 5.6                   |                       | 2017-07-13    | ND                    |                       | 2019-01-14             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006770                                            | Ops                       | BLG                | 525    | MELWOOD AVE    | Lead                     | PEX                       | PEX                      | Not Replaced              | 2016-08-04              |                          | No         | Emergency |            |            | 5.4                   |                       | 2017-07-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019697                                            | Upper Lawrenceville Relay | BLG                | 5163   | CARNEGIE ST    | Lead                     | Lead                      | Copper                   | Copper                    | 2016-08-04              | 2018-12-19               | Yes        |           |            |            | 4                     |                       | 2017-07-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019696                                            | Upper Lawrenceville Relay | BLG                | 5161.5 | CARNEGIE ST    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2016-08-04              | 2018-12-19               | Yes        |           |            |            | 2.6                   |                       | 2017-07-01    | ND                    |                       | 2019-01-07             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019700                                            | Upper Lawrenceville Relay | BLG                | 5165   | CARNEGIE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-08-05              | 2019-03-05               | Yes        |           |            |            | ND                    |                       | 2019-05-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051908                                            | Ops                       | BLG                | 2300   | PRIMROSE ST    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2016-08-05              | 2019-01-22               | Yes        | Emergency |            |            | 2.2                   |                       | 2019-01-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075090                                            | Ops                       | BLG                | 17     | DUNLAP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2016-08-08              | 2019-02-06               | Yes        | Emergency |            |            | ND                    |                       | 2019-03-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028480                                            | Ops                       | BLG                | 6395   | STANTON AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2016-08-08              | 2019-02-11               | Yes        | Emergency |            |            | ND                    |                       | 2017-11-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004258                                            | Ops                       | BLG_01             | 3103   | NIAGARA ST     | Lead                     | Lead                      | PEX                      | Not Replaced              | 2016-08-12              |                          | Yes        | Emergency |            |            | 98                    |                       | 2017-07-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041493                                            | Ops                       | BLG                | 7220   | MEADE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2016-08-19              | 2019-01-09               | Yes        | Emergency |            |            | 27                    |                       | 2017-07-08    | 13                    |                       | 2017-08-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044460                                            | Ops                       | BLG                | 1222   | LANCASTER AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2016-08-25              | 2019-01-03               | Yes        | Emergency |            |            | ND                    |                       | 2017-09-02    | 11.8                  |                       | 2019-01-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059590                                            | Ops                       | A01_03             | 125    | TUSCULA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2016-08-30              | 2018-05-16               | Yes        | Emergency |            |            | ND                    |                       | 2018-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051624                                            | Ops                       | BLG_01             | 7      | HOLT ST        | Lead                     | Lead                      | PEX                      | Not Replaced              | 2016-09-01              |                          | Yes        | Emergency |            |            | 8.6                   |                       | 2017-07-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071007                                            | Ops                       | A16_06             | 1415   | BUENA VISTA ST | Lead                     | Lead                      | PEX                      | Copper                    | 2016-09-02              | 2018-11-30               | Yes        | Emergency |            |            | 58                    |                       | 2017-07-09    | 2.6                   |                       | 2018-11-09             | ND                    |                       | 2018-12-02    |                       |                       |               |                       |                       |               |
| 5072382                                            | Ops                       | BLG                | 2329   | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2016-09-08              | 2019-01-14               | Yes        | Emergency |            |            | 7                     |                       | 2019-01-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050529                                            | Ops                       | A14_03             | 2118   | SIDNEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2016-09-08              |                          | No         | Emergency |            |            | ND                    |                       | 2018-09-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072381                                            | Ops                       | BLG                | 2331   | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2016-09-09              | 2019-01-17               | Yes        | Emergency |            |            | 338                   |                       | 2019-01-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022995                                            | Upper Lawrenceville Relay | BLG                | 5430   | KEYSTONE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-09-13              | 2019-01-28               | Yes        |           |            |            | 9.2                   |                       | 2017-08-02    | ND                    |                       | 2019-02-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022988                                            | Upper Lawrenceville Relay | BLG                | 5431   | KEYSTONE ST    | Lead                     | Lead                      | Non-Lead                 | Copper                    | 2016-09-14              | 2019-01-28               | Yes        |           |            |            | 1.81                  |                       | 2019-01-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012500                                            | Maryland Avenue Relay     | BLG_01             | 911    | MARYLAND AVE   | Lead                     | Lead                      | Copper                   | Not Replaced              | 2016-09-15              |                          | Yes        |           |            |            | 11                    |                       | 2017-07-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040277                                            | Ops                       | BLG                | 201    | ELYSIAN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2016-09-15              | 2019-01-02               | Yes        | Emergency |            |            | 8.9                   |                       | 2019-01-03    | 10.3                  |                       | 2019-01-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012501                                            | Maryland Avenue Relay     | BLG_01             | 915    | MARYLAND AVE   | Lead                     | Lead                      | Copper                   | Copper                    | 2016-09-15              | 2019-08-19               | Yes        |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5058813                                            | A02_02            | A02_02             | 185   | BELONDA ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-06-26              |                          | No         |           |            |            | 12                    |                       | 2017-06-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080514                                            | Ops               |                    | 3810  | WEALTH ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-06-27              |                          | No         | Emergency |            |            | 11                    |                       | 2017-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050570                                            | Ops               | A14_03             | 2330  | SIDNEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-06-27              |                          | No         | Emergency |            |            | ND                    |                       | 2018-10-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012416                                            | Ops               | Ops                | 5723  | KENTUCKY AVE   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-07-05              |                          | No         | Emergency |            |            | 31                    |                       | 2018-08-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033349                                            | Ops               | BLG_01             | 7225  | RACE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2017-07-12              | 2019-05-14               | Yes        | Emergency |            |            | ND                    |                       | 2017-07-15    | 24                    |                       | 2017-10-05             | 4                     |                       | 2018-03-08    | 7.25                  |                       | 2019-05-20    |                       |                       |               |
| 5051699                                            | Ops               |                    | 2609  | STELLA ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-07-13              |                          | No         | Emergency |            |            | 34                    |                       | 2017-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003596                                            | Ops-Unlisted      | BLG_02             | 2701  | 5TH AVE        | Lead                     | Lead                      | PEX                      | Not Replaced              | 2017-07-13              |                          | Yes        | Emergency |            |            | 12                    |                       | 2017-07-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071736                                            | Ops               |                    | 2451  | SNYDER ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-07-14              |                          | No         | Emergency |            |            | 200                   |                       | 2017-07-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018128                                            | Ops               | A07_07             | 140   | 47TH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2017-07-14              | 2018-08-23               | Yes        | Emergency |            |            | 19                    |                       | 2017-08-03    | 3.9                   |                       | 2017-10-26             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080504                                            | Ops               |                    | 3815  | WEALTH ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-07-17              |                          | No         | Emergency |            |            | 2.3                   |                       | 2017-07-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036554                                            | Ops               |                    | 1444  | BEECHWOOD BLVD | Lead                     | PEX                       | PEX                      | Not Replaced              | 2017-07-17              |                          | No         | Emergency |            |            | 3.4                   |                       | 2017-07-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067719                                            | Ops               | BLG                | 1038  | GOEHRING ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2017-07-19              | 2019-01-29               | Yes        | Emergency |            |            | 47                    |                       | 2017-07-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061204                                            | A04_04            | A04_04             | 607   | SOUTHERN AVE   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-07-19              |                          | No         |           |            |            | 6.1                   |                       | 2017-07-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122671                                            | Ops               | BLG                | 920   | HANSEN STREET  | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2017-08-07              | 2019-02-28               | Yes        | Emergency |            |            | 31.4                  |                       | 2019-03-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037861                                            | Ops               |                    | 5870  | HOBART ST      | Lead                     | PEX                       | PEX                      | Not Replaced              | 2017-08-08              |                          | No         | Emergency |            |            | 2                     |                       | 2018-01-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061666                                            | A04_04            | A04_04             | 666   | BOGGS AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-08-09              |                          | No         |           |            |            | 7.6                   |                       | 2017-08-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074364                                            | A03_01            | A03_01             | 27    | RADIUM ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-08-16              |                          | No         |           |            |            | ND                    |                       | 2017-08-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004354                                            | Ops               | BLG_01             | 3317  | NIAGARA ST     | Lead                     | Lead                      | PEX                      | Not Replaced              | 2017-08-22              |                          | Yes        | Emergency |            |            | 22                    |                       | 2017-11-01    | 9.1                   |                       | 2017-12-14             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031912                                            | Ops               | BLG                | 6939  | CHAUCER ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-08-23              |                          | No         | Emergency |            |            | ND                    |                       | 2017-09-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058900                                            | Ops               | BLG_01             | 110   | WILBERT ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2017-08-24              | 2019-06-25               | Yes        | Emergency |            |            | 28                    |                       | 2017-08-28    | 8.9                   |                       | 2017-10-12             | ND                    |                       | 2019-08-12    |                       |                       |               |                       |                       |               |
| 5038329                                            | A05_05            | A05_05             | 5842  | PHILLIPS AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2017-08-24              | 2018-05-03               | Yes        |           |            |            | 53                    |                       | 2017-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014716                                            | Ops               |                    | 4811  | CYPRESS ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-08-24              |                          | No         | Emergency |            |            | 5.6                   |                       | 2017-08-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060537                                            | Ops               | BLG                | 320   | SWEETBRIAR ST  | Lead                     | Lead                      | PEX                      | Not Replaced              | 2017-08-29              |                          | Yes        | Emergency |            |            | 230                   |                       | 2017-08-30    | 2.4                   |                       | 2017-11-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038429                                            | A05_05            | A05_05             | 5936  | PHILLIPS AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2017-08-30              | 2018-04-26               | Yes        |           |            |            | ND                    |                       | 2018-04-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006743                                            | A06_06            | A06_06             | 3487  | MILWAUKEE ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-08-31              |                          | No         |           |            |            | 10                    |                       | 2017-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028089                                            | Ops               | BLG                | 1225  | WINTERTON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2017-09-05              | 2019-01-22               | Yes        | Emergency |            |            | 15                    |                       | 2017-09-15    | 16                    |                       | 2018-08-31             | 4.82                  |                       | 2019-01-27    |                       |                       |               |                       |                       |               |
| 5038271                                            | A05_05            | A05_05             | 2307  | ELDRIDGE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2017-09-06              | 2018-05-15               | Yes        |           |            |            | 51                    |                       | 2017-09-20    | 26                    |                       | 2017-11-27             | ND                    |                       | 2018-10-10    |                       |                       |               |                       |                       |               |
| 5038253                                            | A05_05            | A05_05             | 2304  | ELDRIDGE ST    | Lead                     | Lead                      | PEX                      | PEX                       | 2017-09-06              | 2017-09-06               | No         |           |            |            | ND                    |                       | 2017-11-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006750                                            | A06_06            | A06_06             | 3455  | MILWAUKEE ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-09-06              |                          | No         |           |            |            | 3.4                   |                       | 2017-09-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007045                                            | A06_06            | A06_06             | 816   | ADELAIDE ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-09-08              |                          | No         |           |            |            | 10                    |                       | 2017-09-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038266                                            | A05_05            | A05_05             | 2319  | ELDRIDGE ST    | PEX                      | Lead                      | PEX                      | Copper                    | 2017-09-11              | 2018-05-18               | Yes        |           |            |            | 29                    |                       | 2017-09-20    | 22                    |                       | 2017-11-03             | 2.4                   |                       | 2018-07-30    |                       |                       |               |                       |                       |               |
| 5025170                                            | Ops               | BLG                | 5575  | HAMPTON ST     | Lead                     | Lead                      | PEX                      | Not Replaced              | 2017-09-12              |                          | Yes        | Emergency |            |            | 2200                  |                       | 2017-09-13    | 17                    |                       | 2017-10-09             | 9                     |                       | 2018-01-26    |                       |                       |               |                       |                       |               |
| 5038859                                            | A05_05            | A05_05             | 2340  | ELDRIDGE ST    | Lead                     | Lead                      | PEX                      | Not Replaced              | 2017-09-12              |                          | Yes        |           |            |            | 2.9                   |                       | 2018-04-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038882                                            | A05_05            | A05_05             | 2339  | ELDRIDGE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2017-09-13              | 2018-05-11               | Yes        |           |            |            | 24                    |                       | 2017-10-01    | 31                    |                       | 2018-06-06             | 9.5                   |                       | 2018-08-14    |                       |                       |               |                       |                       |               |
| 5079482                                            | Ops               |                    | 3126  | FREDERICK ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-09-14              |                          | No         | Emergency |            |            | 43                    |                       | 2017-09-17    | ND                    |                       | 2017-10-18             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067576                                            | Ops               | BLG                | 1518  | COMPROMISE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2017-09-14              | 2018-12-18               | Yes        | Emergency |            |            | ND                    |                       | 2018-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012191                                            | Ops               | BLG                | 330   | HALLMAN ST     | Lead                     | Lead                      | PEX                      | Not Replaced              | 2017-09-15              |                          | Yes        | Emergency |            |            | 8.8                   |                       | 2017-09-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036715                                            | Ops               |                    | 5639  | MARLBOROUGH RD | Lead                     | Copper                    | PEX                      | Not Replaced              | 2017-09-18              |                          | No         | Emergency |            |            | 10                    |                       | 2017-11-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |        |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|--------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House  | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5078744                                            | Ops               |                       | 3531   | DIPLOMA ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-02-09              |                          | No         | Emergency |            |            | 2.1                   |                       | 2018-03-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031398                                            | Ops               | BLG                   | 1330   | OLIVANT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-02-14              | 2019-02-27               | Yes        | Emergency |            |            | 15                    |                       | 2018-03-12    | ND                    |                       | 2019-04-15             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076616                                            | Ops               | BLG                   | 2819   | BREKER ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-02-14              | 2019-02-15               | Yes        | Emergency |            |            | 1.53                  |                       | 2019-02-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022480                                            | Ops               |                       | 5416.5 | DRESDEN WAY     | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-02-21              |                          | No         | Emergency |            |            | 21                    |                       | 2018-02-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037870                                            | Ops               | BLG                   | 5919   | DOUGLAS ST      | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-02-23              |                          | Yes        | Emergency |            |            | 20                    |                       | 2018-02-26    | 18                    |                       | 2018-07-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013696                                            | Ops               | BLG                   | 5324   | CORAL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-02-23              | 2019-01-11               | Yes        | Emergency |            |            | 6.8                   |                       | 2018-02-28    | ND                    |                       | 2019-01-22             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010057                                            | Ops               | BLG                   | 5438   | CLAYBOURNE ST   | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-02-26              |                          | Yes        | Emergency |            |            | 12                    |                       | 2018-03-19    | 2.3                   |                       | 2018-04-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048257                                            | Ops               | BLG                   | 5126   | CHAPLAIN WAY    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-02-28              | 2018-12-11               | Yes        | Emergency |            |            | 5                     |                       | 2018-03-24    | ND                    |                       | 2019-01-04             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071030                                            | Ops               |                       | 325    | JACKSONIA ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-03-06              |                          | No         | Emergency |            | Yes        | 6.8                   |                       | 2018-03-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072912                                            | Ops               | BLG                   | 6      | MAUCH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-03-07              | 2018-12-13               | Yes        | Emergency |            |            | 6                     |                       | 2018-03-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002842                                            | Ops               | BLG                   | 221    | DUNSEITH ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-03-13              | 2018-12-06               | Yes        | Emergency |            |            | 30                    |                       | 2018-03-13    | 4                     |                       | 2018-07-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024428                                            | Ops               | BLG                   | 1627   | CHISLETT ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-03-14              | 2018-12-04               | Yes        | Emergency |            |            | 5.4                   |                       | 2018-03-15    | 2.1                   |                       | 2019-01-28             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058007                                            | Ops               | BLG                   | 300    | BIGHAM ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-03-15              | 2019-01-29               | Yes        | Emergency |            |            | ND                    |                       | 2019-02-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030285                                            | Ops               |                       | 6637   | SHETLAND AVE    | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-03-15              |                          | No         | Emergency |            |            | 2                     |                       | 2018-03-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021212                                            | Ops               |                       | 5328   | CAMELIA ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-03-15              |                          | No         | Emergency |            |            | 7.1                   |                       | 2018-03-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045998                                            | Ops               |                       | 4308   | HALDANE ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-03-20              |                          | No         | Emergency |            |            | 290                   |                       | 2018-03-20    | ND                    |                       | 2018-04-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055179                                            | Ops               |                       | 1835   | ARLINGTON AVE   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2018-03-23              | 2019-02-05               | Yes        | Emergency |            |            | 1.39                  |                       | 2019-02-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061404                                            | Ops               |                       | 239    | ALBERT ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-03-23              |                          | No         | Emergency |            |            | 2                     |                       | 2018-03-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024294                                            | Ops               | A17_07                | 1433   | MORNINGSIDE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-03-24              |                          | No         | Emergency |            |            | ND                    |                       | 2018-11-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074709                                            | A03_01            | A03_01                | 202    | BONVUE ST       | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-03-29              |                          | Yes        |           |            |            | 480                   |                       | 2018-03-29    | 3.7                   |                       | 2018-04-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074710                                            | A03_01            | A03_01                | 204    | BONVUE ST       | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-03-30              |                          | Yes        |           |            |            | 15                    |                       | 2018-07-31    | 13.4                  |                       | 2019-11-11             | 10                    |                       | 2020-01-24    |                       |                       |               |                       |                       |               |
| 5058500                                            | A02_02            | A02_02                | 307    | BELONDA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-02              | 2018-04-02               | No         |           |            |            | 2.4                   |                       | 2018-04-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058501                                            | A02_02            | A02_02                | 305    | BELONDA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-02              | 2018-04-02               | No         |           |            |            | 4.4                   |                       | 2018-04-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028115                                            | Ops               | Private Reimbursement | 1212   | N SHERIDAN AVE  | Lead                     | Lead                      | Copper                   | Copper                    | 2018-04-02              | 2018-05-10               | Yes        | Emergency |            |            | ND                    |                       | 2018-04-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074435                                            | A03_01            | A03_01                | 111    | BONVUE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-05              | 2018-04-05               | No         |           |            |            | ND                    |                       | 2018-04-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074409                                            | A03_01            | A03_01                | 105    | WALDORF ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-05              | 2018-04-05               | No         |           |            |            | 8.8                   |                       | 2018-04-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074735                                            | A03_01            | A03_01                | 203    | BONVUE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-05              | 2018-04-05               | No         |           |            |            | 6.4                   |                       | 2018-04-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014403                                            | Ops               |                       | 357    | S GRAHAM ST     | Lead                     | PEX                       | PEX                      | Not Replaced              | 2018-04-06              |                          | No         | Emergency |            |            | ND                    |                       | 2018-04-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074697                                            | A03_01            | A03_01                | 229    | WALDORF ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-09              | 2018-04-09               | No         |           |            |            | ND                    |                       | 2018-04-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074704                                            | A03_01            | A03_01                | 115    | WALDORF ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-09              | 2018-04-09               | No         |           |            |            | ND                    |                       | 2018-04-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058491                                            | A02_02            | A02_02                | 312    | BELONDA ST      | Lead                     | Lead & Galvanized         | PEX                      | Copper                    | 2018-04-10              | 2018-04-10               | No         |           |            |            | 5.4                   |                       | 2018-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074733                                            | A03_01            | A03_01                | 211    | BONVUE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-10              | 2018-04-10               | No         |           |            |            | ND                    |                       | 2018-05-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074694                                            | A03_01            | A03_01                | 239    | WALDORF ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-10              | 2018-04-10               | No         |           |            |            | 6.9                   |                       | 2018-04-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028197                                            | Ops               |                       | 1130   | WINTERTON ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-04-10              |                          | No         | Emergency |            |            | 6                     |                       | 2018-04-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058801                                            | A02_02            | A02_02                | 468    | BELONDA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-10              | 2018-04-10               | No         |           |            |            | ND                    |                       | 2018-04-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074685                                            | A03_01            | A03_01                | 204    | WALDORF ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-11              | 2018-04-11               | No         |           |            |            | ND                    |                       | 2018-04-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058811                                            | A02_02            | A02_02                | 189    | BELONDA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-12              | 2018-04-12               | No         |           |            |            | 16                    |                       | 2018-04-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058536                                            | A02_02            | A02_02                | 331    | KEARSARGE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-04-13              | 2018-04-13               | No         |           |            |            | ND                    |                       | 2018-04-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                  |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street           | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5007026                                            | A06_06            | A06_06             | 3426      | MILWAUKEE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-05              | 2018-06-05               | No         |           |            |            | 4                     |                       | 2018-06-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056467                                            | A01_03            | A01_03             | 433       | E WARRINGTON AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-06              |                          | No         |           |            |            | 42                    |                       | 2018-06-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043696                                            | Ops               |                    | 7437      | BEN HUR ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-06              |                          | No         | Emergency |            |            | ND                    |                       | 2018-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006976                                            | A06_06            | A06_06             | 3374      | MILWAUKEE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-06              | 2018-06-06               | No         |           |            |            | 5                     |                       | 2018-06-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075650                                            | A11_01            | A11_01             | 4139      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-06              | 2018-06-06               | No         |           |            |            | ND                    |                       | 2018-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058864                                            | A02_02            | A02_02             | 516       | NATCHEZ ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-07              | 2019-06-07               | Yes        |           |            |            | 19                    |                       | 2018-06-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075653                                            | A11_01            | A11_01             | 4133      | FRANKLIN RD      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-07              |                          | No         |           |            |            | ND                    |                       | 2018-09-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075652                                            | A11_01            | A11_01             | 4135      | FRANKLIN RD      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-07              |                          | No         |           |            |            | 84                    |                       | 2018-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038305                                            | A05_05            | A05_05             | 5837      | NICHOLSON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-08              | 2018-06-08               | No         |           |            |            | ND                    |                       | 2018-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006744                                            | A06_06            | A06_06             | 3483      | MILWAUKEE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-08              | 2018-06-08               | No         |           |            |            | 7                     |                       | 2018-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074388                                            | A11_01            | A11_01             | 4008      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-08              | 2018-06-08               | No         |           |            |            | 4                     |                       | 2018-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061612                                            | A04_04            | A04_04             | 724       | BOGGS AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-11              | 2018-06-11               | No         |           |            |            | 1.55                  |                       | 2019-08-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061667                                            | A04_04            | A04_04             | 656       | BOGGS AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-11              | 2018-06-11               | No         |           |            |            | ND                    |                       | 2018-06-11    | 318                   |                       | 2018-07-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5005205                                            | Ops               |                    | 3731      | CHILDS ST        | Lead                     | PEX                       | PEX                      | Not Replaced              | 2018-06-12              |                          | No         | Emergency |            |            | 17                    |                       | 2018-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038451                                            | A05_05            | A05_05             | 5905      | NICHOLSON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | 42                    |                       | 2018-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007363                                            | A06_06            | A06_06             | 764       | BRYN MAWR RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | 14                    |                       | 2018-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007360                                            | A06_06            | A06_06             | 758       | BRYN MAWR RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | 11                    |                       | 2018-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038459                                            | A05_05            | A05_05             | 5910-5912 | NICHOLSON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | 4                     |                       | 2018-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061707                                            | A04_04            | A04_04             | 703       | BOGGS AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | 8                     |                       | 2018-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061626                                            | A04_04            | A04_04             | 709       | SOUTHERN AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | ND                    |                       | 2018-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038457                                            | A05_05            | A05_05             | 5906      | NICHOLSON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-12              | 2018-06-12               | No         |           |            |            | ND                    |                       | 2018-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036635                                            | Ops               |                    | 5517      | AVLESBORO AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-13              |                          | No         | Emergency |            |            | 11                    |                       | 2018-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006965                                            | A06_06            | A06_06             | 765       | BRYN MAWR RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-13              | 2018-06-13               | No         |           |            |            | 62                    |                       | 2018-06-15    | 9                     |                       | 2018-09-04             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028896                                            | Ops               | BLG                | 1244      | ALBUM ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-13              | 2018-12-12               | Yes        | Emergency |            |            | 16                    |                       | 2018-06-14    | ND                    |                       | 2018-11-08             | ND                    |                       | 2018-12-14    |                       |                       |               |                       |                       |               |
| 5056158                                            | A13_03            | A13_03             | 54        | HARWOOD ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-13              | 2018-06-13               | No         |           |            |            | ND                    |                       | 2018-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075657                                            | A11_01            | A11_01             | 4125      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-13              | 2018-06-13               | No         |           |            |            | 4                     |                       | 2018-06-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075656                                            | A11_01            | A11_01             | 4127      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-13              | 2018-06-13               | No         |           |            |            | ND                    |                       | 2018-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061215                                            | A04_04            | A04_04             | 1         | LELIA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-14              | 2018-06-14               | No         |           |            |            | 14                    |                       | 2018-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056169                                            | A13_03            | A13_03             | 67        | HARWOOD ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-14              |                          | No         |           |            |            | 4                     |                       | 2018-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075699                                            | A11_01            | A11_01             | 4038      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-14              | 2018-06-14               | No         |           |            |            | 6                     |                       | 2018-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056153                                            | A13_03            | A13_03             | 42        | HARWOOD ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-06-14              |                          | No         |           |            |            | 4                     |                       | 2018-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007046                                            | A06_06            | A06_06             | 818       | ADELAIDE ST      | Lead                     | Lead                      | Copper                   | Copper                    | 2018-06-15              | 2018-06-15               | No         |           |            |            | ND                    |                       | 2018-06-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006958                                            | A06_06            | A06_06             | 732       | BRYN MAWR RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-15              | 2018-06-15               | No         |           |            |            | 4                     |                       | 2018-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061194                                            | A04_04            | A04_04             | 612       | SOUTHERN AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-15              | 2018-06-15               | No         |           |            |            | ND                    |                       | 2018-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075675                                            | A11_01            | A11_01             | 4120      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-15              | 2018-06-15               | No         |           |            |            | ND                    |                       | 2018-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075678                                            | A11_01            | A11_01             | 4126      | FRANKLIN RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-16              | 2018-06-16               | No         |           |            |            | 4                     |                       | 2018-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061560                                            | A04_04            | A04_04             | 652       | SOUTHERN AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-18              | 2018-06-18               | No         |           |            |            | 24                    |                       | 2018-06-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038444                                            | A05_05            | A05_05             | 2284      | SHADY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-06-18              | 2018-06-18               | No         |           |            |            | 5                     |                       | 2018-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5042209                                            | A08_08            | A08_08             | 6632      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-11              | 2018-07-11               | No         |           |            |            | ND                    |                       | 2018-08-22    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075494                                            | A11_01            | A11_01             | 56        | PERRYVIEW AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-11              |                          | No         |           |            |            | ND                    |                       | 2018-07-16    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049580                                            | A15_05_B          | A15_05_B           | 935       | LILAC ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-12              |                          | No         |           |            |            | 7                     |                       | 2018-07-17    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075492                                            | A11_01            | A11_01             | 104       | PERRYVIEW AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-12              | 2018-07-12               | No         |           |            |            |                       |                       | 2018-07-18    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056400                                            | A13_03            | A13_03             | 52        | LACLEDE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-12              | 2018-07-12               | No         |           |            |            | 14                    |                       | 2018-07-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049561                                            | A15_05_B          | A15_05_B           | 969       | LILAC ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-13              | 2018-07-13               | No         |           |            |            | 5                     |                       | 2018-07-14    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041960                                            | A08_08            | A08_08             | 6625      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-13              | 2018-07-13               | No         |           |            |            | ND                    |                       | 2018-07-14    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049562                                            | A15_05_B          | A15_05_B           | 967       | LILAC ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-13              | 2018-07-13               | No         |           |            |            | 18                    |                       | 2018-07-18    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050041                                            | A15_05_B          | A15_05_B           | 4155      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-16              | 2018-07-16               | No         |           |            |            | 5                     |                       | 2018-07-17    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041959                                            | A08_08            | A08_08             | 6623      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-16              | 2018-07-16               | No         |           |            |            | 9                     |                       | 2018-08-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056393                                            | A13_03            | A13_03             | 701       | LACLEDE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-16              | 2018-07-16               | No         |           |            |            | 16                    |                       | 2018-07-19    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075460                                            | A11_01            | A11_01             | 20        | PERRYVIEW AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-16              | 2018-07-16               | No         |           |            |            | 7                     |                       | 2018-08-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020138                                            | Ops               |                    | 5238      | LOTUS WAY         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-17              |                          | No         | Emergency |            |            | ND                    |                       | 2018-07-19    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056392                                            | A13_03            | A13_03             | 74        | LACLEDE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-17              | 2018-07-17               | No         |           |            |            | 9                     |                       | 2018-07-20    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042194                                            | A08_08            | A08_08             | 6609      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-17              | 2018-07-17               | No         |           |            |            | 10                    |                       | 2018-07-19    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049627                                            | A15_05_B          | A15_05_B           | 4142      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-17              | 2018-07-17               | No         |           |            |            | 9                     |                       | 2018-07-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056371                                            | A13_03            | A13_03             | 57        | HABERMAN AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-17              | 2018-07-17               | No         |           |            |            | 9                     |                       | 2018-07-18    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056270                                            | A13_03            | A13_03             | 55        | HABERMAN AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-18              | 2018-07-18               | No         |           |            |            | 18                    |                       | 2018-07-23    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042217                                            | A08_08            | A08_08             | 6556      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-18              | 2018-07-18               | No         |           |            |            | 6                     |                       | 2018-07-23    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049628                                            | A15_05_B          | A15_05_B           | 4138      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-18              | 2018-07-18               | No         |           |            |            | 17                    |                       | 2018-07-22    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049732                                            | A15_05_B          | A15_05_B           | 4143      | WINDSOR ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-18              |                          | No         |           |            |            | ND                    |                       | 2018-07-21    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059219                                            | A12_02            | A12_02             | 217       | CAIRO ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-18              | 2018-07-18               | No         |           |            |            | 2.48                  |                       | 2019-04-02    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042238                                            | A08_08            | A08_08             | 6605      | DALZELL PL        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-19              | 2018-07-19               | No         |           |            |            | 10                    |                       | 2018-07-21    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042208                                            | A08_08            | A08_08             | 6634      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-19              | 2018-07-19               | No         |           |            |            | ND                    |                       | 2018-07-20    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042207                                            | A08_08            | A08_08             | 6636      | NORTHUMBERLAND ST | Lead                     | Copper                    | PEX                      | Copper                    | 2018-07-19              |                          | No         |           |            |            | ND                    |                       | 2018-07-21    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075461                                            | A11_01            | A11_01             | 203       | PERRYVIEW AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-19              | 2018-07-19               | No         |           |            |            | 7                     |                       | 2018-07-23    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057573                                            | A13_03            | A13_03             | 101       | HABERMAN AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-19              |                          | No         |           |            |            | 4                     |                       | 2018-07-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058873                                            | A12_02            | A12_02             | 231       | CAIRO ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-19              |                          | No         |           |            |            | ND                    |                       | 2018-07-22    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049730                                            | A15_05_B          | A15_05_B           | 4137      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-20              | 2018-07-20               | No         |           |            |            | ND                    |                       | 2018-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041962                                            | A08_08            | A08_08             | 6637-6639 | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-20              | 2018-07-20               | No         |           |            |            | 5                     |                       | 2018-07-21    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049729                                            | A15_05_B          | A15_05_B           | 4133      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-20              | 2018-07-20               | No         |           |            |            | ND                    |                       | 2018-07-25    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041967                                            | A08_08            | A08_08             | 6657      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-20              | 2018-07-20               | No         |           |            |            | 16                    |                       | 2018-07-22    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5015025                                            | Ops               | BLG                | 426       | S GRAHAM ST       | Lead                     | Copper                    | PEX                      | Copper                    | 2018-07-23              | 2018-12-21               | No         | Emergency |            |            | 19                    |                       | 2018-07-26    | 4.6                   |                       | 2019-01-11            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008637                                            | Ops               |                    | 3442      | MELWOOD AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-23              |                          | No         | Emergency |            |            | ND                    |                       | 2018-07-28    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049735                                            | A15_05_B          | A15_05_B           | 4151      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-23              | 2018-07-23               | No         |           |            |            | ND                    |                       | 2018-07-25    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049728                                            | A15_05_B          | A15_05_B           | 4127      | WINDSOR ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-23              |                          | No         |           |            |            | 52                    |                       | 2018-07-24    | 25.3                  |                       | 2019-09-04            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042003                                            | A08_08            | A08_08             | 6611      | RIDGEVILLE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-23              | 2018-07-23               | No         |           |            |            | 99                    |                       | 2018-07-25    | 6                     |                       | 2018-08-21            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057582                                            | A13_03            | A13_03             | 125       | HABERMAN AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-23              | 2018-07-23               | No         |           |            |            | ND                    |                       | 2018-08-16    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056376                                            | A13_03            | A13_03             | 71        | HABERMAN AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-24              |                          | No         |           |            |            | ND                    |                       | 2018-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041968                                            | A08_08            | A08_08             | 6659      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-24              | 2018-07-24               | No         |           |            |            | 4                     |                       | 2018-07-30    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041969                                            | A08_08            | A08_08             | 6663      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-24              | 2018-07-24               | No         |           |            |            | 8                     |                       | 2018-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056393                                            | A13_03            | A13_03             | 228       | RUXTON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-24              | 2018-07-24               | No         |           |            |            | ND                    |                       | 2018-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056369                                            | A13_03            | A13_03             | 53        | HABERMAN AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-24              | 2018-07-24               | No         |           |            |            | ND                    |                       | 2018-07-28    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049636                                            | A15_05_B          | A15_05_B           | 4110      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-24              | 2018-07-24               | No         |           |            |            | 2.89                  |                       | 2019-03-25    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042259                                            | A08_08            | A08_08             | 6628      | DALZELL PL        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-24              | 2018-07-24               | No         |           |            |            | 6                     |                       | 2018-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059235                                            | A12_02            | A12_02             | 136       | DILWORTH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-25              | 2018-07-25               | No         |           |            |            | 19                    |                       | 2018-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042001                                            | A08_08            | A08_08             | 6615 B    | RIDGEVILLE ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-25              |                          | No         |           |            |            | ND                    |                       | 2018-07-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007397                                            | Ops               | BLG                | 328       | BRYN MAWR RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-26              | 2018-12-05               | No         | Emergency |            |            | 14                    |                       | 2018-09-24    | 8.8                   |                       | 2019-01-04            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059232                                            | A12_02            | A12_02             | 126       | DILWORTH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-26              | 2018-07-26               | No         |           |            |            | ND                    |                       | 2018-08-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049723                                            | A15_05_B          | A15_05_B           | 4113      | WINDSOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-26              | 2018-07-26               | No         |           |            |            | 6                     |                       | 2018-09-18    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042197                                            | A08_08            | A08_08             | 6658      | NORTHUMBERLAND ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-26              |                          | No         |           |            |            | ND                    |                       | 2018-07-28    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075569                                            | A11_01            | A11_01             | 36        | BASCOM AVE        | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-07-26              |                          | Yes        |           |            |            | ND                    |                       | 2018-08-08    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042199                                            | A08_08            | A08_08             | 6660      | NORTHUMBERLAND ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-26              |                          | No         |           |            |            | 8                     |                       | 2018-07-27    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056276                                            | A13_03            | A13_03             | 428       | RUXTON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-26              | 2018-07-26               | No         |           |            |            | 12                    |                       | 2018-07-29    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042245                                            | A08_08            | A08_08             | 6631      | DALZELL PL        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-26              | 2018-07-26               | No         |           |            |            | 15                    |                       | 2018-07-28    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059223                                            | A12_02            | A12_02             | 614       | NATCHEZ ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-27              | 2018-07-27               | No         |           |            |            | 15                    |                       | 2018-08-04    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041970                                            | A08_08            | A08_08             | 6667      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-30              | 2018-07-30               | No         |           |            |            | 10                    |                       | 2018-08-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041971                                            | A08_08            | A08_08             | 6669      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-30              | 2018-07-30               | No         |           |            |            | ND                    |                       | 2018-07-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075575                                            | A11_01            | A11_01             | 60        | BASCOM AVE        | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-07-30              |                          | Yes        |           |            |            | 32                    |                       | 2018-08-02    | 2.48                  |                       | 2019-02-19            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041972                                            | A08_08            | A08_08             | 6673      | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2018-07-30              | 2018-07-30               | No         |           |            |            | 5                     |                       | 2018-08-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075573                                            | A11_01            | A11_01             | 52        | BASCOM AVE        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-30              |                          | No         |           |            |            | ND                    |                       | 2018-07-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075576                                            | A11_01            | A11_01             | 64        | BASCOM AVE        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-07-31              |                          | No         |           |            |            | 5                     |                       | 2018-08-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056342                                            | A13_03            | A13_03             | 224       | RUXTON ST         | Lead                     | Lead                      |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5035190                                            | Ops               | BLG_01             | 1126      | MURRAYHILL AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-17              | 2019-04-17               | Yes        | Emergency |            |            | 7.59                  |                       | 2019-02-03    | 6.31                  |                       | 2019-05-07             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060217                                            | Ops               |                    |           | SEWARD ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-17              |                          | No         | Emergency |            |            | ND                    |                       | 2018-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042295                                            | A08_08            | A08_08             | 6625      | AYLESBORO AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-17              | 2018-08-17               | No         |           |            |            | 5                     |                       | 2018-08-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049428                                            | A15_05_C          | A15_05_C           | 1041      | MIRROR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-17              | 2018-08-17               | No         |           |            |            | 6                     |                       | 2018-08-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049430                                            | A15_05_C          | A15_05_C           | 1045      | MIRROR ST      | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-08-17              |                          | Yes        |           |            |            | 18.6                  |                       | 2018-11-12    | ND                    |                       | 2019-02-04             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042033                                            | A08_08            | A08_08             | 6675      | RIDGEVILLE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-17              | 2018-08-17               | No         |           |            |            | ND                    |                       | 2018-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006645                                            | Ops               | BLG                | 3342      | RIDGEWAY ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-19              | 2019-02-25               | Yes        | Emergency |            |            | 30                    |                       | 2018-08-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049708                                            | A15_05_C          | A15_05_C           | 4026      | WINDSOR ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-20              | 2018-08-20               | No         |           |            |            | ND                    |                       | 2019-06-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018188                                            | A07_07            | A07_07             | 4635      | PLUMMER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-20              | 2018-08-20               | No         |           |            |            | ND                    |                       | 2018-08-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042249                                            | A08_08            | A08_08             | 6643      | DALZELL PL     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-20              | 2018-08-20               | No         |           |            |            | 2                     |                       | 2018-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042032                                            | A08_08            | A08_08             | 6671      | RIDGEVILLE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-20              | 2018-08-20               | No         |           |            |            | 8                     |                       | 2018-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018081                                            | A07_07            | A07_07             | 4737      | HATFIELD ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-20              |                          | No         |           |            |            | ND                    |                       | 2020-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075632                                            | A11_01            | A11_01             | 4040      | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-20              | 2018-08-20               | No         |           |            |            | ND                    |                       | 2018-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042235                                            | A08_08            | A08_08             | 6551      | DALZELL PL     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-21              | 2018-08-21               | No         |           |            |            | 8                     |                       | 2018-08-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042031                                            | A08_08            | A08_08             | 6667      | RIDGEVILLE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-21              | 2018-08-21               | No         |           |            |            | 4                     |                       | 2018-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042299                                            | A08_08            | A08_08             | 6659-6663 | AYLESBORO AVE  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-21              |                          | No         |           |            |            | 4                     |                       | 2018-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075633                                            | A11_01            | A11_01             | 4042      | PERRYVILLE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-21              |                          | No         |           |            |            | ND                    |                       | 2018-08-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041956                                            | A08_08            | A08_08             | 1457      | BARNESDALE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-22              | 2018-08-22               | No         |           |            |            | 6                     |                       | 2018-08-28    | ND                    |                       | 2018-09-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018186                                            | A07_07            | A07_07             | 4639      | PLUMMER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-22              | 2018-08-22               | No         |           |            |            | 4                     |                       | 2018-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049706                                            | A15_05_C          | A15_05_C           | 1048      | MIRROR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-22              | 2018-08-23               | No         |           |            | Yes        | 15                    |                       | 2018-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042297                                            | A08_08            | A08_08             | 6633      | AYLESBORO AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-22              | 2018-08-22               | No         |           |            |            | 8                     |                       | 2018-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018180                                            | A07_07            | A07_07             | 168       | 47TH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-22              | 2018-08-22               | No         |           |            |            | 13                    |                       | 2018-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018179                                            | A07_07            | A07_07             | 4634      | MODOC WAY      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-22              | 2018-08-22               | No         |           |            |            | 5                     |                       | 2018-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049704                                            | A15_05_C          | A15_05_C           | 1040      | MIRROR ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-22              |                          | No         |           |            |            | 10                    |                       | 2018-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078902                                            | Ops               | BLG                | 309       | DIPLOMA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-23              | 2019-01-29               | Yes        | Emergency |            |            | 2.02                  |                       | 2019-03-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018181                                            | A07_07            | A07_07             | 170       | 47TH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-23              | 2018-08-23               | No         |           |            |            | ND                    |                       | 2018-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042281                                            | A08_08            | A08_08             | 6527      | AYLESBORO AVE  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-23              |                          | No         |           |            |            | 12                    |                       | 2018-08-26    | 4                     |                       | 2018-09-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041974                                            | A08_08            | A08_08             | 6672      | RIDGEVILLE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-23              | 2018-08-23               | No         |           |            |            | 20                    |                       | 2018-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018590                                            | A07_07            | A07_07             | 187       | 47TH ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-23              |                          | No         |           |            |            | 570                   |                       | 2018-08-24    | ND                    |                       | 2018-12-05             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042275                                            | A08_08            | A08_08             | 6530      | DALZELL PL     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-24              | 2018-08-24               | No         |           |            |            | 15                    |                       | 2018-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018091                                            | A07_07            | A07_07             | 4715      | HATFIELD ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-24              |                          | No         |           |            |            | ND                    |                       | 2018-10-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041976                                            | A08_08            | A08_08             | 6666      | RIDGEVILLE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-24              | 2018-08-24               | No         |           |            |            | 4                     |                       | 2018-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042268                                            | A08_08            | A08_08             | 6600      | DALZELL PL     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-24              |                          | No         |           |            |            | 5.4                   |                       | 2018-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042279                                            | A08_08            | A08_08             | 6517      | AYLESBORO AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-24              | 2018-08-24               | No         |           |            |            | 14                    |                       | 2018-09-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042232                                            | A08_08            | A08_08             | 6541      | DALZELL PL     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-27              | 2018-08-27               | No         |           |            |            | 13                    |                       | 2018-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075637                                            | A11_01            | A11_01             | 4060      | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-08-27              |                          | Yes        |           |            |            | ND                    |                       | 2018-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075643                                            | A11_01            | A11_01             | 4128      | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-28              | 2018-08-28               | No         |           |            |            | 6                     |                       | 2018-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042272                                            | A08_08            | A08_08             | 6538      | DALZELL PL     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-28              |                          | No         |           |            |            | ND                    |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049349                                            | A15_05_C          | A15_05_C           | 1029-1031 | FLEMINGTON ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-28              | 2018-08-28               | No         |           |            |            | ND                    |                       | 2018-09-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018109                                            | A07_07            | A07_07             | 1511      | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-28              | 2018-08-28               | No         |           |            |            | 6                     |                       | 2018-08-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075644                                            | A11_01            | A11_01             | 4130      | PERRYVILLE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-28              |                          | No         |           |            |            | ND                    |                       | 2018-08-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018554                                            | A07_07            | A07_07             | 154       | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-28              | 2018-08-28               | No         |           |            |            | ND                    |                       | 2018-09-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018573                                            | A07_07            | A07_07             | 169       | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-28              | 2018-08-28               | No         |           |            |            | 7                     |                       | 2018-09-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020006                                            | Ops               | BLG                | 310       | 54TH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2019-02-21               | Yes        | Emergency |            |            | 5.65                  |                       | 2019-02-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018585                                            | A07_07            | A07_07             | 177       | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2018-08-29               | No         |           |            |            | 16                    |                       | 2018-09-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018552                                            | A07_07            | A07_07             | 158       | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2018-08-29               | No         |           |            |            | 7                     |                       | 2018-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059292                                            | A12_02            | A12_02             | 480       | NORTON ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2018-08-30               | No         |           | Yes        |            | ND                    |                       | 2018-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041978                                            | A08_08            | A08_08             | 6654      | RIDGEVILLE ST  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-29              |                          | No         |           |            | Yes        | ND                    |                       | 2018-11-21    | ND                    |                       | 2020-02-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018586                                            | A07_07            | A07_07             | 177.5     | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2018-08-29               | No         |           |            |            | ND                    |                       | 2018-09-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075561                                            | A11_01            | A11_01             | 4135      | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2018-08-29               | No         |           |            |            | 7                     |                       | 2018-09-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018523                                            | A07_07            | A07_07             | 162       | HOME ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-29              | 2018-08-29               | No         |           |            |            | 12                    |                       | 2018-08-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022414                                            | Ops               | BLG                | 311       | 54TH ST #18    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-30              | 2019-02-27               | Yes        | Emergency |            |            | 4.3                   |                       | 2018-10-08    | ND                    |                       | 2019-03-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059378                                            | A12_02            | A12_02             | 467       | NORTON ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-30              |                          | No         |           |            |            | ND                    |                       | 2018-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075564                                            | A11_01            | A11_01             | 4123      | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-30              | 2018-08-30               | No         |           |            |            | ND                    |                       | 2018-09-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018575                                            | A07_07            | A07_07             | 173       | HOME ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-30              |                          | No         |           |            |            | ND                    |                       | 2018-12-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049489                                            | A15_05_C          | A15_05_C           | 4011      | WINDSOR ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-30              | 2018-08-30               | No         |           |            |            | ND                    |                       | 2018-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075565                                            | A11_01            | A11_01             | 4119      | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-30              | 2018-08-30               | No         |           |            |            | ND                    |                       | 2018-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042276                                            | A08_08            | A08_08             | 6526      | DALZELL PL     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-30              | 2018-08-30               | No         |           |            |            | 5                     |                       | 2018-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041982                                            | A08_08            | A08_08             | 6646      | RIDGEVILLE ST  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-08-31              |                          | No         |           |            |            | ND                    |                       | 2018-09-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059345                                            | A12_02            | A12_02             | 470       | NORTON ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-31              | 2018-09-14               | Yes        |           |            |            | 8                     |                       | 2018-09-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041983                                            | A08_08            | A08_08             | 6640      | RIDGEVILLE ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2018-08-31              | 2018-08-31               | No         |           |            |            | 5.3                   |                       | 2018-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|                                                    |                   |                    |           |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5011488                                            | A18_08            | A18_08             | 369   | SPAHR ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-24              | 2018-09-24               | No         |           |            |            | 13                    |                       | 2018-09-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049653                                            | A15_05_A          | A15_05_A           | 921   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-25              | 2018-09-25               | No         |           |            |            | 40                    |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049614                                            | A15_05_A          | A15_05_A           | 940   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-25              | 2018-09-25               | No         |           |            |            | ND                    |                       | 2018-09-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122339                                            | A10_M             | A10_M              | 324   | NORTH AVENUE   | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-25              | 2018-09-25               | No         |           |            |            | ND                    |                       | 2018-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054109                                            | A14_03            | A14_03             | 50    | S 20TH ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-25              | 2018-09-25               | No         |           |            |            | 7                     |                       | 2018-09-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066095                                            | Ops               | BLG                | 1315  | ARCH ST        | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-09-26              |                          | Yes        | Emergency |            |            | 16.2                  |                       | 2018-09-29    | ND                    |                       | 2019-03-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054147                                            | A14_03            | A14_03             | 1927  | SIDNEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-26              | 2018-09-26               | No         |           |            |            | ND                    |                       | 2018-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011483                                            | A18_08            | A18_08             | 346   | SPAHR ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-26              |                          | No         |           |            |            | ND                    |                       | 2018-09-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054155                                            | A14_03            | A14_03             | 1918  | SIDNEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-26              |                          | No         |           |            |            | ND                    |                       | 2018-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049641                                            | A15_05_A          | A15_05_A           | 955   | KENNEBEC ST    | Lead                     | Galvanized Iron           | PEX                      | Copper                    | 2018-09-26              | 2018-09-26               | No         |           |            |            | 8                     |                       | 2018-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012023                                            | A18_08            | A18_08             | 371   | SPAHR ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-27              |                          | No         |           |            |            | ND                    |                       | 2018-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011396                                            | A18_08            | A18_08             | 626   | COLLEGE ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-27              |                          | No         |           |            |            | 4.5                   |                       | 2018-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054157                                            | A14_03            | A14_03             | 1914  | SIDNEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-27              |                          | No         |           |            |            | 18.4                  |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122297                                            | A10_M             | A10_M              | 112   | NORTH AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-27              | 2018-09-27               | No         |           |            |            | ND                    |                       | 2018-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011393                                            | A18_08            | A18_08             | 620   | COLLEGE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-27              | 2018-09-27               | No         |           |            |            | 29                    |                       | 2018-09-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056548                                            | Ops               |                    | 66    | MILLBRIDGE ST  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-28              |                          | No         | Emergency |            |            | 1.86                  |                       | 2019-04-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011397                                            | A18_08            | A18_08             | 5901  | ALDER ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-28              |                          | No         |           |            |            | 7.9                   |                       | 2018-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011500                                            | A18_08            | A18_08             | 341   | SPAHR ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-09-28              |                          | No         |           |            |            | 21.6                  |                       | 2018-09-29    | 4.7                   |                       | 2018-10-18             | 7.1                   |                       | 2018-10-04    |                       |                       |               |                       |                       |               |
| 5054158                                            | A14_03            | A14_03             | 1912  | SIDNEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-09-28              | 2018-09-28               | No         |           |            |            | ND                    |                       | 2018-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049661                                            | A15_05_A          | A15_05_A           | 895   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-01              | 2018-10-01               | No         |           |            |            | ND                    |                       | 2018-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054156                                            | A14_03            | A14_03             | 1916  | SIDNEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-01              | 2018-10-01               | No         |           |            |            | 7                     |                       | 2018-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011418                                            | A18_08            | A18_08             | 5816  | ALDER ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-01              | 2018-10-01               | No         |           |            |            | 55                    |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049595                                            | A15_05_A          | A15_05_A           | 888   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-01              | 2018-10-01               | No         |           |            |            | ND                    |                       | 2018-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011482                                            | A18_08            | A18_08             | 342   | SPAHR ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-10-01              |                          | No         |           |            |            | ND                    |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049622                                            | A15_05_A          | A15_05_A           | 962   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-01              | 2018-10-01               | No         |           |            |            | 54                    |                       | 2018-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035561                                            | Ops               |                    | 1303  | SHADY AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-10-02              |                          | No         | Emergency |            |            | ND                    |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054165                                            | A14_03            | A14_03             | 1919  | WRIGHTS WAY    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-10-02              |                          | No         |           |            |            | 4.8                   |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122875                                            | A10_M             | A10_M              | 542   | NORTH AVENUE   | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-02              | 2018-10-02               | No         |           |            |            | ND                    |                       | 2018-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049655                                            | A15_05_A          | A15_05_A           | 915   | KENNEBEC ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-10-02              |                          | No         |           |            |            | ND                    |                       | 2018-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040180                                            | Ops               |                    | 3308  | BEECHWOOD BLVD | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-10-03              |                          | No         | Emergency |            |            | 14                    |                       | 2018-10-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049660                                            | A15_05_A          | A15_05_A           | 897   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-03              | 2018-10-03               | No         |           |            |            | ND                    |                       | 2018-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045770                                            | A15_05_A          | A15_05_A           | 858   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-03              | 2018-10-03               | No         |           |            |            | ND                    |                       | 2018-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050481                                            | A14_03            | A14_03             | 2103  | WHARTON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-03              | 2018-10-03               | No         |           |            |            | 12                    |                       | 2018-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049645                                            | A15_05_A          | A15_05_A           | 945   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-03              | 2018-10-03               | No         |           |            |            | 24                    |                       | 2018-10-06    | 3.07                  |                       | 2019-02-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061705                                            | Ops               |                    | 667   | BOGGS AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-10-04              |                          | No         | Emergency |            |            | 7.4                   |                       | 2018-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049643                                            | A15_05_A          | A15_05_A           | 951   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-04              | 2018-10-04               | No         |           |            |            | 6.9                   |                       | 2018-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011490                                            | A18_08            | A18_08             | 367   | SPAHR ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-04              | 2018-10-04               | No         |           |            |            | 5.6                   |                       | 2018-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045762                                            | A15_05_A          | A15_05_A           | 830   | KENNEBEC ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-10-04              | 2018-10-04               | No         |           |            |            | ND                    |                       | 2018-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050486                                            | A14_03            | A14_03             | 2     |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Refcrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5012420                                            | A18_08            | A18_08             | 5731  | KENTUCKY AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-05              |                          | No         |           |            |            | 5.1                   |                       | 2018-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022147                                            | A17_07            | A17_07             | 1166  | MORNINGSIDE AVE | Lead                     |                           | PEX                      | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | 1.3                   |                       | 2018-11-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022146                                            | A17_07            | A17_07             | 1162  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | 1                     |                       | 2018-11-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012523                                            | A18_08            | A18_08             | 5809  | HOWE ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | ND                    |                       | 2018-11-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070979                                            | A16_06            | A16_06             | 1404  | MONTREY ST      | Lead                     | Lead                      | Copper                   | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | ND                    |                       | 2018-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022148                                            | A17_07            | A17_07             | 1170  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | 3                     |                       | 2018-11-06    | ND                    |                       | 2018-12-05             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012458                                            | A18_08            | A18_08             | 5816  | KENTUCKY AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-06              |                          | No         |           |            |            | 4.7                   |                       | 2018-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022145                                            | A17_07            | A17_07             | 1158  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | ND                    |                       | 2018-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022138                                            | A17_07            | A17_07             | 1132  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | 1.3                   |                       | 2018-11-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070949                                            | A16_06            | A16_06             | 1500  | MONTREY ST      | Lead                     | Lead                      | Copper                   | Copper                    | 2018-11-06              | 2018-11-06               | No         |           |            |            | ND                    |                       | 2018-12-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022137                                            | A17_07            | A17_07             | 1128  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-07              | 2018-11-07               | No         |           |            |            | 3.8                   |                       | 2018-11-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012525                                            | A18_08            | A18_08             | 5819  | HOWE ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-07              | 2018-11-07               | No         |           |            |            | 5.5                   |                       | 2018-11-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028749                                            | A09_09            | A09_09             | 6435  | DEAN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-07              | 2018-11-07               | No         |           |            |            | ND                    |                       | 2018-11-19    | ND                    |                       | 2019-01-08             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022111                                            | A17_07            | A17_07             | 1153  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-07              | 2018-11-07               | No         |           |            |            | 3                     |                       | 2018-11-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012419                                            | A18_08            | A18_08             | 5729  | KENTUCKY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-07              | 2018-11-07               | No         |           |            |            | 8.7                   |                       | 2018-11-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028740                                            | A09_09            | A09_09             | 6415  | DEAN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-07              | 2018-11-07               | No         |           |            |            | 2.7                   |                       | 2018-11-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012451                                            | A18_08            | A18_08             | 5756  | KENTUCKY AVE    | Lead                     | Lead                      | Copper                   | Copper                    | 2018-11-08              | 2018-11-08               | No         |           |            |            | 2.3                   |                       | 2018-11-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022118                                            | A17_07            | A17_07             | 1115  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-08              | 2018-11-08               | No         |           |            |            | ND                    |                       | 2018-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012493                                            | A18_08            | A18_08             | 5818  | HOWE ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-08              | 2018-11-08               | No         |           |            |            | 6.4                   |                       | 2018-11-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022119                                            | A17_07            | A17_07             | 1111  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-08              | 2018-11-08               | No         |           |            |            | 3.51                  |                       | 2019-01-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011590                                            | Ops               |                    | 357   | LEHIGH AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-09              |                          | No         | Emergency |            |            | ND                    |                       | 2019-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021974                                            | A17_07            | A17_07             | 1208  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-09              | 2018-11-09               | No         |           |            |            | 4.5                   |                       | 2018-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021963                                            | A17_07            | A17_07             | 1252  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-09              | 2018-11-09               | No         |           |            |            | 4.5                   |                       | 2018-11-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022109                                            | A17_07            | A17_07             | 1161  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-10              | 2018-11-10               | No         |           |            |            | 25.2                  |                       | 2018-11-13    | 3.25                  |                       | 2019-02-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021961                                            | A17_07            | A17_07             | 1258  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-12              | 2018-11-12               | No         |           |            |            | 1.3                   |                       | 2018-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021931                                            | A17_07            | A17_07             | 1213  | MORNINGSIDE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-12              |                          | No         |           |            |            | 67                    |                       | 2018-11-14    | 6.25                  |                       | 2019-03-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012415                                            | A18_08            | A18_08             | 5721  | KENTUCKY AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-12              |                          | No         |           |            |            | ND                    |                       | 2018-12-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021970                                            | A17_07            | A17_07             | 1220  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-12              | 2018-11-12               | No         |           |            |            | ND                    |                       | 2019-01-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021969                                            | A17_07            | A17_07             | 1222  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-12              | 2018-11-12               | No         |           |            |            | ND                    |                       | 2018-11-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021942                                            | A17_07            | A17_07             | 1255  | MORNINGSIDE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-12              |                          | No         |           |            |            | ND                    |                       | 2018-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021933                                            | A17_07            | A17_07             | 1223  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-12              | 2018-11-12               | No         |           |            |            | 7.9                   |                       | 2018-11-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028736                                            | A09_09            | A09_09             | 6361  | DEAN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-13              | 2018-11-13               | No         |           |            |            | 4.4                   |                       | 2018-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021960                                            | A17_07            | A17_07             | 1260  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-13              | 2018-11-13               | No         |           |            |            | 39                    |                       | 2018-11-13    | ND                    |                       | 2019-03-04             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021934                                            | A17_07            | A17_07             | 1227  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-13              | 2018-11-13               | No         |           |            |            | 1                     |                       | 2018-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021967                                            | A17_07            | A17_07             | 1232  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-11-13              | 2018-11-13               | No         |           |            |            | 14.8                  |                       | 2018-11-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012426                                            | A18_08            | A18_08             | 5743  | KENTUCKY AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-13              |                          | No         |           |            |            | ND                    |                       | 2018-11-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028802                                            | A09_09            | A09_09             | 6439  | APPLE AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-11-13              |                          | No         |           |            |            | 1460                  |                       | 2018-11-14</  |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5028031                                            | CEP               | CEP                | 1414  | BROWNING RD     | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2018-12-10               | 2018-12-10 | No        |            |            | 1.51                  |                       | 2019-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023915                                            | A17_07            | A17_07             | 1733  | MORNINGSIDE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-12-10              |                          | No         |           |            |            | 4.6                   |                       | 2018-12-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023928                                            | A17_07            | A17_07             | 1705  | MORNINGSIDE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-12-10              |                          | No         |           |            |            | 4.1                   |                       | 2018-12-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070405                                            | A16_06            | A16_06             | 409   | ARMANDALE ST    | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-12-10              |                          | No         |           |            |            | ND                    |                       | 2018-12-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023909                                            | A17_07            | A17_07             | 1805  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-10              | 2018-12-10               | No         |           |            |            | 6                     |                       | 2019-01-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070716                                            | A16_06            | A16_06             | 11    | JACKSONIA ST    | Lead                     | Lead                      | Copper                   | Copper                    | 2018-12-11              | 2018-12-11               | No         |           |            |            | 4.6                   |                       | 2018-12-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023944                                            | A17_07            | A17_07             | 1732  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-11              | 2018-12-11               | No         |           |            |            | ND                    |                       | 2018-12-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077603                                            | CEP               | CEP                | 3557  | ELMHURST AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-11              | 2018-12-11               | No         |           |            |            | 5.4                   |                       | 2018-12-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070707                                            | A16_06            | A16_06             | 20    | JACKSONIA ST    | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-12-11              |                          | No         |           |            |            | 8.1                   |                       | 2019-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023533                                            | A17_07            | A17_07             | 1835  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-11              | 2018-12-11               | No         |           |            |            | ND                    |                       | 2018-12-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023540                                            | A17_07            | A17_07             | 1821  | MORNINGSIDE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-12-12              |                          | No         |           |            |            | 1.5                   |                       | 2019-05-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058987                                            | A12_02_A          | A12_02_A           | 5     | NORTON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-12              | 2018-12-12               | No         |           |            |            | ND                    |                       | 2018-12-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071070                                            | A16_06            | A16_06             | 1401  | ARCH ST         | Lead                     | Lead                      | Copper                   | Copper                    | 2018-12-12              | 2018-12-12               | No         |           |            |            | ND                    |                       | 2018-12-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071040                                            | A16_06            | A16_06             | 303   | JACKSONIA ST    | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-12-12              |                          | No         |           |            |            | 2.13                  |                       | 2019-03-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069433                                            | Ops               | BLG_01             | 1806  | RIALTO ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-13              | 2019-04-18               | Yes        | Emergency |            |            | 43                    |                       | 2018-12-14    | 11.6                  |                       | 2019-04-30             | 1.97                  |                       | 2019-11-03    |                       |                       |               |                       |                       |               |
| 5023534                                            | A17_07            | A17_07             | 1833  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-13              | 2018-12-13               | No         |           |            |            | 28.8                  |                       | 2018-12-21    | 13.5                  |                       | 2019-03-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071077                                            | A16_06            | A16_06             | 1404  | ARCH ST         | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-12-13              |                          | No         |           |            |            | 7.8                   |                       | 2018-12-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023908                                            | A17_07            | A17_07             | 1807  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-14              | 2018-12-14               | No         |           |            |            | 5.9                   |                       | 2018-12-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023528                                            | A17_07            | A17_07             | 1824  | DUFFIELD ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-14              | 2018-12-14               | No         |           |            |            | 24.8                  |                       | 2018-12-21    | 12.6                  |                       | 2019-03-26             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070595                                            | A16_06            | A16_06             | 110   | CARRINGTON ST   | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-12-14              |                          | No         |           |            |            | 6.1                   |                       | 2018-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023498                                            | A17_07            | A17_07             | 1853  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-12-15              |                          | Yes        |           |            |            | 17                    |                       | 2018-12-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023527                                            | A17_07            | A17_07             | 1820  | DUFFIELD ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-17              | 2018-12-17               | No         |           |            |            | 26.4                  |                       | 2018-12-18    | 421                   |                       | 2019-04-10             | 34                    |                       | 2019-04-29    |                       |                       |               |                       |                       |               |
| 5023547                                            | A17_07            | A17_07             | 1832  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-17              | 2018-12-17               | No         |           |            |            | ND                    |                       | 2018-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070668                                            | A16_06            | A16_06             | 318   | JACKSONIA ST    | Lead                     | Copper                    | Copper                   | Not Replaced              | 2018-12-17              |                          | No         |           |            |            | ND                    |                       | 2019-01-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058995                                            | A12_02_A          | A12_02_A           | 8     | NORTON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-18              | 2018-12-18               | No         |           |            |            | 5.9                   |                       | 2018-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069029                                            | CEP               | CEP                | 2104  | STRAUBS LN      | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-18              | 2018-12-18               | No         |           |            |            | ND                    |                       | 2018-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023543                                            | A17_07            | A17_07             | 1813  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-18              | 2018-12-18               | No         |           |            |            | 16.2                  |                       | 2018-12-21    | 4.51                  |                       | 2019-04-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070639                                            | A16_06            | A16_06             | 1525  | SATURN WAY      | Lead                     | Lead                      | Copper                   | Copper                    | 2018-12-18              | 2018-12-18               | No         |           |            |            | ND                    |                       | 2019-01-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023938                                            | A17_07            | A17_07             | 1720  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Not Replaced              | 2018-12-19              |                          | Yes        |           |            |            | 90.4                  |                       | 2019-03-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058626                                            | A12_02_A          | A12_02_A           | 122   | PROSPECT ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-19              | 2018-12-19               | No         |           |            |            | 9.5                   |                       | 2018-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058960                                            | A12_02_A          | A12_02_A           | 32    | NORTON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-19              | 2018-12-19               | No         |           |            |            | 9.6                   |                       | 2018-12-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023554                                            | A17_07            | A17_07             | 1850  | MORNINGSIDE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-19              | 2018-12-19               | No         |           |            |            | 1.73                  |                       | 2019-01-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058967                                            | A12_02_A          | A12_02_A           | 35    | NORTON ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-12-19              |                          | No         |           |            |            | ND                    |                       | 2018-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070640                                            | A16_06            | A16_06             | 402   | ALPINE AVE      | Lead                     | Lead                      | Copper                   | Copper                    | 2018-12-19              | 2018-12-19               | No         |           |            |            | ND                    |                       | 2018-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070706                                            | A16_06            | A16_06             | 26    | JACKSONIA ST    | Lead                     | Lead                      | Copper                   | Copper                    | 2018-12-21              | 2018-12-21               | No         |           |            |            | 250                   |                       | 2018-12-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024322                                            | A17_07            | A17_07             | 1640  | DUFFIELD ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2018-12-21              | 2018-12-21               | No         |           |            |            | ND                    |                       | 2019-04-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070674                                            | A16_06            | A16_06             | 300   | JACKSONIA ST    | Lead                     | Lead                      | Copper                   | Copper                    | 2018-12-21              | 2018-12-21               | No         |           |            |            | 4.3                   |                       | 2018-12-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024323                                            | A17_07            | A17_07             | 1636  | DUFFIELD ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2018-12-21              |                          | No         |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5075076                                            | B02_01_A          | B02_01_A           | 129   | DUNLAP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-20              | 2019-04-10               | Yes        |           |            |            | 611                   |                       | 2019-03-21    | 2.89                  |                       | 2019-04-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024169                                            | B01_07            | B01_07             | 6917  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-20              | 2019-03-20               | No         |           |            |            | ND                    |                       | 2019-03-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075075                                            | B02_01_A          | B02_01_A           | 131   | DUNLAP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-20              | 2019-03-20               | No         |           |            |            | 1.08                  |                       | 2019-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122851                                            | Urgent Water      | Urgent LSLR        | 2     | KLOPPER STREET | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-21              | 2019-03-21               | No         | Emergency |            |            | ND                    |                       | 2019-03-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074568                                            | B02_01_A          | B02_01_A           | 48    | HEMPHILL ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-21              | 2019-03-21               | No         |           |            |            | 4.87                  |                       | 2019-03-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024182                                            | B01_07            | B01_07             | 6924  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-21              | 2019-03-21               | No         |           |            |            | 2.71                  |                       | 2019-05-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024134                                            | B01_07            | B01_07             | 6909  | BISHOP ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-21              |                          | No         |           |            |            | 5.18                  |                       | 2019-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075037                                            | B02_01_A          | B02_01_A           | 103   | RICHEY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-21              | 2019-03-21               | No         |           |            |            | 2.4                   |                       | 2019-03-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074589                                            | B02_01_A          | B02_01_A           | 147   | HEMPHILL ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-21              | 2019-03-21               | No         |           |            |            | 47.7                  |                       | 2019-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075087                                            | B02_01_A          | B02_01_A           | 25    | DUNLAP ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-21              |                          | No         |           |            |            | 5.69                  |                       | 2019-04-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024180                                            | B01_07            | B01_07             | 6928  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-21              | 2019-03-21               | No         |           |            |            | 3.99                  |                       | 2019-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074922                                            | B02_01_A          | B02_01_A           | 114   | RICHEY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-22              | 2019-03-22               | No         |           |            |            | 4.28                  |                       | 2019-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075066                                            | B02_01_A          | B02_01_A           | 322   | DUNLAP ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-22              |                          | No         |           |            |            | 1.77                  |                       | 2019-03-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024198                                            | B01_07            | B01_07             | 6931  | BISHOP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-22              | 2019-03-22               | No         |           |            |            | 1.03                  |                       | 2019-04-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045521                                            | Ops               | Urgent LSLR        | 4123  | WINTERBURN AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-22              | 2019-04-04               | No         | Emergency |            | Yes        | 4.16                  |                       | 2019-04-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075034                                            | B02_01_A          | B02_01_A           | 117   | RICHEY AVE     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-03-25              | 2019-03-25               | No         |           |            |            | 6                     |                       | 2019-03-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074587                                            | B02_01_A          | B02_01_A           | 39    | HEMPHILL ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-25              |                          | No         |           |            |            | 2.78                  |                       | 2019-04-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024183                                            | B01_07            | B01_07             | 6922  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-25              | 2019-03-25               | No         |           |            |            | 3.32                  |                       | 2019-03-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024171                                            | B01_07            | B01_07             | 6923  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-25              | 2019-03-25               | No         |           |            |            | 18.4                  |                       | 2019-03-28    | 30.9                  |                       | 2019-07-29             | 9.97                  |                       | 2019-09-26    |                       |                       |               |                       |                       |               |
| 5079990                                            | Ops               | Urgent LSLR        | 1531  | PENNOCK RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-25              | 2019-03-27               | No         | Emergency |            | Yes        | ND                    |                       | 2019-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016680                                            | Ops               |                    | 4230  | BRUCE ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-26              |                          | No         | Emergency |            |            | 21.9                  |                       | 2019-03-29    | 27.6                  |                       | 2019-07-23             | 1.22                  |                       | 2019-10-03    |                       |                       |               |                       |                       |               |
| 5074574                                            | B02_01_A          | B02_01_A           | 15    | DEFOE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | 19.4                  |                       | 2019-04-01    | ND                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075035                                            | B02_01_A          | B02_01_A           | 115   | RICHEY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | 1.71                  |                       | 2019-03-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024093                                            | B01_07            | B01_07             | 6928  | GREENWOOD ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | 1.18                  |                       | 2019-03-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024137                                            | B01_07            | B01_07             | 6902  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | ND                    |                       | 2019-05-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024191                                            | B01_07            | B01_07             | 6917  | BISHOP ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-26              |                          | No         |           |            |            | ND                    |                       | 2019-06-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024092                                            | B01_07            | B01_07             | 6926  | GREENWOOD ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | 2.37                  |                       | 2019-03-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024123                                            | B01_07            | B01_07             | 6918  | BISHOP ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-26              |                          | No         |           |            |            | 68.2                  |                       | 2019-03-27    | 4.95                  |                       | 2019-07-15             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074928                                            | B02_01_A          | B02_01_A           | 126   | RICHEY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | 4.06                  |                       | 2019-03-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024162                                            | B01_07            | B01_07             | 6903  | STANDISH ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-26              | 2019-03-26               | No         |           |            |            | 11.9                  |                       | 2019-05-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024124                                            | B01_07            | B01_07             | 6920  | BISHOP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-27              | 2019-03-27               | No         |           |            |            | 3.42                  |                       | 2019-03-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078706                                            | Ops               | Urgent LSLR        | 3550  | CAMPUS ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-27              | 2019-04-02               | No         | Emergency |            | Yes        | 9.55                  |                       | 2019-04-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024094                                            | B01_07            | B01_07             | 6930  | GREENWOOD ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-27              | 2019-03-27               | No         |           |            |            | 1.13                  |                       | 2019-03-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074929                                            | B02_01_A          | B02_01_A           | 128   | RICHEY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-27              | 2019-03-27               | No         |           |            |            | ND                    |                       | 2019-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024090                                            | B01_07            | B01_07             | 6920  | GREENWOOD ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-27              | 2019-03-27               | No         |           |            |            | 6.76                  |                       | 2019-03-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075028                                            | B02_01_A          | B02_01_A           | 301   | RICHEY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-03-27              | 2019-03-27               | No         |           |            |            | 8.03                  |                       | 2019-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024190                                            | B01_07            | B01_07             | 6904  | STANDISH ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-03-27              |                          | No         |           |            |            | 2.82                  |                       | 2019-03-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024167                                            |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5024405                                            | B01_07            | B01_07             | 1610  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-17               | No         |           |            |            | 7.9                   |                       | 2019-04-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024122                                            | B01_07            | B01_07             | 6916  | BISHOP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-17               | No         |           |            |            | 3.32                  |                       | 2019-04-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057089                                            | B06_03_A          | B06_03_A           | 211   | WALTER ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-17               | No         |           |            |            | ND                    |                       | 2019-04-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057105                                            | B06_03_A          | B06_03_A           | 321   | WALTER ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-17               | No         |           |            |            | ND                    |                       | 2019-04-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074671                                            | B02_01_A          | B02_01_A           | 45-47 | RIVERVIEW AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-17               | No         |           |            |            | ND                    |                       | 2019-06-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057063                                            | B06_03_A          | B06_03_A           | 304   | WALTER ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-17               | No         |           |            |            | ND                    |                       | 2019-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024248                                            | B01_07            | B01_07             | 1433  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-17              | 2019-04-18               | No         |           |            | Yes        | 8.86                  |                       | 2019-04-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074846                                            | B02_01_A          | B02_01_A           | 3818  | EAST ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-18              |                          | No         |           |            |            | 14.4                  |                       | 2019-04-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023722                                            | B01_07            | B01_07             | 7218  | WITHERSPOON ST | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 2.33                  |                       | 2019-04-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024406                                            | B01_07            | B01_07             | 1606  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 3.36                  |                       | 2019-07-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024201                                            | B01_07            | B01_07             | 6937  | BISHOP ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 3.76                  |                       | 2019-04-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024209                                            | B01_07            | B01_07             | 1800  | ANTIETAM ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 1.49                  |                       | 2019-04-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057463                                            | B06_03_A          | B06_03_A           | 640   | LILLIAN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 6.47                  |                       | 2019-04-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074821                                            | B02_01_A          | B02_01_A           | 3679  | BAYTREE ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-18              |                          | No         |           |            |            | 2.63                  |                       | 2019-04-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032408                                            | B04_09_A          | B04_09_A           | 7001  | CHAUCER ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-18              |                          | No         |           |            |            | 25.7                  |                       | 2019-04-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074532                                            | B02_01_A          | B02_01_A           | 3850  | EAST ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 1.42                  |                       | 2019-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024486                                            | B01_07            | B01_07             | 1728  | ANTIETAM ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 3.68                  |                       | 2019-04-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074531                                            | B02_01_A          | B02_01_A           | 3854  | EAST ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | ND                    |                       | 2019-06-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057289                                            | B02_01_A          | B02_01_A           | 39    | RIVERVIEW AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 4.12                  |                       | 2019-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022005                                            | B01_07            | B01_07             | 1424  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-18              | 2019-04-18               | No         |           |            |            | 2.1                   |                       | 2019-06-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024488                                            | B01_07            | B01_07             | 1732  | ANTIETAM ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-18              |                          | No         |           |            |            | ND                    |                       | 2019-06-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057481                                            | B06_03_A          | B06_03_A           | 750   | LILLIAN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-18              |                          | No         |           |            |            | ND                    |                       | 2019-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074847                                            | B02_01_A          | B02_01_A           | 3814  | EAST ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-18              |                          | No         |           |            |            | 1.6                   |                       | 2019-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030728                                            | Urgent LSLR       | Urgent LSLR        | 6909  | HAMILTON AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-19              | 2019-04-19               | No         | Emergency |            |            | 21                    |                       | 2019-04-19    | 2.22                  |                       | 2019-07-15             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074826                                            | B02_01_A          | B02_01_A           | 3719  | BAYTREE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-19              | 2019-04-19               | No         |           |            |            | 11.7                  |                       | 2019-04-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024407                                            | B01_07            | B01_07             | 1604  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | ND                    |                       | 2019-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022013                                            | B01_07            | B01_07             | 1400  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | 3.25                  |                       | 2019-04-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074663                                            | B02_01_A          | B02_01_A           | 141   | RIVERVIEW AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | 190                   |                       | 2019-04-24    | 24.8                  |                       | 2019-05-15             | ND                    |                       | 2019-09-22    |                       |                       |               |                       |                       |               |
| 5057266                                            | B06_03_A          | B06_03_A           | 411   | ALLEN ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | ND                    |                       | 2019-05-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021996                                            | B01_07            | B01_07             | 1407  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | 3.53                  |                       | 2019-04-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057478                                            | B06_03_A          | B06_03_A           | 744   | LILLIAN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | 175                   |                       | 2019-04-22    | ND                    |                       | 2019-05-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033781                                            | B04_09_B          | B04_09_B           | 7214  | TIOGA ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | 8                     |                       | 2019-05-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074473                                            | B02_01_A          | B02_01_A           | 3882  | EAST ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-22              | 2019-04-22               | No         |           |            |            | ND                    |                       | 2019-04-22    | ND                    |                       | 2019-04-30             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057486                                            | B06_03_A          | B06_03_A           | 808   | LILLIAN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-04-22              |                          | No         |           |            |            | 1.69                  |                       | 2019-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023729                                            | B01_07            | B01_07             | 7232  | WITHERSPOON ST | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-23              | 2019-04-23               | No         |           |            |            | 3.03                  |                       | 2019-05-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022226                                            | B01_07            | B01_07             | 1101  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-23              | 2019-04-23               | No         |           |            |            | 2.84                  |                       | 2019-05-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057479                                            | B06_03_A          | B06_03_A           | 746   | LILLIAN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-04-23              | 2019-04-23               | No         |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5021978                                            | B01_07            | B01_07             | 1207  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-07              | 2019-05-07               | No         |           |            |            | 20.4                  |                       | 2019-06-24    | ND                    |                       | 2019-09-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076067                                            | B02_01_A          | B02_01_A           | 3943  | EVERGREEN RD   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-07              |                          | No         |           |            |            | 4.16                  |                       | 2019-05-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022032                                            | B01_07            | B01_07             | 1185  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-07              | 2019-05-07               | No         |           |            |            | 3.6                   |                       | 2019-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057253                                            | B06_03_A          | B06_03_A           | 846   | LOYAL WAY      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-07              | 2019-05-07               | No         |           |            |            | ND                    |                       | 2019-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021980                                            | B01_07            | B01_07             | 1211  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-07              | 2019-05-07               | No         |           |            |            | 1.24                  |                       | 2019-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029011                                            | CEP               | CEP                | 37    | CARVER ST      | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2019-05-07               | No         |           |            |            | 2.32                  |                       | 2019-05-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074912                                            | B02_01_A          | B02_01_A           | 3740  | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-08               | No         |           |            |            | 5.74                  |                       | 2019-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056949                                            | B06_03_A          | B06_03_A           | 958   | MANTON WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-08               | No         |           |            |            | 9.4                   |                       | 2019-05-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022036                                            | B01_07            | B01_07             | 1203  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-08               | No         |           |            |            | 2.39                  |                       | 2019-05-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074759                                            | B02_01_A          | B02_01_A           | 3845  | EVERGREEN RD   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-08               | No         |           |            |            | 1.32                  |                       | 2019-05-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022037                                            | B01_07            | B01_07             | 1203  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-08               | No         |           |            |            | 10.8                  |                       | 2019-05-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022030                                            | B01_07            | B01_07             | 1204  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-09               | No         |           |            | Yes        | 4.92                  |                       | 2019-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056928                                            | B06_03_A          | B06_03_A           | 979   | MANTON WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-08              | 2019-05-08               | No         |           |            |            | ND                    |                       | 2019-06-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075107                                            | B02_01_A          | B02_01_A           | 3608  | PERRYVILLE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-09              | 2019-05-09               | No         |           |            |            | 45.3                  |                       | 2019-05-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056953                                            | B06_03_A          | B06_03_A           | 976   | MANTON WAY     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-09              |                          | No         |           |            |            | 1.62                  |                       | 2019-08-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023594                                            | B01_07            | B01_07             | 1907  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | 6.37                  |                       | 2019-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029876                                            | B04_09_A          | B04_09_A           | 6724  | DEARY ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-09              |                          | No         |           |            |            | 1.26                  |                       | 2019-05-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075103                                            | B02_01_A          | B02_01_A           | 3616  | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | 1.01                  |                       | 2019-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074761                                            | B02_01_A          | B02_01_A           | 3857  | EVERGREEN RD   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | 3.7                   |                       | 2019-05-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022235                                            | B01_07            | B01_07             | 1170  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | 6.51                  |                       | 2019-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074898                                            | B02_01_A          | B02_01_A           | 3800  | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | 334                   |                       | 2019-05-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022190                                            | B01_07            | B01_07             | 1154  | JANCEY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | 12.1                  |                       | 2019-05-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022043                                            | B01_07            | B01_07             | 1213  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-09              | 2019-05-09               | No         |           |            |            | ND                    |                       | 2019-06-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074770                                            | B02_01_A          | B02_01_A           | 3939  | EVERGREEN RD   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-09              |                          | No         |           |            |            | 1.17                  |                       | 2019-06-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057328                                            | B06_03_A          | B06_03_A           | 914   | FREELAND ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-10              | 2019-05-10               | No         |           |            | Yes        | ND                    |                       | 2019-05-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056933                                            | B06_03_A          | B06_03_A           | 963   | MANTON WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-10              | 2019-05-10               | No         |           |            |            | ND                    |                       | 2019-05-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075108                                            | B02_01_A          | B02_01_A           | 3606  | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-10              | 2019-05-10               | No         |           |            |            | 9.72                  |                       | 2019-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074659                                            | B02_01_A          | B02_01_A           | 48    | RIVERVIEW AVE  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-10              |                          | No         |           |            |            | 10.8                  |                       | 2019-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057329                                            | B06_03_A          | B06_03_A           | 916   | FREELAND ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-10              |                          | No         |           |            |            | ND                    |                       | 2019-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074893                                            | B02_01_A          | B02_01_A           | 3816  | PERRYVILLE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-10              |                          | No         |           |            |            | ND                    |                       | 2019-06-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022158                                            | B01_07            | B01_07             | 1139  | JANCEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-13              |                          | No         |           |            |            | 1.39                  |                       | 2019-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022153                                            | B01_07            | B01_07             | 1161  | JANCEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-13              |                          | No         |           |            |            | 2.44                  |                       | 2019-05-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024043                                            | B01_07            | B01_07             | 1827  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-13              | 2019-05-13               | No         |           |            |            | 4.88                  |                       | 2019-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056938                                            | B06_03_A          | B06_03_A           | 947   | MANTON WAY     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-13              |                          | No         |           |            |            | ND                    |                       | 2019-05-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022184                                            | B01_07            | B01_07             | 1134  | JANCEY ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-13              |                          | No         |           |            |            | ND                    |                       | 2019-06-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022042                                            | B01_07            | B01_07             | 1211  | CHISLETT ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-13              | 2019-05-13               | No         |           |            |            | 1.96                  |                       | 2019-05-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5005563                                            | CEP               | CEP                | 642   | MORGAN ST      | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2019-05-13               | No         |           |            |            | 2.56                  |                       | 2019-05-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075102                                            | B02_01_A          | B02_01_A           | 3622  | PERRYVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-13              | 2019-05-13               | No         |           |            |            | ND                    |                       | 2019-10-      |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |          |                       |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|----------|-----------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House    | Street                | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Refrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5067780                                            |                   | CEP                | 1209     | SEIDLE ST             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-23              | 2019-05-23               | No         |           |            |            | 1.05                  |                       | 2019-05-27    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 50227271                                           | B01_07            |                    |          | JANCEY ST             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-23              | 2019-05-23               | No         |           |            |            | 7.83                  |                       | 2019-05-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024011                                            | B01_07            |                    | 1710.5   | JANCEY ST             | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-23              |                          | No         |           |            |            | 11.3                  |                       | 2019-05-29    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056685                                            | B06_03_A          |                    | B06_03_A | EXCELSIOR ST          | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-05-23              | 2019-05-23               | No         |           |            |            | ND                    |                       | 2019-07-18    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079195                                            |                   | CEP                | 945      | GRAND AVE             | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-24              |                          | No         |           |            |            | 8.6                   |                       | 2019-05-25    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024452                                            | B01_07            |                    | B01_07   | CHISLETT ST           | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-24              |                          | No         |           |            |            | 2.4                   |                       | 2019-10-28    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030326                                            | B04_09_A          |                    | B04_09_A | INWOOD ST             | Lead                     | Copper                    | PEX                      | Copper                    | 2019-05-24              | 2019-05-24               | No         |           |            |            | 1.86                  |                       | 2019-05-28    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074495                                            | B02_01_A          |                    | B02_01_A | PERRYVILLE AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-24              | 2019-05-24               | No         |           |            |            | 1.73                  |                       | 2019-05-27    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074497                                            | B02_01_A          |                    | B02_01_A | PERRYVILLE AVE        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-24              |                          | No         |           |            |            | ND                    |                       | 2019-07-16    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056616                                            | B06_03_A          |                    | B06_03_A | EXCELSIOR ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | 1.99                  |                       | 2019-05-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024457                                            | B01_07            |                    | B01_07   | 1628-1630 CHISLETT ST | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | ND                    |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024431                                            | B01_07            |                    | B01_07   | 1635 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | 59.7                  |                       | 2019-05-29    | 4.74                  |                       | 2019-08-05            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022286                                            | B01_07            |                    | B01_07   | 1004 JANCEY ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | ND                    |                       | 2019-06-21    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024017                                            | B01_07            |                    | B01_07   | 1712 JANCEY ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | 1.26                  |                       | 2020-03-15    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074533                                            | B02_01_A          |                    | B02_01_A | PERRYVILLE AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | ND                    |                       | 2019-05-30    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029357                                            | B04_09_A          |                    | B04_09_A | APPLE AVE             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | 3.93                  |                       | 2019-07-19    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030336                                            | B04_09_A          |                    | B04_09_A | INWOOD ST             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | ND                    |                       | 2019-05-29    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024419                                            | B01_07            |                    | B01_07   | 1449 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | ND                    |                       | 2019-08-04    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024424                                            | B01_07            |                    | B01_07   | 1613 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-28              | 2019-05-28               | No         |           |            |            | 1.15                  |                       | 2019-05-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039767                                            | Ops               |                    |          | LILAC ST              | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-29              |                          | No         | Emergency |            |            | ND                    |                       | 2019-07-29    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030571                                            | B04_09_A          |                    | B04_09_A | INWOOD ST             | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-05-29              | 2019-05-29               | No         |           |            |            | ND                    |                       | 2019-07-26    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024464                                            | B01_07            |                    | B01_07   | 1610 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-29              | 2019-05-29               | No         |           |            |            | 8.67                  |                       | 2019-05-30    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056690                                            | B06_03_A          |                    | B06_03_A | 740 EXCELSIOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-29              | 2019-05-29               | No         |           |            |            | ND                    |                       | 2019-06-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072757                                            | B08_06_A          |                    | B08_06_A | 339 LAFAYETTE AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-29              |                          | No         |           |            |            | ND                    |                       | 2019-05-30    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030560                                            | B04_09_A          |                    | B04_09_A | INWOOD ST             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-29              | 2019-05-29               | No         |           |            |            | 36.4                  |                       | 2019-05-30    | 6.55                  |                       | 2019-09-24            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056669                                            | B06_03_A          |                    | B06_03_A | 729 EXCELSIOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-29              | 2019-05-29               | No         |           |            |            | 5.08                  |                       | 2019-05-30    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056680                                            | B06_03_A          |                    | B06_03_A | 712 EXCELSIOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-31               | No         |           |            | Yes        | ND                    |                       | 2019-07-17    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057185                                            | B06_03_A          |                    | B06_03_A | 852 PROCTOR WAY       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-30               | No         |           |            |            | 10.6                  |                       | 2019-06-04    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024461                                            | B01_07            |                    | B01_07   | 1616 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-30               | No         |           |            |            | 2.43                  |                       | 2019-06-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024469                                            | B01_07            |                    | B01_07   | 1450 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-30               | No         |           |            |            | 4.8                   |                       | 2019-05-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055210                                            | B06_03_A          |                    | B06_03_A | 1018 E WARRINGTON AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-30               | No         |           |            |            | 12.3                  |                       | 2019-05-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072684                                            | B08_06_A          |                    | B08_06_A | 233 LAFAYETTE AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-30               | No         |           |            |            | 2.49                  |                       | 2019-07-17    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024384                                            | B01_07            |                    | B01_07   | 1666 JANCEY ST        | Copper                   | Lead                      | Not Replaced             | Copper Tailpiece          | 2019-05-30              | 2019-05-30               | No         |           |            |            | 4.23                  |                       | 2019-06-02    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025106                                            | B01_07            |                    | B01_07   | 828 JANCEY ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-30              |                          | No         |           |            |            | ND                    |                       | 2019-06-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072760                                            | B08_06_A          |                    | B08_06_A | 325 LAFAYETTE AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-30              | 2019-05-30               | No         |           |            |            | 3.85                  |                       | 2019-05-31    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042118                                            | Ops               |                    |          | 614 KIRTLAND ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-31              |                          | No         | Emergency |            |            | 5.05                  |                       | 2019-06-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025515                                            | B01_07            |                    | B01_07   | 831 CHISLETT ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-31              |                          | No         |           |            |            | 1.37                  |                       | 2019-06-03    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022291                                            | B01_07            |                    | B01_07   | 5311 WELLESLEY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-31              | 2019-05-31               | No         |           |            |            | ND                    |                       | 2019-07-27    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024931                                            | CEP               |                    | 1410     | MELLON ST             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-31              | 2019-05-31               | No         |           |            |            | 8.75                  |                       | 2019-06-08    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056675                                            | B06_03_A          |                    | B06_03_A | 723 EXCELSIOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-31              | 2019-05-31               | No         |           |            |            | 3.52                  |                       | 2019-06-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024465                                            | B01_07            |                    | B01_07   | 1608 CHISLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-05-31              | 2019-05-31               | No         |           |            |            | 4.45                  |                       | 2019-06-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072685                                            | B08_06_A          |                    | B08_06_A | 229 LAFAYETTE AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-31              |                          | No         |           |            |            | ND                    |                       | 2019-08-01    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030374                                            | B04_09_A          |                    | B04_09_A | 6958 MONTICELLO ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-05-31              |                          | No         |           |            |            | 4.61                  |                       | 2019-06-06    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070912                                            | Ops               | Urgent LSLR        | 153      | HENDERSON ST          | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-06-02              | 2019-06-06               | No         | Emergency |            | Yes        | ND                    |                       | 2019-07-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072680                                            | B08_06_A          |                    | B08_06_A | 301 LAFAYETTE AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-03              | 2019-06-03               | No         |           |            |            | 73.3                  |                       | 2019-06-13    | 1.88                  |                       | 2019-07-29            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025103                                            | B01_07            |                    | B01_07   | 852 JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-03              | 2019-06-03               | No         |           |            |            | 16.9                  |                       | 2019-06-05    | 3.19                  |                       | 2019-11-18            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009036                                            | CEP               |                    | 3627     | CHARLOTTE ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-03              | 2019-06-03               | No         |           |            |            | ND                    |                       | 2019-06-04    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056801                                            | B06_03_A          |                    | B06_03_A | 941 E WARRINGTON AVE  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-04              |                          | No         |           |            |            | ND                    |                       | 2019-06-07    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056682                                            | B06_03_A          |                    | B06_03_A | 718 EXCELSIOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | 2.9                   |                       | 2019-06-04    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5006999                                            | CEP               |                    | 816      | CLARISSA ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | 1.03                  |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071446                                            | B08_06_A          |                    | B08_06_A | 2028 LETSCHE ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-04              |                          | No         |           |            |            | 4.92                  |                       | 2019-06-08    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025100                                            | B01_07            |                    | B01_07   | 845 JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | 4.69                  |                       | 2019-06-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030627                                            | B04_09_A          |                    | B04_09_A | 906 GERRITT ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-04              |                          | No         |           |            |            | ND                    |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023976                                            | B01_07            |                    | B01_07   | 1719 JANCEY ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-04              |                          | No         |           |            |            | 9.35                  |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022303                                            | B01_07            |                    | B01_07   | 905 CHISLETT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | ND                    |                       | 2019-06-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056322                                            | CEP               |                    | 431      | EUREKA ST             | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | 5.11                  |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022302                                            | B01_07            |                    | B01_07   | 903 CHISLETT ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-06-04              | 2019-06-04               | No         |           |            |            | 2.69                  |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072681                                            | B08_06_A          |                    | B08_06_A | 253 LAFAYETTE AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | 3.15                  |                       | 2019-06-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056910                                            | B06_03_A          |                    | B06_03_A | 923 E WARRINGTON AVE  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-04              |                          | No         |           |            |            | ND                    |                       | 2019-06-15    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055830                                            | B06_03_A          |                    | B06_03_A | 813 EUREKA ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-04              |                          | No         |           |            |            | 7.93                  |                       | 2019-06-06    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072772                                            | B08_06_A          |                    | B08_06_A | 338 LAFAYETTE AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-04              | 2019-06-04               | No         |           |            |            | ND                    |                       | 2019-06-06    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025499                                            | B01_07            |                    | B01_07   | 824 JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-05              | 2019-06-05               | No         |           |            |            | 6.76                  |                       | 2019-06-07    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055833                                            | B06_03_A          |                    | B06_03_A | 817 EUREKA ST         |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5048681                                            | CEP               | CEP                | 223   | MANSSION ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-14              |                          | No         |           |            |            | 3.6                   |                       | 2019-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055733                                            | B06_03_A          | B06_03_A           | 613   | EUREKA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-17              | 2019-06-17               | No         |           |            |            | 3.64                  |                       | 2019-06-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055852                                            | B06_03_A          | B06_03_A           | 917   | EUREKA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-17              | 2019-06-17               | No         |           |            |            | 20.9                  |                       | 2019-06-18    | ND                    |                       | 2019-11-26             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070154                                            | B08_06_A          | B08_06_A           | 1800  | BELLEAU ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-17              | 2019-06-17               | No         |           |            |            | 1.44                  |                       | 2019-06-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070186                                            | B08_06_A          | B08_06_A           | 1624  | MEADVILLE ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-17              | 2019-06-17               | No         |           |            |            | 1.63                  |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024478                                            | B01_07            | B01_07             | 1619  | VILLANOVA RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-17              | 2019-06-17               | No         |           |            |            | 11.1                  |                       | 2019-06-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067877                                            | CEP               | CEP                | 1216  | SPRING GARDEN AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-17              |                          | No         |           |            |            | ND                    |                       | 2019-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070768                                            | B08_06_A          | B08_06_A           | 1416  | BOYLE ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-17              |                          | No         |           |            |            | 1.33                  |                       | 2019-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032248                                            | B04_09_B          | B04_09_B           | 7030  | FRANKSTOWN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-17              | 2019-06-17               | No         |           |            |            | 15.4                  |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023575                                            | B01_07            | B01_07             | 1841  | JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-18              | 2019-06-18               | No         |           |            |            | 2.58                  |                       | 2019-07-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024473                                            | B01_07            | B01_07             | 1601  | VILLANOVA RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-18              | 2019-06-18               | No         |           |            |            | 3.12                  |                       | 2019-06-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022266                                            | B01_07            | B01_07             | 1001  | JANCEY ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-18              |                          | No         |           |            |            | 1.12                  |                       | 2019-08-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056600                                            | B06_03_A          | B06_03_A           | 620   | EUREKA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-18              | 2019-06-18               | No         |           |            |            | 1.32                  |                       | 2019-08-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055789                                            | B06_03_A          | B06_03_A           | 909   | MCLAIN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-18              | 2019-06-18               | No         |           |            |            | 1.73                  |                       | 2019-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033182                                            | B04_09_B          | B04_09_B           | 7037  | FRANKSTOWN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-18              | 2019-06-18               | No         |           |            |            | 34                    |                       | 2019-06-19    | 4.25                  |                       | 2019-09-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024480                                            | B01_07            | B01_07             | 1629  | VILLANOVA RD      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-18              | 2019-06-18               | No         |           |            |            | 37.3                  |                       | 2019-06-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000631                                            | Ops               | Urgent LSLR        | 1814  | TUSTIN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-19              | 2019-06-20               | No         | Emergency |            | Yes        | 1.98                  |                       | 2019-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022326                                            | B01_07            | B01_07             | 1022  | CHISLETT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-19              | 2019-06-19               | No         |           |            |            | 2.18                  |                       | 2019-08-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030789                                            | B04_09_A          | B04_09_A           | 6918  | KELLY ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-19              | 2019-06-19               | No         |           |            |            | 2.56                  |                       | 2019-07-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032244                                            | B04_09_B          | B04_09_B           | 7029  | FRANKSTOWN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-19              | 2019-06-19               | No         |           |            |            | 5.98                  |                       | 2019-06-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070171                                            | B08_06_A          | B08_06_A           | 1816  | MEADVILLE ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-19              |                          | No         |           |            |            | 1.78                  |                       | 2019-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5121487                                            | CEP               | CEP                | 41    | MARYLAND AVENUE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-19              | 2019-06-19               | No         |           |            |            | ND                    |                       | 2019-07-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023572                                            | B01_07            | B01_07             | 1847  | JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 1.36                  |                       | 2019-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030705                                            | B04_09_A          | B04_09_A           | 6838  | KELLY ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 4.23                  |                       | 2019-06-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022197                                            | B01_07            | B01_07             | 1175  | CHISLETT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 4.57                  |                       | 2019-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032245                                            | B04_09_B          | B04_09_B           | 7035  | FRANKSTOWN AVE    | Lead                     | PEX                       | PEX                      | Not Replaced              | 2019-06-20              |                          | No         |           |            |            | 2.74                  |                       | 2019-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055725                                            | B06_03_A          | B06_03_A           | 606   | EUREKA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | ND                    |                       | 2019-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023592                                            | B01_07            | B01_07             | 1880  | JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | ND                    |                       | 2019-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070829                                            | B08_06_A          | B08_06_A           | 1412  | SANDUSKY ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 1.87                  |                       | 2019-06-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023719                                            | B01_07            | B01_07             | 7210  | WITHERSPOON ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-06-20              |                          | No         |           |            |            | 2.87                  |                       | 2019-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022149                                            | B01_07            | B01_07             | 1173  | JANCEY ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-06-20              | 2019-06-20               | No         |           |            |            | 1.01                  |                       | 2019-07-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055726                                            | B06_03_A          | B06_03_A           | 608   | EUREKA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 48.3                  |                       | 2019-06-20    | 2.1                   |                       | 2019-09-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023590                                            | B01_07            | B01_07             | 1876  | JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 1.24                  |                       | 2019-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027523                                            | CEP               | CEP                | 617   | COLLINS AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-20              | 2019-06-20               | No         |           |            |            | 3.31                  |                       | 2019-06-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023961                                            | B01_07            | B01_07             | 1803  | JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-21              | 2019-06-21               | No         |           |            |            | 3.14                  |                       | 2019-06-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023591                                            | B01_07            | B01_07             | 1878  | JANCEY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-21              | 2019-06-21               | No         |           |            |            | 1.4                   |                       | 2019-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055208                                            | B06_03_A          | B06_03_A           | 1014  | E WARRINGTON AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-06-21              | 2019-06-21               | No         |           |            |            | 1.34                  |                       | 2019-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024392                                            | B01_07            | B01_07             | 1642  |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5072726                                            | B08_06_B          | B08_06_B           | 2328  | MAPLE AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-11              | 2019-07-11               | No         |           |            |            | 2.35                  |                       | 2019-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072420                                            | B08_06_B          | B08_06_B           | 313   | E MCINTYRE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-11              | 2019-07-11               | No         |           |            |            | 59.3                  |                       | 2019-07-12    | 2.26                  |                       | 2019-08-26             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049594                                            | ND                | CEP                | 886   | KENNEBEC ST    | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2019-07-11               | No         |           |            |            | ND                    |                       | 2019-07-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072415                                            | B08_06_B          | B08_06_B           | 401   | E BURGESS ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-11              |                          | No         |           |            |            | ND                    |                       | 2019-07-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033289                                            | B04_09_B          | B04_09_B           | 7209  | MONTICELLO ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-11              | 2019-07-11               | No         |           |            |            | 1.79                  |                       | 2019-07-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057400                                            | B06_03_A          | B06_03_A           | 1339  | ARLINGTON AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-12              | 2019-07-12               | No         |           |            |            | 12.7                  |                       | 2019-07-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042629                                            | B07_05_A          | B07_05_A           | 6353  | CROMBIE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-12              | 2019-07-12               | No         |           |            |            | 3.58                  |                       | 2019-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055219                                            | B06_03_A          | B06_03_A           | 12    | E AMANDA AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-12              | 2019-07-12               | No         |           |            |            | 2.13                  |                       | 2019-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072380                                            | B08_06_B          | B08_06_B           | 2333  | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-12              | 2019-07-12               | No         |           |            |            | 3.04                  |                       | 2019-07-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042712                                            | B07_05_A          | B07_05_A           | 6352  | CROMBIE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-12              | 2019-07-12               | No         |           |            |            | 1.77                  |                       | 2019-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055370                                            | B06_03_A          | B06_03_A           | 14    | E AMANDA AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-15              | 2019-07-15               | No         |           |            |            | 10.1                  |                       | 2019-07-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038482                                            | B07_05_A          | B07_05_A           | 6341  | CROMBIE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-15              | 2019-07-15               | No         |           |            |            | ND                    |                       | 2019-07-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072107                                            | B08_06_B          | B08_06_B           | 2534  | MAPLE AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-15              |                          | No         |           |            |            | 1.41                  |                       | 2019-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072100                                            | B08_06_B          | B08_06_B           | 2504  | MAPLE AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-15              |                          | No         |           |            |            | 1.35                  |                       | 2019-09-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072311                                            | B08_06_B          | B08_06_B           | 2415  | MAPLE AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-15              | 2019-07-15               | No         |           |            |            | 1.44                  |                       | 2019-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052460                                            | CEP               | CEP                | 2830  | SARAH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-15              | 2019-07-15               | No         |           |            |            | ND                    |                       | 2019-07-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072421                                            | B08_06_B          | B08_06_B           | 311   | E MCINTYRE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-16              | 2019-07-16               | No         |           |            |            | 1.25                  |                       | 2019-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055824                                            | B06_03_A          | B06_03_A           | 2     | ALLEN ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-07-16              | 2019-07-16               | No         |           |            |            | ND                    |                       | 2019-09-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057402                                            | B06_03_A          | B06_03_A           | 1335  | ARLINGTON AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-16              | 2019-07-16               | No         |           |            |            | ND                    |                       | 2019-09-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054638                                            | CEP               | CEP                | 2016  | SARAH ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-07-16              | 2019-07-16               | No         |           |            |            | 3.72                  |                       | 2019-07-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038961                                            | B07_05_A          | B07_05_A           | 6330  | CROMBIE ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-07-16              | 2019-07-16               | No         |           |            |            | 2.2                   |                       | 2019-07-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072429                                            | B08_06_B          | B08_06_B           | 2440  | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-16              | 2019-07-16               | No         |           |            |            | 5.27                  |                       | 2019-07-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032702                                            | B04_09_B          | B04_09_B           | 7045  | HERMITAGE ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-16              | 2019-07-16               | No         |           |            |            | 2.81                  |                       | 2019-07-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057340                                            | B06_03_A          | B06_03_A           | 1507  | ARLINGTON AVE  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-16              |                          | No         |           |            |            | ND                    |                       | 2019-07-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042642                                            | B07_05_A          | B07_05_A           | 6353  | WALDRON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | ND                    |                       | 2019-08-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057193                                            | B06_03_A          | B06_03_A           | 1320  | ARLINGTON AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | 1.18                  |                       | 2019-07-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071973                                            | B08_06_B          | B08_06_B           | 2527  | MAPLE AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | 24.2                  |                       | 2019-07-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072341                                            | B08_06_B          | B08_06_B           | 2449  | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | ND                    |                       | 2019-08-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048976                                            | CEP               | CEP                | 66    | CUST ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-17              |                          | No         |           |            |            | 3.81                  |                       | 2019-07-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038488                                            | B07_05_A          | B07_05_A           | 6321  | CROMBIE ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-17              |                          | No         |           |            |            | ND                    |                       | 2019-07-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072343                                            | B08_06_B          | B08_06_B           | 2445  | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | 5.75                  |                       | 2019-08-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072344                                            | B08_06_B          | B08_06_B           | 2443  | HAZELTON ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | 3.56                  |                       | 2019-07-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042644                                            | B07_05_A          | B07_05_A           | 6357  | WALDRON ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-07-17              |                          | No         |           |            |            | ND                    |                       | 2019-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065348                                            | CEP               | CEP                | 1204  | SUCCESS ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-17              | 2019-07-17               | No         |           |            |            | 2.13                  |                       | 2019-09-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038489                                            | B07_05_A          | B07_05_A           | 6319  | CROMBIE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-18              | 2019-07-18               | No         |           |            |            | 27.5                  |                       | 2019-07-19    | ND                    |                       | 2019-12-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038959                                            | B07_05_A          | B07_05_A           | 6338  | CROMBIE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-18              | 2019-07-18               | No         |           |            |            | 31.7                  |                       | 2019-07-22    | ND                    |                       | 2020-01-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072103                                            | B08_06_B          | B08_06_B           | 2518  | MAPLE AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-07-18              | 2019-07-18               | No         |           |            |            | ND                    |                       | 2019-07-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033140                                            | B04_09_B          | B04_09_B           | 7123  |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                    |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|--------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street             | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5006663                                            | CEP               | CEP                | 3362  | AIAX ST            | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-08-02              | 2019-08-02               | No         |           |            |            | 1.36                  |                       | 2019-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072258                                            | B08_06_B          | B08_06_B           | 101   | W MCINTYRE AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-02              |                          | No         |           |            |            | ND                    |                       | 2019-09-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033147                                            | B04_09_B          | B04_09_B           | 7157  | IDLEWILD ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-02              |                          | No         |           |            |            | 1.26                  |                       | 2019-08-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042658                                            | B07_05_A          | B07_05_A           | 6362  | PHILLIPS AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | ND                    |                       | 2019-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058422                                            | B05_02_A          | B05_02_A           | 352   | GRACE ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | 20                    |                       | 2019-08-06    | ND                    |                       | 2020-02-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033165                                            | B04_09_B          | B04_09_B           | 7118  | IDLEWILD ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | 2.42                  |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068491                                            | CEP               | CEP                | 9     | WOESSNER ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-08-05              | 2019-08-05               | No         |           |            |            | 14.3                  |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033397                                            | B04_09_B          | B04_09_B           | 7231  | IDLEWILD ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-05              |                          | No         |           |            |            | 6.45                  |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038993                                            | B07_05_A          | B07_05_A           | 2546  | BEECHWOOD BLVD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | 1.08                  |                       | 2019-10-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042659                                            | B07_05_A          | B07_05_A           | 6360  | PHILLIPS AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-05              |                          | No         |           |            |            | ND                    |                       | 2020-01-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038515                                            | B07_05_A          | B07_05_A           | 6347  | WALDRON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | ND                    |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008403                                            | CEP               | CEP                | 3734  | LIBERTY AVE        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2019-08-05               | No         |           |            |            | 6.76                  |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058547                                            | B05_02_A          | B05_02_A           | 324   | MAPLE TER          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | 4.9                   |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038539                                            | B07_05_A          | B07_05_A           | 6338  | PHILLIPS AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-05              |                          | No         |           |            |            | 10.8                  |                       | 2019-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072589                                            | B08_06_B          | B08_06_B           | 217   | W BURGESS ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-05              |                          | No         |           |            |            | 1.86                  |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072575                                            | B08_06_B          | B08_06_B           | 222   | W BURGESS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-05              | 2019-08-05               | No         |           |            |            | ND                    |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071790                                            | B08_06_B          | B08_06_B           | 538   | CHESTER AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | 5.92                  |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058427                                            | B05_02_A          | B05_02_A           | 342   | GRACE ST           | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-06              |                          | No         |           |            |            | 1.7                   |                       | 2019-08-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060152                                            | Water Relay       | CEP                | 219   | FINGAL ST          | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2019-08-06               | No         |           |            |            | 2.02                  |                       | 2019-09-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058576                                            | B05_02_A          | B05_02_A           | 315   | MAPLE TER          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | ND                    |                       | 2019-08-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032712                                            | B04_09_B          | B04_09_B           | 7149  | HERMITAGE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | ND                    |                       | 2019-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038523                                            | B07_05_A          | B07_05_A           | 6327  | WALDRON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | 4.18                  |                       | 2019-08-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038506                                            | B07_05_A          | B07_05_A           | 6324  | WALDRON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | 8.48                  |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071789                                            | B08_06_B          | B08_06_B           | 536   | CHESTER AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | 1.68                  |                       | 2019-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072580                                            | B08_06_B          | B08_06_B           | 234   | W BURGESS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-06              | 2019-08-06               | No         |           |            |            | ND                    |                       | 2019-08-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058425                                            | B05_02_A          | B05_02_A           | 348   | GRACE ST           | Lead                     | PEX                       | PEX                      | Not Replaced              | 2019-08-06              |                          | No         |           |            |            | ND                    |                       | 2019-08-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058551                                            | B05_02_A          | B05_02_A           | 340   | MAPLE TER          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-06              |                          | No         |           |            |            | ND                    |                       | 2019-09-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042738                                            | B07_05_A          | B07_05_A           | 2542  | BEECHWOOD BLVD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-07              | 2019-08-07               | No         |           |            |            | 40.8                  |                       | 2019-08-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058631                                            | B05_02_A          | B05_02_A           | 110   | NATCHEZ ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-07              | 2019-08-07               | No         |           |            |            | 1.96                  |                       | 2019-08-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042741                                            | B07_05_A          | B07_05_A           | 2557  | BEECHWOOD BLVD     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-07              |                          | No         |           |            |            | 3.77                  |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058550                                            | B05_02_A          | B05_02_A           | 334   | MAPLE TER          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-07              | 2019-08-07               | No         |           |            |            | 2.63                  |                       | 2019-08-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072689                                            | B08_06_B          | CEP                | 2212  | FEDERAL STREET EXT | PEX                      | Lead                      | Not Replaced             | Copper                    |                         | 2019-08-07               | No         |           |            |            | 41.7                  |                       | 2019-08-08    | ND                    |                       | 2020-03-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071807                                            | B08_06_B          | B08_06_B           | 20    | RUSSELL ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-07              | 2019-08-07               | No         |           |            |            | ND                    |                       | 2019-08-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038516                                            | B07_05_A          | B07_05_A           | 6345  | WALDRON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-07              | 2019-08-07               | No         |           |            |            | 1.93                  |                       | 2019-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072536                                            | B08_06_B          | B08_06_B           | 311   | W BURGESS ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-07              |                          | No         |           |            |            | 1.02                  |                       | 2019-08-09    | ND                    |                       | 2019-08-18             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058608                                            | B05_02_A          | B05_02_A           | 19    | NATCHEZ ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-07              |                          | No         |           |            |            | ND                    |                       | 2019-08-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071305                                            | B08_06_B          | B08_06_B           | 2143  | PERRYSVILLE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-07              | 2019-08-07               | No         |           |            |            | 93.7                  |                       | 2019-08-07    | 18.2                  |                       | 2019-09-09             | 1.02                  |                       | 2019-11-08    |                       |                       |               |                       |                       |               |
| 5032798                                            | B04_09_B          | B04_09_B           | 7319  | UPLAND ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-07              |                          | No         |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5071263                                            | B08_06_B          | B08_06_B           | 236       | LANGLEY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-21               | No         |           |            |            |                       |                       | 2019-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038981                                            | B07_05_A          | B07_05_A           | 6417      | NICHOLSON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-21               | No         |           |            |            | 1.21                  |                       | 2019-08-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033887                                            | B04_09_B          | B04_09_B           | 7366      | HAMILTON AVE   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-08-21              | 2019-08-21               | No         |           |            |            | ND                    |                       | 2019-08-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061369                                            | B05_02_A          | B05_02_A           | 245       | PAUL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-21               | No         |           |            |            | 8.96                  |                       | 2020-01-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033278                                            | B04_09_B          | B04_09_B           | 7309      | MONTICELLO ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-21               | No         |           |            |            | 1.29                  |                       | 2019-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039000                                            | B07_05_A          | B07_05_A           | 2329      | TILBURY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-21               | No         |           |            |            | ND                    |                       | 2019-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042719                                            | B07_05_A          | B07_05_A           | 6445      | NICHOLSON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-21               | No         |           |            |            | ND                    |                       | 2019-10-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059408                                            | B05_02_A          | B05_02_A           | 142       | SOUTHERN AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-21              | 2019-08-22               | No         |           |            | Yes        | ND                    |                       | 2019-09-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039001                                            | B07_05_A          | B07_05_A           | 2331      | TILBURY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 35.3                  |                       | 2019-08-24    | 1.07                  |                       | 2020-02-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038829                                            | B07_05_A          | B07_05_A           | 6320      | FORWARD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | ND                    |                       | 2020-01-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039006                                            | B07_05_A          | B07_05_A           | 2345-2347 | TILBURY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | ND                    |                       | 2019-08-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059407                                            | B05_02_A          | B05_02_A           | 144       | SOUTHERN AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 23.8                  |                       | 2019-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008759                                            | Herron Ave Relay  | Herron Ave Relay   | 1018      | HERRON AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | ND                    |                       | 2019-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034140                                            | B04_09_B          | B04_09_B           | 7518      | TIOGA ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 7.52                  |                       | 2019-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071240                                            | B08_06_B          | B08_06_B           | 2015      | DRUM ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 3.96                  |                       | 2019-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5047701                                            | CEP               | CEP                | 138       | HAZELWOOD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 2                     |                       | 2019-12-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059442                                            | B05_02_A          | B05_02_A           | 141       | SOUTHERN AVE   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-22              |                          | No         |           |            |            | 1.23                  |                       | 2019-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061378                                            | B05_02_A          | B05_02_A           | 225       | PAUL ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-08-22              | 2019-08-22               | No         |           |            |            | 10.7                  |                       | 2019-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061368                                            | B05_02_A          | B05_02_A           | 249       | PAUL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 1.22                  |                       | 2019-11-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039002                                            | B07_05_A          | B07_05_A           | 2333      | TILBURY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-22              | 2019-08-22               | No         |           |            |            | 164                   |                       | 2019-08-23    | ND                    |                       | 2022-12-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039023                                            | B07_05_A          | B07_05_A           | 6338      | FORWARD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-23              | 2019-08-23               | No         |           |            |            | 1.3                   |                       | 2019-09-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008761                                            | Herron Ave Relay  | Herron Ave Relay   | 1022      | HERRON AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-23              | 2019-08-23               | No         |           |            |            | 7                     |                       | 2019-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071260                                            | B08_06_B          | B08_06_B           | 228       | LANGLEY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-23              | 2019-08-23               | No         |           |            |            | ND                    |                       | 2019-12-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033886                                            | B04_09_B          | B04_09_B           | 7364      | HAMILTON AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-23              | 2019-08-23               | No         |           |            |            | ND                    |                       | 2019-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061376                                            | B05_02_A          | B05_02_A           | 239       | PAUL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | ND                    |                       | 2019-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059403                                            | B05_02_A          | B05_02_A           | 154       | SOUTHERN AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | ND                    |                       | 2019-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042729                                            | B07_05_A          | B07_05_A           | 2514      | BEECHWOOD BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | 1.31                  |                       | 2019-08-29    | 2.36                  |                       | 2019-09-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033839                                            | B04_09_B          | B04_09_B           | 563       | RICHLAND LN    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | 9.14                  |                       | 2019-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008757                                            | Herron Ave Relay  | Herron Ave Relay   | 1014      | HERRON AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | 18                    |                       | 2019-08-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071264                                            | B08_06_B          | B08_06_B           | 238       | LANGLEY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | 1.3                   |                       | 2019-10-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069990                                            | B08_06_B          | B08_06_B           | 533       | MCCLINTOCK AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | ND                    |                       | 2019-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038971                                            | B07_05_A          | B07_05_A           | 2305      | TILBURY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | 18.3                  |                       | 2019-08-27    | 1.94                  |                       | 2020-04-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059086                                            | B05_02_A          | B05_02_A           | 125       | SOUTHERN AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-26              | 2019-08-26               | No         |           |            |            | 2.42                  |                       | 2019-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025253                                            | Ops               | Urgent LSLR        | 1142      | PORTLAND ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-27              | 2019-08-31               | No         | Emergency |            | Yes        | ND                    |                       | 2019-11-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069824                                            | B08_06_B          | B08_06_B           | 35        | OVERLOOK ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-27              |                          | No         |           |            |            | 26.7                  |                       | 2019-09-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061360                                            | B05_02_A          | B05_02_A           | 240       | PAUL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-08-27              | 2019-08-27               | No         |           |            |            | 3.73                  |                       | 2019-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070011                                            | B08_06_B          | B08_06_B           | 543       | NORMAN ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-08-27              |                          | No         |           |            |            | ND                    |                       | 2019-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                     |                     |           |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|---------------------|---------------------|-----------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public   | Work Order Private  | House     | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5065361                                            | B08_06_B            | B08_06_B            | 1211      | ISLAND AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-11              | 2019-09-11               | No         |           |            |            | 12.8                  |                       | 2019-09-12    | ND                    |                       | 2020-02-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061411                                            | B05_02_A            | B05_02_A            | 219       | ALBERT ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-11              | 2019-09-11               | No         |           |            |            | 3.34                  |                       | 2019-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059072                                            | B05_02_A            | B05_02_A            | 80        | GREENBUSH ST REAR | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-11              | 2019-09-11               | No         |           |            |            | 8.1                   |                       | 2019-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039325                                            | B07_05_A            | B07_05_A            | 6210      | MONITOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 29.6                  |                       | 2019-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058836                                            | CEP                 | CEP                 | 454       | NATCHEZ ST        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2019-09-12               | No         |           |            |            | 4.45                  |                       | 2019-09-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038937                                            | B07_05_A            | B07_05_A            | 2328      | SHADY AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 3.92                  |                       | 2019-09-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039226                                            | B07_05_A            | B07_05_A            | 6377-6379 | ALDERSON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 5.96                  |                       | 2019-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039035                                            | B07_05_A            | B07_05_A            | 2332      | TILBURY AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 6.21                  |                       | 2019-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072126                                            | B08_06_B            | B08_06_B            | 2644.5    | N CHARLES ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 4.47                  |                       | 2019-09-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070521                                            | B08_06_B            | B08_06_B            | 1724      | BRIGHTON RD       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-09-12              |                          | No         |           |            |            | 1.28                  |                       | 2019-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061399                                            | B05_02_A            | B05_02_A            | 249       | ALBERT ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 3.24                  |                       | 2019-11-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039333                                            | B07_05_A            | B07_05_A            | 4025      | LUDWICK ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 5.27                  |                       | 2019-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039249                                            | B07_05_A            | B07_05_A            | 6399      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-13               | No         |           |            | Yes        | 5.06                  |                       | 2019-09-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008753                                            | Herron Ave Relay    | Herron Ave Relay    | 958       | HERRON AVE        | Copper                   | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 1.05                  |                       | 2019-09-14    | ND                    |                       | 2019-09-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065353                                            | B08_06_B            | B08_06_B            | 1125      | ISLAND AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-12              | 2019-09-12               | No         |           |            |            | 1.2                   |                       | 2019-09-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061112                                            | B05_02_A            | B05_02_A            | 622       | CHESS ST          | Lead                     | PEX                       | PEX                      | Not Replaced              | 2019-09-12              |                          | No         |           |            |            | ND                    |                       | 2019-11-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061392                                            | B05_02_A            | B05_02_A            | 232       | ALBERT ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-09-13              | 2019-09-13               | No         |           |            |            | 2.5                   |                       | 2019-09-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039209                                            | B07_05_A            | B07_05_A            | 6319      | ALDERSON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-13              | 2019-09-13               | No         |           |            |            | 3.62                  |                       | 2019-11-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039297                                            | B07_05_A            | B07_05_A            | 2609      | TILBURY AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-13              | 2019-09-13               | No         |           |            |            | 1.13                  |                       | 2019-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061407                                            | B05_02_A            | B05_02_A            | 28        | ALBERT ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-13              | 2019-09-13               | No         |           |            |            | ND                    |                       | 2019-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039296                                            | B07_05_A            | B07_05_A            | 2611      | TILBURY AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-13              | 2019-09-13               | No         |           |            |            | ND                    |                       | 2019-09-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022457                                            | Ops                 | Urgent LSLR         | 5333      | CARNEGIE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-10-21               | No         | Emergency |            | Yes        | ND                    |                       | 2019-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061406                                            | B05_02_A            | B05_02_A            | 231       | ALBERT ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 3.24                  |                       | 2019-09-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039190                                            | B07_05_A            | B07_05_A            | 6357      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 2.09                  |                       | 2019-09-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038443                                            | B07_05_A            | B07_05_A            | 2282      | SHADY AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 2.57                  |                       | 2019-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039240                                            | B07_05_A            | B07_05_A            | 6360      | ALDERSON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 27                    |                       | 2019-12-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039179                                            | B07_05_A            | B07_05_A            | 6319      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 5.31                  |                       | 2019-09-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059118                                            | B05_02_A            | B05_02_A            | 15        | GREENBUSH ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 1.53                  |                       | 2019-09-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080246                                            | CEP                 | CEP                 | 3967      | MCCLURE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 17.3                  |                       | 2019-09-17    | 3.56                  |                       | 2020-02-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039293                                            | B07_05_A            | B07_05_A            | 2619      | TILBURY AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 4.91                  |                       | 2019-09-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061402                                            | B05_02_A            | B05_02_A            | 243       | ALBERT ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-16              | 2019-09-16               | No         |           |            |            | 1.45                  |                       | 2019-09-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039294                                            | B07_05_A            | B07_05_A            | 2617      | TILBURY AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-17              | 2019-09-17               | No         |           |            |            | ND                    |                       | 2019-09-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039253                                            | B07_05_A            | B07_05_A            | 6373      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-17              | 2019-09-17               | No         |           |            |            | 2.72                  |                       | 2019-09-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054136                                            | Fox Way Water Relay | Fox Way Water Relay | 1908      | FOX WAY           | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-17              | 2019-09-17               | No         |           |            |            | 1.24                  |                       | 2019-11-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039292                                            | B07_05_A            | B07_05_A            | 2621      | TILBURY AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-17              | 2019-09-17               | No         |           |            |            | ND                    |                       | 2019-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038441                                            | B07_05_A            | B07_05_A            | 2276      | SHADY AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-09-17              | 2019-09-17               | No         |           |            |            | 2.18                  |                       | 2019-09-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065357                                            | B08_06_B            | B08_06_B</          |           |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result_ppb3_Draw1 | Lab Result_ppb3_Draw5 | Dt Collected3 | Lab Result_ppb4_Draw1 | Lab Result_ppb4_Draw5 | Dt Collected4 | Lab Result_ppb5_Draw1 | Lab Result_ppb5_Draw5 | Dt Collected5 |
| 5038468                                            | B07_05_A          | B07_05_A           | 2275  | SHADY AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-01              |                          | No         |           |            |            | 1.61                  |                       | 2019-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038457                                            | B07_05_A          | B07_05_A           | 6346  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 13.1                  |                       | 2019-10-06    | 10.6                  |                       | 2020-02-03             | 1.61                  |                       | 2020-04-04    |                       |                       |               |                       |                       |               |
| 5033765                                            | B04_09_B          | B04_09_B           | 7232  | HAMILTON AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | ND                    |                       | 2019-11-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039303                                            | B07_05_A          | B07_05_A           | 6423  | FORWARD AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 1.15                  |                       | 2019-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071205                                            | B08_06_B          | B08_06_B           | 2133  | HOLYOKE ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 7.77                  |                       | 2019-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071706                                            | B08_06_B          | B08_06_B           | 2536  | IRWIN AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 4.69                  |                       | 2019-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039542                                            | B07_05_A          | B07_05_A           | 2737  | BEECHWOOD BLVD  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-03               | No         |           |            | Yes        | 28.5                  |                       | 2019-10-04    | ND                    |                       | 2020-02-24             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059042                                            | B05_02_A          | B05_02_A           | 64    | SOUTHERN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 5.7                   |                       | 2019-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071681                                            | B08_06_B          | B08_06_B           | 633   | MARSHALL AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | ND                    |                       | 2019-10-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050188                                            | B07_05_B          | B07_05_B           | 715   | MONTCLAIR ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 5.9                   |                       | 2019-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058615                                            | B05_02_A          | B05_02_A           | 50    | SOUTHERN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-02              | 2019-10-02               | No         |           |            |            | 13.4                  |                       | 2019-10-03    | ND                    |                       | 2020-02-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041063                                            | Ops               | Urgent LSLR        | 524   | HASTINGS ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-17               | No         | Emergency |            | Yes        | 8.11                  |                       | 2019-10-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039452                                            | B07_05_A          | B07_05_A           | 6330  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 12.9                  |                       | 2019-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071705                                            | B08_06_B          | B08_06_B           | 2538  | IRWIN AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | ND                    |                       | 2019-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061359                                            | B05_02_A          | B05_02_A           | 238   | PAUL ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 53.6                  |                       | 2019-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039150                                            | B07_05_A          | B07_05_A           | 6343  | BURCHFIELD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 4.68                  |                       | 2019-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059046                                            | B05_02_A          | B05_02_A           | 51    | SOUTHERN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 1.62                  |                       | 2019-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072613                                            | B08_06_B          | CEP_02             | 2225  | PERRYVILLE AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         |                          | No         |           |            |            | 1.26                  |                       | 2019-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061514                                            | B05_02_A          | B05_02_A           | 350   | ALBERT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 9.32                  |                       | 2019-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071629                                            | B08_06_B          | B08_06_B           | 607   | MARSHALL AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-03              |                          | No         |           |            |            | 212                   |                       | 2019-10-03    | ND                    |                       | 2020-02-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072223                                            | B08_06_B          | B08_06_B           | 22    | KENWOOD AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 5.66                  |                       | 2019-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071652                                            | B08_06_B          | B08_06_B           | 829   | MARSHALL AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-03              | 2019-10-03               | No         |           |            |            | 3.59                  |                       | 2019-10-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073827                                            | Ops               | B02_01_B           | 225   | MARSHALL AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-05               | No         | Emergency |            | Yes        | 2.15                  |                       | 2020-07-11    | ND                    |                       | 2020-07-20             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058616                                            | B05_02_A          | B05_02_A           | 52    | SOUTHERN AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-04              |                          | No         |           |            |            | ND                    |                       | 2019-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039324                                            | B07_05_A          | B07_05_A           | 6206  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-04               | No         |           |            |            | 1.9                   |                       | 2019-10-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059428                                            | B05_02_A          | B05_02_A           | 2     | DE WITT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-04               | No         |           |            |            | ND                    |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038940                                            | CEP               | CEP                | 2320  | SHADY AVE       | Copper                   | Lead                      | Not Replaced             | Copper                    |                         |                          | No         |           |            |            | ND                    |                       | 2019-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050177                                            | B07_05_B          | B07_05_B           | 743   | MONTCLAIR ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-04               | No         |           |            |            | 1.29                  |                       | 2019-10-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056319                                            | CEP_02            | CEP_02             | 423   | EUREKA ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-04               | No         |           |            |            | ND                    |                       | 2019-12-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058982                                            | B05_02_A          | B05_02_A           | 92    | SOUTHERN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-04               | No         |           |            |            | ND                    |                       | 2019-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061285                                            | B05_02_A          | B05_02_A           | 521   | GRIFFIN ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-04              | 2019-10-04               | No         |           |            |            | 12.2                  |                       | 2019-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075278                                            | B02_01_B          | B02_01_B           | 259   | WATSON BLVD     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-07              |                          | No         |           |            |            | 1.35                  |                       | 2019-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5120151                                            | B02_01_B          | B02_01_B           | 292   | WATSON BLVD     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-07              |                          | No         |           |            |            | ND                    |                       | 2019-11-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071654                                            | B08_06_B          | B08_06_B           | 837   | MARSHALL AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-07              | 2019-10-07               | No         |           |            |            | 6.31                  |                       | 2019-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039262                                            | B07_05_A          | B07_05_A           | 2774  | BEECHWOOD BLVD  | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-10-08              | 2019-10-08               | No         |           |            |            | 1.24                  |                       | 2020-04-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039162                                            | B07_05_A          | B07_05_A           | 6358  | MORROWFIELD AVE | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-10-08              | 2019-10-08               | No         |           |            |            | 8.64                  |                       | 2019-10-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039464                                            | B07_05_A          | B07_05_A           | 6368  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-08              | 2019-10-08               | No         |           |            |            | 5.2                   |                       | 2019-10-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5039030                                            | B07_05_A          | B07_05_A           | 2350  | TILBURY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-21              | 2019-10-21               | No         |           |            |            | ND                    |                       | 2019-12-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073567                                            | B02_01_B          | B02_01_B           | 41    | WATSON BLVD    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-21              |                          | No         |           |            |            | 11                    |                       |               | ND                    |                       | 2020-02-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040138                                            | B07_05_A          | B07_05_A           | 3071  | BEECHWOOD BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-21              | 2019-10-21               | No         |           |            |            | 2.79                  |                       | 2019-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039697                                            | B07_05_A          | B07_05_A           | 6437  | LANDVIEW RD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-21              | 2019-10-21               | No         |           |            |            | 1.5                   |                       | 2019-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025699                                            | CEP_02            |                    | 5528  | JACKSON ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-21              | 2019-10-21               | No         |           |            |            | 8.07                  |                       | 2019-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061728                                            | B05_02_A          | B05_02_A           | 228   | JASPER ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-21              |                          | No         |           |            |            | 17.6                  |                       | 2019-10-22    | ND                    |                       | 2020-02-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061727                                            | B05_02_A          | B05_02_A           | 226   | JASPER ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-21              |                          | No         |           |            |            | 11.7                  |                       | 2019-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046858                                            | B07_05_B          | B07_05_B           | 654   | MONTCLAIR ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-21              | 2019-10-21               | No         |           |            |            | 4.76                  |                       | 2019-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073577                                            | B02_01_B          | B02_01_B           | 36    | WATSON BLVD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-22              | 2019-10-22               | No         |           |            |            | 3.3                   |                       | 2019-10-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073562                                            | B02_01_B          | B02_01_B           | 67    | WATSON BLVD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-22              | 2019-10-22               | No         |           |            |            | 1.6                   |                       | 2019-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020876                                            | Ops               | Urgent LSLR        | 6924  | CHURCHLAND ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-26               | No         | Emergency |            | Yes        | 1.58                  |                       | 2019-10-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039692                                            | B07_05_A          | B07_05_A           | 6424  | LANDVIEW RD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | ND                    |                       | 2019-11-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073426                                            | B02_01_B          | B02_01_B           | 91    | WATSON BLVD    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-10-23              | 2019-10-23               | No         |           |            |            | 2.85                  |                       | 2019-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039699                                            | B07_05_A          | B07_05_A           | 6427  | LANDVIEW RD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 5.91                  |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073578                                            | B02_01_B          | B02_01_B           | 38    | WATSON BLVD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 1.04                  |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046828                                            | B07_05_B          | B07_05_B           | 635   | MONTCLAIR ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 9.43                  |                       | 2019-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039491                                            | B07_05_A          | B07_05_A           | 6380  | BURCHFIELD AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-23              |                          | No         |           |            |            | 22.5                  |                       | 2019-10-24    | 2.41                  |                       | 2020-02-11             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073569                                            | B02_01_B          | B02_01_B           | 37    | WATSON BLVD    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-23              |                          | No         |           |            |            | 1.04                  |                       | 2019-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049953                                            | B07_05_B          | B07_05_B           | 968   | DEELY ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 1.04                  |                       | 2019-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039265                                            | B07_05_A          | B07_05_A           | 6377  | BURCHFIELD AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 24.4                  |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073938                                            | B02_01_B          | B02_01_B           | 353   | MARSHALL AVE   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-23              |                          | No         |           |            |            | 21.6                  |                       | 2019-10-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073937                                            | B02_01_B          | B02_01_B           | 351   | MARSHALL AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 2000                  |                       | 2019-10-27    | 1.5                   |                       | 2019-11-18             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008643                                            | CEP_02            | CEP_02             | 3429  | BETHOVEN ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 30.1                  |                       | 2019-10-24    | 25.3                  |                       | 2020-02-17             | 1.26                  |                       | 2020-04-29    |                       |                       |               |                       |                       |               |
| 5059549                                            | B05_02_A          | B05_02_A           | 34    | RUTH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-23              | 2019-10-23               | No         |           |            |            | 7                     |                       | 2019-12-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046861                                            | B07_05_B          | B07_05_B           | 646   | MONTCLAIR ST   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-10-24              | 2019-10-24               | No         |           |            |            | 4.1                   |                       | 2019-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059102                                            | B05_02_A          | B05_02_A           | 61    | GREENBUSH ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 2.61                  |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040033                                            | B07_05_A          | B07_05_A           | 4307  | LUDWICK ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | ND                    |                       | 2019-10-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060767                                            | B05_02_B          | B05_02_B           | 506   | AUGUSTA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 1.58                  |                       | 2019-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040149                                            | B07_05_A          | B07_05_A           | 3117  | BEECHWOOD BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 7.33                  |                       | 2019-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046860                                            | B07_05_B          | B07_05_B           | 648   | MONTCLAIR ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-24              |                          | No         |           |            |            | 7.81                  |                       | 2019-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059552                                            | B05_02_A          | B05_02_A           | 42    | RUTH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 6.14                  |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046424                                            | B07_05_B          | B07_05_B           | 911   | DEELY ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 3.1                   |                       | 2019-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073933                                            | B02_01_B          | B02_01_B           | 337   | MARSHALL AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 8.74                  |                       | 2019-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060768                                            | B05_02_B          | B05_02_B           | 504   | AUGUSTA ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-10-24              |                          | No         |           |            |            | ND                    |                       | 2019-10-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075328                                            | B02_01_B          | B02_01_B           | 163   | WATSON BLVD    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 6.18                  |                       | 2019-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075703                                            | A11_01            | CEP_02             | 4052  | FRANKLIN RD    | Copper                   | Lead                      | Not Replaced             | Copper                    | 2019-10-24              | 2019-10-24               | No         |           |            |            | 2.34                  |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073909                                            | B02_01_B          | B02_01_B           | 2717  | NORWOOD AVE    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-10-25              | 2019-10-25               | No         |           |            |            | ND                    |                       | 2019-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                         |                         |       |                  |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------------|-------------------------|-------|------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public       | Work Order Private      | House | Street           | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5073424                                            | B02_01_B                | B02_01_B                | 3336  | DELAWARE ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-07              | 2019-11-07               | No         |           |            |            | 11.5                  |                       | 2019-11-09    | ND                    |                       | 2020-02-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050359                                            | B07_05_B                | B07_05_B                | 3415  | BEECHWOOD BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-07              | 2019-11-07               | No         |           |            |            | 2.64                  |                       | 2019-11-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045617                                            | B07_05_B                | B07_05_B                | 817   | DEELY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-07              | 2019-11-07               | No         |           |            |            | 6                     |                       | 2019-11-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060498                                            | B05_02_B                | B05_02_B                | 324   | AUGUSTA ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-11-07              | 2019-11-07               | No         |           |            |            | ND                    |                       | 2019-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046790                                            | B07_05_B                | B07_05_B                | 4319  | TESLA ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-07              |                          | No         |           |            |            | ND                    |                       | 2019-11-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046800                                            | B07_05_B                | B07_05_B                | 4303  | TESLA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-08              | 2019-11-09               | No         |           |            | Yes        | 1.45                  |                       | 2019-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050105                                            | B07_05_B                | B07_05_B                | 3469  | BEECHWOOD BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-08              | 2019-11-09               | No         |           |            | Yes        | 2                     |                       | 2019-11-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073560                                            | B02_01_B                | B02_01_B                | 3232  | ORLEANS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-08              | 2019-11-08               | No         |           |            |            | 12.5                  |                       | 2019-11-11    | 4.77                  |                       | 2020-03-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039130                                            | B07_05_A                | B07_05_A                | 2825  | SHADY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-08              | 2019-11-08               | No         |           |            |            | 5.86                  |                       | 2019-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073874                                            | B02_01_B                | B02_01_B                | 315   | MARSHALL AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-08              | 2019-11-08               | No         |           |            |            | ND                    |                       | 2019-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039989                                            | B07_05_B                | B07_05_B                | 4265  | SALINE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-08              |                          | No         |           |            |            | 2.13                  |                       | 2019-11-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050164                                            | B07_05_B                | B07_05_B                | 4264  | SALINE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-08              | 2019-11-09               | No         |           |            | Yes        | 6.26                  |                       | 2019-11-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060555                                            | B05_02_B                | B05_02_B                | 343   | SWEETBRIAR ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-11              |                          | No         |           |            |            | ND                    |                       | 2019-11-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050098                                            | B07_05_B                | B07_05_B                | 3487  | BEECHWOOD BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-11              | 2019-11-11               | No         |           |            |            | 6.84                  |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073394                                            | B02_01_B                | B02_01_B                | 3347  | DELAWARE ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-11              |                          | No         |           |            |            | ND                    |                       | 2019-11-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060839                                            | B05_02_B                | B05_02_B                | 425   | SWEETBRIAR ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-11              | 2019-11-11               | No         |           |            |            | ND                    |                       | 2019-11-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051066                                            | Wrights Way Water Relay | Wrights Way Water Relay | 2423  | WRIGHTS WAY      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-11              |                          | No         |           |            |            | 14.1                  |                       | 2019-11-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075327                                            | B02_01_B                | B02_01_B                | 153   | WATSON BLVD      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-11              |                          | No         |           |            |            | ND                    |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073422                                            | B02_01_B                | B02_01_B                | 3354  | DELAWARE ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | ND                    |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050154                                            | B07_05_B                | B07_05_B                | 4232  | SALINE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | 1                     |                       | 2019-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060540                                            | B05_02_B                | B05_02_B                | 328   | SWEETBRIAR ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | 1.02                  |                       | 2019-11-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039143                                            | B07_05_A                | B07_05_A                | 6315  | BURCHFIELD AVE   | Lead                     | Copper                    | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | 3.84                  |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073903                                            | B02_01_B                | B02_01_B                | 2711  | LELAND ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-12              |                          | No         |           |            |            | 2                     |                       | 2019-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073892                                            | B02_01_B                | B02_01_B                | 2710  | LELAND ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | ND                    |                       | 2019-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016212                                            | CEP_02                  | CEP_02                  | 265   | 45TH ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | 4.14                  |                       | 2019-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059121                                            | B05_02_A                | B05_02_A                | 72    | WYOMING ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | 2.6                   |                       | 2019-11-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059135                                            | B05_02_A                | B05_02_A                | 346   | WYOMING ST AKA 9 | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-12              | 2019-11-12               | No         |           |            |            | 2.4                   |                       | 2019-11-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059133                                            | B05_02_A                | B05_02_A                | 350   | WYOMING ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-12               | No         |           |            | Yes        | 6.42                  |                       | 2019-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038498                                            | B07_05_A                | B07_05_A                | 2267  | TILBURY AVE      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-11-13              | 2019-11-13               | No         |           |            |            | ND                    |                       | 2019-12-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046427                                            | B07_05_B                | B07_05_B                | 903   | DEELY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-13               | No         |           |            |            | 1.77                  |                       | 2019-11-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073417                                            | B02_01_B                | B02_01_B                | 3270  | ORLEANS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-13               | No         |           |            |            | 8.76                  |                       | 2019-11-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046426                                            | B07_05_B                | B07_05_B                | 901   | DEELY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-13               | No         |           |            |            | 1.02                  |                       | 2020-03-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071848                                            | B02_01_B                | B02_01_B                | 2634  | LELAND ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-13              |                          | No         |           |            |            | 4.11                  |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039993                                            | B07_05_B                | B07_05_B                | 4311  | SALINE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-13               | No         |           |            |            | ND                    |                       | 2019-11-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073652                                            | B02_01_B                | B02_01_B                | 215   | MARSHALL AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-13               | No         |           |            |            | ND                    |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060834                                            | B05_02_B                | B05_02_B                | 415   | SWEETBRIAR ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-13              |                          | No         |           |            |            | 1.06                  |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046788                                            | B07_05_B                | B07_05_B                | 4325  | TESLA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-13              | 2019-11-13               | No         |           |            |            | ND                    |                       | 2019-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5075316                                            | B02_01_B                | B02_01_B                | 341   |                  |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5050167                                            | B07_05_B          | B07_05_B           | 724       | LORETTA ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-27              |                          | No         |           |            |            | ND                    |                       | 2019-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060299                                            | B05_02_B          | B05_02_B           | 213       | EDITH ST       | Lead                     |                           | PEX                      | Copper                    | 2019-11-27              | 2019-11-27               | No         |           |            |            | 15                    |                       | 2019-11-28    | ND                    |                       | 2020-03-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059534                                            | B05_02_A          | B05_02_A           | 229       | BOGGS AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-27              | 2019-11-27               | No         |           |            |            | ND                    |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050273                                            | B07_05_B          | B07_05_B           | 733       | HAZELWOOD AVE  | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-11-27              | 2019-11-27               | No         |           |            |            | 2                     |                       | 2019-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049850                                            | B07_05_B          | B07_05_B           | 4112      | SALINE ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-27              |                          | No         |           |            |            | ND                    |                       | 2019-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050124                                            | B07_05_B          | B07_05_B           | 3490      | BEECHWOOD BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-27              | 2019-11-27               | No         |           |            |            | 2                     |                       | 2019-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073503                                            | B02_01_B          | B02_01_B           | 3131      | PERRYVILLE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-27              |                          | No         |           |            |            | ND                    |                       | 2019-12-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060292                                            | B05_02_B          | B05_02_B           | 216       | EDITH ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-27              |                          | No         |           |            |            | 2                     |                       | 2019-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060482                                            | B05_02_B          | B05_02_B           | 255       | EDITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-27              | 2019-11-27               | No         |           |            |            | ND                    |                       | 2020-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039349                                            | B07_05_B          | B07_05_B           | 4101      | SALINE ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-11-27              | 2019-11-27               | No         |           |            |            | ND                    |                       | 2019-11-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016584                                            | CEF_02            | CEF_02             | 261       | 42ND ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-27              |                          | No         |           |            |            | ND                    |                       | 2019-11-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059454                                            | B05_02_A          | B05_02_A           | 306       | BOGGS AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-11-27              |                          | No         |           |            |            | ND                    |                       | 2019-12-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049880                                            | B07_05_B          | B07_05_B           | 774       | LORETTA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-29              | 2019-11-29               | No         |           |            |            | ND                    |                       | 2019-11-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045736                                            | B07_05_B          | B07_05_B           | 905       | LILAC ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-29              | 2019-11-29               | No         |           |            |            | 2                     |                       | 2019-12-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050125                                            | B07_05_B          | B07_05_B           | 3492      | BEECHWOOD BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2019-11-29              | 2019-11-29               | No         |           |            |            | 9                     |                       | 2019-11-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050148                                            | B07_05_B          | B07_05_B           | 4218      | SALINE ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-11-29              | 2019-11-29               | No         |           |            |            | ND                    |                       | 2019-12-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049884                                            | B07_05_B          | B07_05_B           | 764       | LORETTA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-02              | 2019-12-02               | No         |           |            |            | 8                     |                       | 2019-12-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073677                                            | B02_01_B          | B02_01_B           | 3000      | NORWOOD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-02              | 2019-12-02               | No         |           |            |            | 56                    |                       | 2019-12-16    | ND                    |                       | 2020-01-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073834                                            | B02_01_B          | B02_01_B           | 302       | KENNEDY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-03              | 2019-12-03               | No         |           |            |            | 3                     |                       | 2019-12-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050383                                            | B07_05_B          | B07_05_B           | 4316      | SALINE ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-03              | 2019-12-03               | No         |           |            |            | 2                     |                       | 2019-12-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060305                                            | B05_02_B          | B05_02_B           | 229       | EDITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-03              | 2019-12-03               | No         |           |            |            | 18                    |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049885                                            | B07_05_B          | B07_05_B           | 760       | LORETTA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-03              | 2019-12-03               | No         |           |            |            | 4                     |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060288                                            | B05_02_B          | B05_02_B           | 230       | EDITH ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-12-03              | 2019-12-03               | No         |           |            |            | ND                    |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045739                                            | B07_05_B          | B07_05_B           | 861       | LILAC ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-03              | 2019-12-03               | No         |           |            |            | 2                     |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073742                                            | B02_01_B          | B02_01_B           | 402       | MILROY ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-03              | 2019-12-03               | No         |           |            |            | ND                    |                       | 2019-12-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066681                                            | Ops               |                    | 1004      | CEDAR AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-04              |                          | No         | Emergency |            |            | ND                    |                       | 2019-12-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5135149                                            | B05_02_A          | B05_02_A           | 518       | BOGGS AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-04              | 2019-12-04               | No         |           |            |            | ND                    |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045729                                            | B07_05_B          | B07_05_B           | 852       | LILAC ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-04              | 2019-12-04               | No         |           |            |            | ND                    |                       | 2019-12-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073505                                            | B02_01_B          | B02_01_B           | 3125      | PERRYVILLE AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-04              |                          | No         |           |            |            | 5                     |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080143                                            | CEF_02            | CEF_02             | 4022      | OSWALD ST      | Copper                   |                           | Not Replaced             | Copper                    |                         |                          | No         |           |            |            | 6                     |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050134                                            | B07_05_B          | B07_05_B           | 3514-3516 | BEECHWOOD BLVD | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-04              |                          | No         |           |            |            | ND                    |                       | 2019-12-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050305                                            | B07_05_B          | B07_05_B           | 794       | HAZELWOOD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-04              | 2019-12-04               | No         |           |            |            | ND                    |                       | 2019-12-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060298                                            | B05_02_B          | B05_02_B           | 211       | EDITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-04              | 2019-12-04               | No         |           |            |            | 2                     |                       | 2019-12-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066089                                            | CEF_02            | CEF_02             | 1228      | VETO ST        | Copper                   | Lead                      | PEX                      | Copper                    | 2019-12-04              | 2019-12-04               | No         |           |            |            | ND                    |                       | 2019-12-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049554                                            | B07_05_B          | B07_05_B           | 966       | LILAC ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-04              |                          | No         |           |            |            | ND                    |                       | 2019-12-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073699                                            | B02_01_B          | B02_01_B           | 2921      | NORWOOD AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-04              |                          | No         |           |            |            | 3                     |                       | 2019-12-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060309                                            | B05_02_B          | B05_02_B           | 237       | EDITH ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-04              |                          | No         |           |            |            | 5.8                   |                       | 2020-01-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017400                                            | CEF_02            | CEF_02             | 4037      | CABINET ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-04              | 2019-12-04               | No         |           |            |            | ND                    |                       | 2020-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5049923                                            | B07_05_B          | B07_05_B           | 782       | MELBOURNE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-17              | 2019-12-17               | No         |           |            |            | 4                     |                       | 2019-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073661                                            | B02_01_B          | B02_01_B           | 141       | OAK PARK RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-17              | 2019-12-17               | No         |           |            |            | ND                    |                       | 2020-01-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045051                                            | B07_05_B          | B07_05_B           | 821       | FLEMINGTON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-17              | 2019-12-17               | No         |           |            |            | 1.71                  |                       | 2020-02-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073703                                            | B02_01_B          | B02_01_B           | 224       | MARSHALL AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-17              |                          | No         |           |            |            | ND                    |                       | 2019-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049887                                            | B07_05_B          | B07_05_B           | 752       | LORETTA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-17              | 2019-12-17               | No         |           |            |            | 3                     |                       | 2019-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059140                                            | B05_02_A          | B05_02_A           | 126       | BOGGS AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-17              |                          | No         |           |            |            | 1.16                  |                       | 2020-01-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059149                                            | B05_02_A          | B05_02_A           | 151       | BOGGS AVE       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-12-18              | 2019-12-18               | No         |           |            |            | ND                    |                       | 2019-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050300                                            | B07_05_B          | B07_05_B           | 782       | HAZELWOOD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | ND                    |                       | 2019-12-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060350                                            | B05_02_B          | B05_02_B           | 356       | FINGAL ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | 4.99                  |                       | 2020-02-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059096                                            | B05_02_A          | B05_02_A           | 206       | BOGGS AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | 4                     |                       | 2019-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060843                                            | B05_02_B          | B05_02_B           | 441       | SWEETBRIAR ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | ND                    |                       | 2019-12-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045055                                            | B07_05_B          | B07_05_B           | 813       | FLEMINGTON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | ND                    |                       | 2019-12-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073773                                            | B02_01_B          | B02_01_B           | 41        | E MARSHALL AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | 188                   |                       | 2019-12-19    | 10.5                  |                       | 2020-02-03             | 14.1                  |                       | 2020-04-06    | 2.99                  |                       | 2020-10-06    |                       |                       |               |
| 5049897                                            | B07_05_B          | B07_05_B           | 721       | LORETTA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-18              | 2019-12-18               | No         |           |            |            | 1.45                  |                       | 2020-02-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060831                                            | B05_02_B          | B05_02_B           | 409       | SWEETBRIAR ST   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-12-18              | 2019-12-18               | No         |           |            |            | 4.33                  |                       | 2020-02-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049852                                            | B07_05_B          | B07_05_B           | 4106      | SALINE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-19              | 2019-12-19               | No         |           |            |            | 4.5                   |                       | 2019-12-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073482                                            | B02_01_B          | B02_01_B           | 3076      | MARSHALL RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-19              | 2019-12-19               | No         |           |            |            | ND                    |                       | 2020-01-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060286                                            | B05_02_B          | B05_02_B           | 234       | EDITH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-19              | 2019-12-19               | No         |           |            |            | 6                     |                       | 2019-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045049                                            | B07_05_B          | B07_05_B           | 831       | FLEMINGTON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-19              | 2019-12-19               | No         |           |            |            | 31.9                  |                       | 2020-02-14    | 8.62                  |                       | 2020-04-13             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073775                                            | B02_01_B          | B02_01_B           | 2916      | PERRYSVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-19              | 2019-12-19               | No         |           |            |            | 1.74                  |                       | 2020-01-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060854                                            | B05_02_B          | B05_02_B           | 266       | PLYMOUTH ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-19              |                          | No         |           |            |            | ND                    |                       | 2019-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046805                                            | B07_05_B          | B07_05_B           | 616       | LORETTA ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-12-19              | 2019-12-19               | No         |           |            |            | 202                   |                       | 2019-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045053                                            | B07_05_B          | B07_05_B           | 817       | FLEMINGTON ST   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-12-20              | 2019-12-20               | No         |           |            |            | 1.07                  |                       | 2020-05-04    |                       |                       | 2020-01-10             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050277                                            | B07_05_B          | B07_05_B           | 725       | HAZELWOOD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-20              | 2019-12-20               | No         |           |            |            | 3.85                  |                       | 2019-12-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073483                                            | B02_01_B          | B02_01_B           | 3080      | MARSHALL RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-20              | 2019-12-20               | No         |           |            |            | ND                    |                       | 2020-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060366                                            | B05_02_B          | B05_02_B           | 369       | FINGAL ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-20              | 2019-12-20               | No         |           |            |            | 4                     |                       | 2019-12-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050149                                            | B07_05_B          | B07_05_B           | 4220-4222 | SALINE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-20              | 2019-12-20               | No         |           |            |            | ND                    |                       | 2019-12-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046808                                            | B07_05_B          | B07_05_B           | 628       | LORETTA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-20              | 2019-12-20               | No         |           |            |            | ND                    |                       | 2020-01-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046813                                            | B07_05_B          | B07_05_B           | 650       | LORETTA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-21              | 2019-12-21               | No         |           |            |            | 30                    |                       | 2019-12-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022517                                            | Ops               | Urgent LSLR        | 5336      | BUTLER ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-23              | 2020-01-08               | No         | Emergency |            | Yes        | ND                    |                       | 2020-01-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073982                                            | B02_01_B          | B02_01_B           | 118       | E KENNEDY AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-23              | 2019-12-23               | No         |           |            |            | ND                    |                       | 2020-02-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050256                                            | B07_05_B          | B07_05_B           | 787       | HAZELWOOD AVE   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-23              |                          | No         |           |            |            | ND                    |                       | 2019-12-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073664                                            | B02_01_B          | B02_01_B           | 2945      | OAK PARK RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-23              | 2019-12-23               | No         |           |            |            | 1.18                  |                       | 2019-12-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073632                                            | B02_01_B          | B02_01_B           | 2945      | PERRYSVILLE AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-23              | 2019-12-23               | No         |           |            |            | 7                     |                       | 2019-12-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045064                                            | B07_05_B          | B07_05_B           | 812       | MONTEIRO ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2019-12-23              | 2019-12-23               | No         |           |            |            | 5.57                  |                       | 2019-12-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050260                                            | B07_05_B          | B07_05_B           | 773       | HAZELWOOD AVE   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2019-12-24              | 2019-12-24               | No         |           |            |            | ND                    |                       | 2019-12-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055181                                            | B06_03_B          | B06_03_B           | 1831      | ARLINGTON AVE   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2019-12-24              |                          | No         |           |            |            | 3.41                  |                       | 2019-12-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5055510                                            | B06_03_B          | B06_03_B           | 2734  | S 18TH STREET EXT | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-15              | 2020-01-15               | No         |           |            |            | 1.28                  |                       | 2020-01-16    | 2.69                  |                       | 2020-01-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076492                                            | B13_01_A          | B13_01_A           | 3009  | SHADELAND AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-15              | 2020-01-15               | No         |           |            |            | 2.85                  |                       | 2020-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059696                                            | B05_02_B          | B05_02_B           | 445   | ONEIDA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-15              | 2020-01-15               | No         |           |            |            | 16                    |                       | 2020-01-16    | 9.99                  |                       | 2020-07-13             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076195                                            | B13_01_A          | B13_01_A           | 1506  | FORSYTHE ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-15              |                          | No         |           |            |            | 3.27                  |                       | 2020-01-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055023                                            | B06_03_B          | B06_03_B           | 1913  | ST PAUL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-15              | 2020-01-17               | No         |           |            | Yes        | 9.15                  |                       | 2020-01-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060882                                            | B05_02_B          | B05_02_B           | 259   | PLYMOUTH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-15              | 2020-01-15               | No         |           |            |            | ND                    |                       | 2020-01-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059695                                            | B05_02_B          | B05_02_B           | 443   | ONEIDA ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-01-15              | 2020-01-15               | No         |           |            |            | 1.09                  |                       | 2020-01-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003733                                            | B14_03_A          | B14_03_A           | 336   | COLTART AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-16              | 2020-01-16               | No         |           |            |            | 9.37                  |                       | 2020-01-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060590                                            | B05_02_B          | B05_02_B           | 171   | PLYMOUTH ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-01-16              | 2020-01-16               | No         |           |            |            | ND                    |                       | 2020-03-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050380                                            | B07_05_B          | B07_05_B           | 4328  | SALINE ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-16              |                          | No         |           |            |            | ND                    |                       | 2020-02-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055505                                            | B06_03_B          | B06_03_B           | 1034  | MOUNT OLIVER ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-16              | 2020-01-16               | No         |           |            |            | ND                    |                       | 2020-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076932                                            | B13_01_A          | B13_01_A           | 2706  | SHADELAND AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-16              |                          | No         |           |            |            | ND                    |                       | 2020-01-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060405                                            | B05_02_B          | B05_02_B           | 321   | SEWARD ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-16              |                          | No         |           |            |            | ND                    |                       | 2020-01-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059709                                            | B05_02_B          | B05_02_B           | 438   | ONEIDA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-16              | 2020-01-16               | No         |           |            |            | 11.1                  |                       | 2020-01-16    | ND                    |                       | 2020-02-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054957                                            | B06_03_B          | B06_03_B           | 1942  | S 18TH ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-17              |                          | No         |           |            |            | 6.22                  |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078591                                            | B13_01_A          | B13_01_A           | 3147  | LECKY AVE         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-01-17              | 2020-01-17               | No         |           |            |            | ND                    |                       | 2020-03-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079432                                            | B13_01_A          | B13_01_A           | 3018  | SHADELAND AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-17              | 2020-01-17               | No         |           |            |            | ND                    |                       | 2020-01-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055250                                            | B06_03_B          | B06_03_B           | 1116  | E WARRINGTON AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-17              | 2020-01-17               | No         |           |            |            | ND                    |                       | 2020-01-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007455                                            | CEP_02            | CEP_02             | 808   | ANAHEIM ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-17              |                          | No         |           |            |            | ND                    |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055357                                            | B06_03_B          | B06_03_B           | 2410  | S 18TH ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-01-20              | 2020-01-20               | No         |           |            |            | 19.4                  |                       | 2020-01-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004572                                            | B14_03_B          | B14_03_B           | 3415  | DAWSON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-20              | 2020-01-20               | No         |           |            |            | 1.6                   |                       | 2020-01-20    | 1.3                   |                       | 2020-01-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079438                                            | B13_01_A          | B13_01_A           | 3036  | SHADELAND AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-20              | 2020-01-20               | No         |           |            |            | 2.01                  |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076485                                            | B13_01_A          | B13_01_A           | 1317  | OAKHILL ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-20              |                          | No         |           |            |            | 1.69                  |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076480                                            | B13_01_A          | B13_01_A           | 1331  | OAKHILL ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-20              |                          | No         |           |            |            | 1.25                  |                       | 2020-01-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055356                                            | B06_03_B          | B06_03_B           | 166   | SAINT PAUL ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-20              |                          | No         |           |            |            | ND                    |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059698                                            | B05_02_B          | B05_02_B           | 457   | ONEIDA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-20              | 2020-01-20               | No         |           |            |            | 28.3                  |                       | 2020-01-21    | ND                    |                       | 2020-05-04             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078464                                            | B13_01_A          | B13_01_A           | 3222  | MCCLURE AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-01-20              |                          | No         |           |            |            | 2.42                  |                       | 2020-02-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055300                                            | B06_03_B          | B06_03_B           | 3     | ST THOMAS ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-20              | 2020-01-20               | No         |           |            |            | 2.52                  |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059675                                            | B05_02_B          | B05_02_B           | 332   | ONEIDA ST         | Lead Tailpiece           | Lead                      | PEX                      | Copper                    | 2020-01-20              | 2020-01-20               | No         |           |            |            | ND                    |                       | 2020-01-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077025                                            | B13_01_B          | B13_01_B           | 2521  | BRIGHTON RD       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | 2.05                  |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060577                                            | B05_02_B          | B05_02_B           | 186   | PLYMOUTH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | 65.3                  |                       | 2020-01-23    | ND                    |                       | 2020-05-18             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055629                                            | CEP_02            | CEP_02             | 450   | KATHLEEN ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | 6.33                  |                       | 2020-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078647                                            | B13_01_A          | B13_01_A           | 1344  | OAKHILL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | 1.34                  |                       | 2020-08-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003634                                            | B14_03_A          | B14_03_A           | 319   | COLTART AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | ND                    |                       | 2020-02-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078565                                            | B13_01_A          | B13_01_A           | 3155  | MCCLURE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | 2.42                  |                       | 2020-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055245                                            | B06_03_B          | B06_03_B           | 1     | REGINA ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-01-21              | 2020-01-21               | No         |           |            |            | 1.64                  |                       | 2020-01-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004571                                            | B14_03_B          | B14_03_B           | 3411  | DAWSON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-01-21              | 2020-01-21               | No         |           |            |            | 3.52                  |                       | 2020-01-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |              |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|--------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street       | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5060965                                            | 805_02_B          | 805_02_B           | 239   | MERIDAN ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-04              | 2020-02-04               | No         |           |            |            | ND                    |                       | 2020-03-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076489                                            | 813_01_A          | 813_01_A           | 3021  | SHARFORD AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-04              | 2020-02-06               | No         |           |            |            | 55.5                  |                       | 2020-02-06    | 6.33                  |                       | 2020-03-02            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076713                                            | 813_01_B          | 813_01_B           | 2714  | STAYTON ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-04              | 2020-02-23               | No         |           |            |            | 3.86                  |                       | 2020-02-23    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062000                                            | 805_02_B          | 805_02_B           | 201   | REPUBLIC ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-04              | 2020-02-04               | No         |           |            |            | 52.5                  |                       | 2020-02-05    | ND                    |                       | 2020-05-27            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003672                                            | 814_03_A          | 814_03_A           | 3415  | LOUISA ST    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-05              | 2020-02-05               | No         |           |            |            | ND                    |                       | 2020-02-29    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076723                                            | 813_01_B          | 813_01_B           | 2721  | MCDOWELL ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | 1.17                  |                       | 2020-02-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059763                                            | 805_02_B          | 805_02_B           | 1104  | VIRGINIA AVE | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-05              | 2020-02-05               | No         |           |            |            | ND                    |                       | 2020-02-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003401                                            | 814_03_A          | 814_03_A           | 343   | ATWOOD ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | 21.8                  |                       | 2020-02-07    | 9.53                  |                       | 2020-05-11            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060967                                            | 805_02_B          | 805_02_B           | 243   | MERIDAN ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | ND                    |                       | 2020-02-06    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055144                                            | 806_03_B          | 806_03_B           | 1715  | MARCUS WAY   | Lead                     | Galvanized Iron           | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | ND                    |                       | 2020-02-06    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076604                                            | 813_01_B          | 813_01_B           | 2925  | BREKER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | 1.27                  |                       | 2020-03-23    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076951                                            | 813_01_B          | 813_01_B           | 1205  | WOODLAND AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | 6.05                  |                       | 2020-02-18    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062061                                            | 805_02_B          | 805_02_B           | 1619  | RUTLEDGE ST  | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-05              | 2020-02-05               | No         |           |            |            | 1.6                   |                       | 2020-02-09    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076697                                            | 813_01_B          | 813_01_B           | 1202  | WOODLAND AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-05              | 2020-02-05               | No         |           |            |            | 262                   |                       | 2020-02-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076669                                            | 813_01_B          | 813_01_B           | 2903  | STAYTON ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-05              |                          | No         |           |            |            | ND                    |                       | 2020-02-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060941                                            | 805_02_B          | 805_02_B           | 228   | MERIDAN ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-05              |                          | No         |           |            |            | 3.05                  |                       | 2020-02-07    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076615                                            | 813_01_B          | 813_01_B           | 2821  | BREKER ST    | Lead                     | PEX                       | PEX                      | Not Replaced              | 2020-02-05              |                          | No         |           |            |            | 1.38                  |                       | 2020-03-23    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059672                                            | 805_02_B          | 805_02_B           | 1314  | VIRGINIA AVE | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-05              | 2020-02-05               | No         |           |            |            | 5.06                  |                       | 2020-02-08    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002833                                            | Ops               | Urgent USLR        | 203   | DUNSEITH ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-08               | No         | Emergency |            | Yes        | 1.21                  |                       | 2020-03-29    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060517                                            | 805_02_B          | 805_02_B           | 335   | AUGUSTA ST   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-06              | 2020-02-06               | No         |           |            |            | 1.53                  |                       | 2020-02-08    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003428                                            | 814_03_A          | 814_03_A           | 327   | ATWOOD ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | 7.87                  |                       | 2020-02-07    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004055                                            | 814_03_B          | 814_03_B           | 11    | OAKLAND SQ   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | 3.53                  |                       | 2020-02-08    | ND                    |                       | 2020-02-17            | 22.4                  |                       | 2020-02-11    |                       |                       |               |                       |                       |               |
| 5079502                                            | 813_01_B          | 813_01_B           | 3045  | WADLOW ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | ND                    |                       | 2020-02-11    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003999                                            | 814_03_B          | 814_03_B           | 412   | ATWOOD ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | 1.55                  |                       | 2020-02-08    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076922                                            | 813_01_B          | 813_01_B           | 1242  | WOODLAND AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | 409                   |                       | 2020-02-10    | ND                    |                       | 2020-03-30            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059748                                            | 805_02_B          | 805_02_B           | 312   | MERIDAN ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | 16.2                  |                       | 2020-02-12    | ND                    |                       | 2020-05-11            |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055428                                            | 806_03_B          | 806_03_B           | 216   | WACHTER ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-06              |                          | No         |           |            |            | ND                    |                       | 2020-02-07    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076607                                            | 813_01_B          | 813_01_B           | 2921  | BREKER ST    | Lead                     | PEX                       | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | 1.44                  |                       | 2020-02-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060691                                            | 805_02_B          | 805_02_B           | 131   | COHASSET ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-06              | 2020-02-06               | No         |           |            |            | ND                    |                       | 2020-02-07    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059670                                            | 805_02_B          | 805_02_B           | 1318  | VIRGINIA AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-07              | 2020-02-07               | No         |           |            |            | 4.45                  |                       | 2020-02-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003673                                            | 814_03_A          | 814_03_A           | 255   | HALKET PL    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-08              | 2020-02-08               | No         |           |            |            | 2.79                  |                       | 2020-02-09    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078488                                            | 813_01_A          | 813_01_A           | 3261  | BAINTON ST   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-10              | 2020-02-10               | No         |           |            |            | ND                    |                       | 2020-04-06    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059668                                            | 805_02_B          | 805_02_B           | 1322  | VIRGINIA AVE | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-10              | 2020-02-10               | No         |           |            |            | 8.17                  |                       | 2020-02-16    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004056                                            | 814_03_B          | 814_03_B           | 13    | OAKLAND SQ   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | 1.18                  |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003340                                            | 814_03_A          | 814_03_A           | 342   | ATWOOD ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | 1.38                  |                       | 2020-02-14    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076637                                            | 813_01_B          | 813_01_B           | 3003  | WADLOW ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | ND                    |                       | 2020-02-14    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076939                                            | 813_01_B          | 813_01_B           | 1247  | DICKSON ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-10              |                          | No         |           |            |            | 4.1                   |                       | 2020-02-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061894                                            | 805_02_B          | 805_02_B           | 546   | HALLOCK ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | ND                    |                       | 2020-02-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060544                                            | 805_02_B          | 805_02_B           | 1518  | WELL ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | 2.13                  |                       | 2020-02-11    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055430                                            | 806_03_B          | CEP_02             | 207   | WACHTER ST   | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | ND                    |                       | 2020-04-05    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060096                                            | 805_02_B          | 805_02_B           | 136   | COHASSET ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | 4.22                  |                       | 2020-02-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060543                                            | 805_02_B          | 805_02_B           | 1520  | WELL ST      | Lead                     | PEX                       | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | 2.18                  |                       | 2020-02-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079506                                            | 813_01_B          | 813_01_B           | 3025  | WADLOW ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-10              | 2020-02-10               | No         |           |            |            | ND                    |                       | 2020-02-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003367                                            | 814_03_A          | 814_03_A           | 254   | ATWOOD ST    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-11              | 2020-02-11               | No         |           |            |            | ND                    |                       | 2020-02-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076612                                            | 813_01_B          | 813_01_B           | 2901  | BREKER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 1.28                  |                       | 2020-02-15    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076624                                            | 813_01_B          | 813_01_B           | 2822  | BREKER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 2.86                  |                       | 2020-02-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003366                                            | 814_03_A          | 814_03_A           | 258   | ATWOOD ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-11              |                          | No         |           |            |            | ND                    |                       | 2020-02-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076707                                            | 813_01_B          | 813_01_B           | 1124  | WOODLAND AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 409                   |                       | 2020-02-27    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076611                                            | 813_01_B          | 813_01_B           | 2903  | BREKER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | ND                    |                       | 2020-03-30    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004053                                            | 814_03_B          | 814_03_B           | 7     | OAKLAND SQ   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-11              | 2020-02-11               | No         |           |            |            | ND                    |                       | 2020-02-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004372                                            | 814_03_B          | 814_03_B           | 3420  | WARD ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 42.6                  |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003746                                            | 814_03_A          | 814_03_A           | 367   | COLTART AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 6.72                  |                       | 2020-02-12    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003369                                            | 814_03_A          | 814_03_A           | 250   | ATWOOD ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 2.3                   |                       | 2020-02-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059673                                            | 805_02_B          | 805_02_B           | 1312  | VIRGINIA AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 3.54                  |                       | 2020-02-24    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060892                                            | 805_02_B          | 805_02_B           | 146   | COHASSET ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-11              | 2020-02-11               | No         |           |            |            | 2.27                  |                       | 2020-02-19    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061882                                            | 805_02_B          | 805_02_B           | 529   | MERIDAN ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-11              |                          | No         |           |            |            | ND                    |                       | 2020-03-10    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076656                                            | 813_01_B          | 813_01_B           | 1214  | DICKSON ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-12              | 2020-02-12               | No         |           |            |            | 5.48                  |                       | 2020-02-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004086                                            | 814_03_B          | 814_03_B           | 16    | OAKLAND SQ   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-12              | 2020-02-12               | No         |           |            |            | 1.67                  |                       | 2020-03-02    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077047                                            | 813_01_B          | 813_01_B           | 1137  | WOODLAND AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-12              | 2020-02-12               | No         |           |            |            | 1.27                  |                       | 2020-02-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076627                                            | 813_01_B          | 813_01_B           | 2900  | BREKER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-12              | 2020-02-12               | No         |           |            |            | 1.54                  |                       | 2020-02-13    |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079509                                            |                   |                    |       |              |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                       |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5079329                                            | B13_01_C          | B13_01_C              | 852   | GRAND AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-21              | 2020-02-21               | No         |           |            |            | 5.98                  |                       | 2020-02-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079337                                            | B18_06            | B18_06                | 211   | DUNSEITH ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-21              |                          | No         |           |            |            | ND                    |                       | 2020-03-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076613                                            | B13_01_B          | B13_01_B              | 2825  | BREKER ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-21              | 2020-02-21               | No         |           |            |            | 31.7                  |                       | 2020-04-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059674                                            | B05_02_B          | B05_02_B              | 1306  | VIRGINIA AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-24              | 2020-02-24               | No         |           |            |            | ND                    |                       | 2020-03-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019665                                            | CEP_02            | CEP_02                | 5351  | WATERFORD ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-24              | 2020-02-24               | No         |           |            |            | ND                    |                       | 2020-02-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079566                                            | B13_01_C          | B13_01_C              | 1031  | SMITHTON AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-24              | 2020-02-24               | No         |           |            |            | 2.93                  |                       | 2020-02-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002849                                            | B18_06            | B18_06                | 237   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-24              | 2020-02-24               | No         |           |            |            | 2.9                   |                       | 2020-02-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076166                                            | B13_01_A          | B13_01_A              | 614   | KNAPP ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-24              |                          | No         |           |            |            | 13.2                  |                       | 2020-02-25    | ND                    |                       | 2020-08-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004502                                            | B14_05_B          | B14_05_B              | 20    | WELSFORD ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-24              | 2020-02-24               | No         |           |            |            | 1.63                  |                       | 2020-02-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002844                                            | B18_06            | B18_06                | 225   | DUNSEITH ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-24              |                          | No         |           |            |            | ND                    |                       | 2020-03-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028355                                            | CEP_02            | CEP_02                | 5940  | DOUGLAS ST        | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-02-24              | 2020-02-24               | No         |           |            |            | 2.23                  |                       | 2020-02-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5059701                                            | B05_02_B          | B05_02_B              | 464   | ONEIDA ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-24              | 2020-02-24               | No         |           |            |            | 5.72                  |                       | 2020-02-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079324                                            | B13_01_C          | B13_01_C              | 840   | GRAND AVE         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-24              | 2020-02-24               | No         |           |            |            | 2.11                  |                       | 2020-02-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041581                                            | Ops               | Ops                   | 6739  | WILKINS AVE       | Lead                     | PEX                       | Copper                   | Not Replaced              | 2020-02-25              |                          | No         | Emergency |            |            | 1.36                  |                       | 2020-05-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009159                                            | B17_07_A          | B17_07_A              | 251   | 38TH ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-25              | 2020-02-25               | No         |           |            |            | ND                    |                       | 2020-02-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079348                                            | B13_01_C          | B13_01_C              | 853   | GRAND AVE         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-25              | 2020-02-25               | No         |           |            |            | ND                    |                       | 2020-02-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002845                                            | B18_06            | B18_06                | 227   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-25              | 2020-02-25               | No         |           |            |            | 2.79                  |                       | 2020-02-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002847                                            | B14_03_A          | B14_03_A              | 253   | OKLAND AVE        | Copper                   | Lead                      | PEX                      | Not Replaced              | 2020-02-25              |                          | No         |           |            |            | 36.6                  |                       | 2020-02-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002879                                            | B18_06            | B18_06                | 228   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-25              | 2020-02-25               | No         |           |            |            | 36.6                  |                       | 2020-03-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079557                                            | B13_01_C          | B13_01_C              | 1001  | SMITHTON AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-25              | 2020-02-25               | No         |           |            |            | 446                   |                       | 2020-02-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009124                                            | B17_07_A          | B17_07_A              | 238   | 38TH ST           | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-25              | 2020-02-25               | No         |           |            |            | 1.52                  |                       | 2020-02-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035675                                            | Ops               | Private Reimbursement | 718   | HASTINGS ST       | Lead                     | Lead                      | Copper                   | PEX                       | 2020-02-26              | 2020-03-02               | No         | Emergency |            | Yes        | ND                    |                       | 2020-03-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067729                                            | B15_01_A          | B15_01_A              | 1008  | GOEHRING ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-26              | 2020-02-26               | No         |           |            |            | ND                    |                       | 2020-03-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055427                                            | B06_03_B          | B06_03_B              | 2634  | S 18TH STREET EXT | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-26              | 2020-02-26               | No         |           |            |            | ND                    |                       | 2020-03-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002865                                            | B18_06            | B18_06                | 274   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-26              | 2020-02-26               | No         |           |            |            | 1.97                  |                       | 2020-02-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009127                                            | B17_07_A          | B17_07_A              | 244   | 38TH ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-26              | 2020-02-26               | No         |           |            |            | 75.4                  |                       | 2020-02-27    | ND                    |                       | 2020-03-25             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079320                                            | B13_01_C          | B13_01_C              | 834   | GRAND AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-26              | 2020-02-26               | No         |           |            |            | 10.6                  |                       | 2020-02-27    | 8.75                  |                       | 2020-06-08             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067728                                            | B15_01_A          | B15_01_A              | 1010  | GOEHRING ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-26              | 2020-02-26               | No         |           |            |            | ND                    |                       | 2020-04-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002873                                            | B18_06            | B18_06                | 242   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-27              | 2020-02-27               | No         |           |            |            | 1.62                  |                       | 2020-03-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077032                                            | B13_01_B          | B13_01_B              | 1108  | HODGKISS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-27              | 2020-02-27               | No         |           |            |            | 13.3                  |                       | 2020-03-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003317                                            | B14_03_A          | B14_03_A              | 327   | MEYRAN AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-27              | 2020-02-27               | No         |           |            |            | 5.75                  |                       | 2020-03-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002851                                            | B18_06            | B18_06                | 241   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-27              | 2020-02-27               | No         |           |            |            | ND                    |                       | 2020-04-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009160                                            | B17_07_A          | B17_07_A              | 249   | 38TH ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-27              | 2020-02-27               | No         |           |            |            | 1.51                  |                       | 2020-03-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079027                                            | B13_01_B          | B13_01_B              | 1316  | WOODS RUN AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-27              |                          | No         |           |            |            | ND                    |                       | 2020-05-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002847                                            | B18_06            | B18_06                | 231   | DUNSEITH ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-27              |                          | No         |           |            |            | ND                    |                       | 2020-03-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048620                                            | CEP_02            | CEP_02                | 227   | TROWBRIDGE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-27              | 2020-02-28               | No         |           |            | Yes        | 6.53                  |                       | 2020-03-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079028                                            | B13_01_B          | B13_01_B              | 1318  | WOODS RUN AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-02-27              |                          | No         |           |            |            | ND                    |                       | 2020-05-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002869                                            | B18_06            | B18_06                | 252   | DUNSEITH ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-02-28              | 2020-02-28               | No         |           |            |            | 23.6                  |                       | 2020-03-03    | 7.6                   |                       | 2020-06-08             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002825                                            | B18_06            | B18_06                | 220   | ROBINSON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-28              | 2020-02-28               | No         |           |            |            | ND                    |                       | 2020-02-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002868                                            | B18_06            | B18_06                | 254   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-28              | 2020-02-28               | No         |           |            |            | 29.7                  |                       | 2020-03-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078857                                            | B13_01_C          | B13_01_C              | 1103  | WOODS RUN AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-28              | 2020-02-28               | No         |           |            |            | ND                    |                       | 2020-03-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022296                                            | B01_07            | CEP_02                | 918   | JANCEY ST         | PEX                      | Lead                      | Not Replaced             | Copper                    | 2020-02-28              | 2020-02-28               | No         |           |            |            | ND                    |                       | 2020-05-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002834                                            | B18_06            | B18_06                | 205   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-28              | 2020-02-28               | No         |           |            |            | 25.6                  |                       | 2020-03-11    | 8.63                  |                       | 2021-08-16             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002410                                            | B18_06            | B18_06                | 2314  | BELEN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02-28              | 2020-02-28               | No         |           |            |            | 2.07                  |                       | 2020-04-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003825                                            | B14_03_A          | B14_03_A              | 346   | MEYRAN AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | 1.53                  |                       | 2020-03-03    | 132                   |                       | 2020-03-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003856                                            | B14_03_B          | B14_03_B              | 15    | MELBA PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | 49.8                  |                       | 2020-03-07    | 9.05                  |                       | 2020-03-16             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009244                                            | B17_07_A          | B17_07_A              | 3515  | LEECH ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | ND                    |                       | 2020-03-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079247                                            | B13_01_C          | B13_01_C              | 1034  | GRAND AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | ND                    |                       | 2020-03-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079294                                            | B13_01_C          | B13_01_C              | 1028  | ROTHPLETZ ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | ND                    |                       | 2020-04-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079293                                            | B13_01_C          | B13_01_C              | 1034  | ROTHPLETZ ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-02              | 2020-03-02               | No         |           |            |            | 5.69                  |                       | 2020-03-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002318                                            | B18_06            | B18_06                | 5     | BELEN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | ND                    |                       | 2020-03-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002885                                            | B18_06            | B18_06                | 214   | DUNSEITH ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-02              | 2020-03-02               | No         |           |            |            | ND                    |                       | 2020-03-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003329                                            | B14_03_A          | B14_03_A              | 353   | MEYRAN AVE        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-03              |                          | No         |           |            |            | 4.95                  |                       | 2020-03-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009202                                            | B17_07_A          | B17_07_A              | 283   | 38TH ST           | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-03              |                          | No         |           |            |            | 1.52                  |                       | 2020-03-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003831                                            | B14_03_A          | B14_03_A              | 350   | MEYRAN AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-03              | 2020-03-03               | No         |           |            |            | 3.04                  |                       | 2020-03-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079191                                            | B13_01_C          | B13_01_C              | 930   | SMITHTON AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-03              | 2020-03-03               | No         |           |            |            | ND                    |                       | 2020-03-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079076                                            | B13_01_C          | B13_01_C              | 3138  | SORENTO ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-03              | 2020-03-03               | No         |           |            |            | 1                     |                       | 2020-03-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003571                                            | B14_03_A          | B14_03_A              | 333   | S BOUQUET ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-03              | 2020-03-03               | No         |           |            |            | 2.64                  |                       | 2020-03-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002819                                            | B18_06            | B18_06                | 232   | ROBINSON ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-03              | 2020-03-03               | No         |           |            |            | ND                    |                       | 2020-04-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009128                                            | B17_07_A          | B17_07_A              | 244.5 | 38TH ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-03              | 2020-03-03               | No         |           |            |            | 5.43                  |                       | 2020-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002816                                            | B18_06            | B18_06                | 238   | ROBINSON ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-03              | 2020-03-03               | No         |           |            |            | 1.95                  |                       | 2020-04-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                    |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|--------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street             | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5068077                                            | B15 01_A          | B15 01_A           | 901   | HASLAGE AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-11              | 2020-03-11               | No         |           |            |            | 21                    |                       | 2020-03-12    | 1.19                  |                       | 2020-07-06             | 1.19                  |                       | 2020-06-24    |                       |                       |               |                       |                       |               |
| 5068077                                            | B17 07_A          | B17 07_A           | 3613  | PENN AVE           | Lead                     | Copper                    | PEX                      | Copper                    | 2020-03-11              | 2020-03-11               | No         |           |            |            | ND                    |                       | 2020-03-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019797                                            | B20 07            | B20 07             | 5207  | CARNEGIE ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-12              | 2020-03-12               | No         |           |            |            | ND                    |                       | 2020-05-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068556                                            | B15 01_A          | B15 01_A           | 1813  | BADER ST           | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-12              |                          | No         |           |            |            | 5.64                  |                       | 2020-03-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073163                                            | B15 01_A          | B15 01_A           | 147   | OVERBECK ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | 1.18                  |                       | 2020-03-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068528                                            | B15 01_B          | B15 01_B           | 1901  | ROCKLEDGE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | 7.14                  |                       | 2020-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009710                                            | B17 07_B          | B17 07_B           | 3900  | HOWLEY ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | 18.9                  |                       | 2020-03-15    | ND                    |                       | 2020-06-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004385                                            | B14 03_B          | B14 03_B           | 3619  | BLVD OF THE ALLIES | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | ND                    |                       | 2020-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019798                                            | B20 07            | B20 07             | 5209  | CARNEGIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-12              |                          | No         |           |            |            | ND                    |                       | 2020-06-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079026                                            | B13 01_C          | B13 01_C           | 1041  | HALL ST            | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-12              | 2020-03-12               | No         |           |            |            | ND                    |                       | 2020-05-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068558                                            | B15 01_A          | B15 01_A           | 1823  | BADER ST           | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-12              | 2020-03-12               | No         |           |            |            | ND                    |                       | 2020-05-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002338                                            | B18 06            | B18 06             | 3131  | TERRACE ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | 12.5                  |                       | 2020-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003890                                            | B14 03_B          | B14 03_B           | 427   | SEMPLE ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | 2.79                  |                       | 2020-03-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068546                                            | B15 01_A          | B15 01_A           | 1826  | BADER ST           | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-12              | 2020-03-12               | No         |           |            |            | 1.97                  |                       | 2020-03-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009655                                            | B17 07_B          | B17 07_B           | 3921  | HOWLEY ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-12              | 2020-03-12               | No         |           |            |            | ND                    |                       | 2020-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067707                                            | B15 01_A          | B15 01_A           | 1218  | ITIN ST            | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-03-12              |                          | No         |           |            |            | ND                    |                       | 2020-05-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038822                                            | B14 03_A          | B14 03_A           | 353   | SEMPLE ST          | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-13              | 2020-03-13               | No         |           |            |            | ND                    |                       | 2020-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019808                                            | B20 07            | B20 07             | 5221  | CARNEGIE ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-13              | 2020-03-13               | No         |           |            |            | ND                    |                       | 2020-03-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068561                                            | B15 01_A          | B15 01_A           | 1381  | DAMAS ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-13              | 2020-03-13               | No         |           |            |            | 74                    |                       | 2020-03-15    | 19.8                  |                       | 2020-04-13             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079971                                            | CEF 02            | CEF 02             | 3927  | SHOREHAM ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-13              | 2020-03-13               | No         |           |            |            | ND                    |                       | 2020-03-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019802                                            | B20 07            | B20 07             | 5217  | CARNEGIE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-13              | 2020-03-13               | No         |           |            |            | 5.1                   |                       | 2020-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073277                                            | B15 01_B          | B15 01_B           | 1908  | ROCKLEDGE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-13              | 2020-03-13               | No         |           |            |            | ND                    |                       | 2020-03-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002810                                            | B18 06            | B18 06             | 250   | ROBINSON ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-13              | 2020-03-13               | No         |           |            |            | 3.53                  |                       | 2020-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067835                                            | B15 01_A          | B15 01_A           | 1339  | DIANA PL           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-03-13              | 2020-03-13               | No         |           |            |            | 6.2                   |                       | 2020-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003256                                            | B14 03_B          | B14 03_B           | 427   | SEMPLE ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-16              |                          | No         |           |            |            | ND                    |                       | 2020-03-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072884                                            | B15 01_B          | B15 01_B           | 1416  | ROMANHOFF ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-16              | 2020-03-16               | No         |           |            |            | 5.89                  |                       | 2020-03-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019828                                            | B20 07            | B20 07             | 5255  | CARNEGIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-17              |                          | No         |           |            |            | ND                    |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009539                                            | B17 07_B          | B17 07_B           | 3909  | MINTWOOD ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-17              |                          | No         |           |            |            | ND                    |                       | 2020-03-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022437                                            | B20 07            | B20 07             | 5309  | CARNEGIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-18              |                          | No         |           |            |            | ND                    |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009289                                            | B17 07_A          | B17 07_A           | 3515  | PENN AVE           | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-18              | 2020-03-18               | No         |           |            |            | 1.57                  |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073052                                            | B15 01_B          | B15 01_B           | 2218  | ROCKLEDGE ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-18              | 2020-03-18               | No         |           |            |            | ND                    |                       | 2020-04-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073075                                            | B15 01_B          | B15 01_B           | 1414  | HETZEL ST          | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-18              | 2020-03-18               | No         |           |            |            | 1.65                  |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022444                                            | B20 07            | B20 07             | 5327  | CARNEGIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-19              |                          | No         |           |            |            | 1.65                  |                       | 2020-03-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023018                                            | B20 07            | B20 07             | 5623  | CARNEGIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-19              |                          | No         |           |            |            | ND                    |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022497                                            | B20 07            | B20 07             | 5437  | CARNEGIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-03-19              |                          | No         |           |            |            | 42                    |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009616                                            | B17 07_B          | B17 07_B           | 3904  | MINTWOOD ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-03-19              | 2020-03-19               | No         |           |            |            | ND                    |                       | 2020-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052776                                            | Urgent LSLR       | Urgent LSLR        | 109   | S 7TH ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-04-03              | 2020-04-03               | No         | Emergency |            |            | 88.9                  |                       | 2020-04-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062786                                            | Ops               | Urgent LSLR        | 35    | WABASH ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-04-14              | 2020-04-16               | No         | Emergency |            | Yes        | 1.07                  |                       | 2020-04-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055811                                            | Ops               | Urgent LSLR        | 734   | MCCLAIN ST         | Copper                   | Lead                      | PEX                      | Copper                    | 2020-04-28              | 2020-04-30               | Yes        | Emergency |            | No         | ND                    |                       | 2020-05-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020297                                            | B20 07            | B20 07             | 5113  | KEYSTONE ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-05-14              | 2020-05-14               | No         |           |            |            | ND                    |                       | 2020-07-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020263                                            | B20 07            | B20 07             | 5122  | KEYSTONE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-14              |                          | No         |           |            |            | ND                    |                       | 2020-07-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020364                                            | B20 07            | B20 07             | 5126  | KEYSTONE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-15              |                          | No         |           |            |            | ND                    |                       | 2020-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020381                                            | B20 07            | B20 07             | 5164  | KEYSTONE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-18              |                          | No         |           |            |            | ND                    |                       | 2020-05-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009554                                            | B17 07_B          | B17 07_B           | 318   | 39TH ST            | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-18              |                          | No         |           |            |            | ND                    |                       | 2020-06-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073255                                            | B15 01_B          | B15 01_B           | 1929  | ROCKLEDGE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-18              | 2020-05-18               | No         |           |            |            | ND                    |                       | 2020-06-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009650                                            | B17 07_B          | B17 07_B           | 3931  | HOWLEY ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-18              |                          | No         |           |            |            | 7.9                   |                       | 2020-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003146                                            | B18 06            | B18 06             | 171   | ROBINSON ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-18              |                          | No         |           |            |            | 4.03                  |                       | 2020-05-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009731                                            | B17 07_B          | B17 07_B           | 3932  | HOWLEY ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-18              |                          | No         |           |            |            | 1.11                  |                       | 2020-05-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009543                                            | B17 07_B          | B17 07_B           | 321   | 39TH ST            | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-05-18              | 2020-05-18               | No         |           |            |            | ND                    |                       | 2020-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009713                                            | B17 07_B          | B17 07_B           | 3906  | HOWLEY ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-19              | 2020-05-19               | No         |           |            |            | 1.31                  |                       | 2020-05-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009577                                            | B17 07_B          | B17 07_B           | 3723  | MINTWOOD ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-19              | 2020-05-19               | No         |           |            |            | ND                    |                       | 2020-05-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009575                                            | B17 07_B          | B17 07_B           | 3717  | MINTWOOD ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-19              |                          | No         |           |            |            | ND                    |                       | 2020-05-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003134                                            | B18 06            | B18 06             | 170   | ROBINSON ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-19              | 2020-05-19               | No         |           |            |            | 1.39                  |                       | 2020-07-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020347                                            | B20 07            | B20 07             | 5155  | KEYSTONE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-19              | 2020-05-19               | No         |           |            |            | 5.41                  |                       | 2020-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027237                                            | CEF 02            | CEF 02             | 5458  | KINCAID ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-19              | 2020-05-19               | No         |           |            |            | 4.23                  |                       | 2020-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009711                                            | B17 07_B          | B17 07_B           | 3904  | HOWLEY ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-05-19              | 2020-05-19               | No         |           |            |            | ND                    |                       | 2020-05-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073259                                            | B15 01_B          | B15 01_B           | 1945  | ROCKLEDGE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-20              | 2020-05-20               | No         |           |            |            | 1.71                  |                       | 2020-05-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072862                                            | B15 01_B          | B15 01_B           | 1202  | ROMANHOFF ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-20              | 2020-05-20               | No         |           |            |            | 1.62                  |                       | 2020-05-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020359                                            | B20 07            | B20 07             | 5116  | KEYSTONE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-20              | 2020-05-20               | No         |           |            |            | ND                    |                       | 2020-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009667                                            | B17 07_B          | B17 07_B           | 333   | 39TH ST            | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-21              | 2020-05-21               | No         |           |            |            | ND                    |                       | 2020-05-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009401                                            | B17 07_B          | B17 07_B           | 311   | 37TH ST            | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-21              | 2020-05-21               | No         |           |            |            | ND                    |                       | 2020-05-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013201                                            | CEF 02            | CEF 02             | 115   | MOREWOOD AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-05-21              | 2020-05-21               | No         |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5048227                                            | CEP_02            | CEP_02             | 5116  | LYTLE ST        | PEX                      | Lead                      | Not Replaced             | Copper                    |                         | 2020-06-09               | 2020-06-09 | No        |            |            | 1.16                  |                       | 2020-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009466                                            | B17_07_A          | B17_07_A           | 3801  | PENN AVE        | Lead                     | PEX                       | Not Replaced             | PEX                       | 2020-06-09              |                          | No         |           |            |            | 2.31                  |                       | 2020-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020060                                            | B20_07            | B20_07             | 5210  | KEYSTONE ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-09              |                          | No         |           |            |            | 2.41                  |                       | 2020-06-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068504                                            | B15_01_A          | B15_01_A           | 18    | WOESSNER AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-09              | 2020-06-09               | No         |           |            |            | 1.12                  |                       | 2020-07-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013612                                            | B21_07            | B21_07             | 228   | S WINEBIDDLE ST | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-09              | 2020-06-09               | No         |           |            |            | 9.75                  |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019818                                            | B20_07            | B20_07             | 5237  | CARNEGIE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-09              | 2020-06-09               | No         |           |            |            | 1.85                  |                       | 2020-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002790                                            | B18_06            | B18_06             | 3159  | ELLERS ST       | Lead                     | PEX                       | Copper                   | Copper                    | 2020-06-09              | 2020-06-09               | No         |           |            |            | ND                    |                       | 2020-06-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009780                                            | B17_07_B          | B17_07_B           | 3938  | LIBERTY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-09              | 2020-06-09               | No         |           |            |            | 29.3                  |                       | 2020-06-10    | 5.74                  |                       | 2020-09-21             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019809                                            | B20_07            | B20_07             | 5220  | DRESDEN WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | ND                    |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024616                                            | B19_09            | B19_09             | 5416  | BROAD ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | 2.94                  |                       | 2020-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002218                                            | B18_06            | CEP_02             | 2532  | ALLEQUIPPA ST   | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | 186                   |                       | 2020-06-13    | 7.04                  |                       | 2020-09-21             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037859                                            | CEP_02            | CEP_02             | 5874  | HOBART ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | ND                    |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009747                                            | B17_07_B          | B17_07_B           | 3925  | LIBERTY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | 1.87                  |                       | 2020-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072928                                            | B15_01_B          | B15_01_B           | 920   | MINA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | 1.67                  |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013614                                            | B21_07            | B21_07             | 232   | S WINEBIDDLE ST | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-11               | No         |           |            | Yes        | 2.18                  |                       | 2020-06-15    | 7.17                  |                       | 2020-06-22             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019948                                            | B20_07            | B20_07             | 115   | MCCANDLESS AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | ND                    |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002198                                            | B18_06            | B18_06             | 3153  | ELLERS ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-10              |                          | No         |           |            |            | 2.22                  |                       | 2020-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019803                                            | B20_07            | B20_07             | 5212  | DRESDEN WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | ND                    |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068513                                            | B15_01_A          | B15_01_A           | 36    | WOESSNER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-10              | 2020-06-10               | No         |           |            |            | ND                    |                       | 2020-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009188                                            | B17_07_A          | B17_07_A           | 238   | 39TH ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-10              |                          | No         |           |            |            | 1.34                  |                       | 2020-09-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026666                                            | B19_09            | B19_09             | 5547  | COLUMBO ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-06-11              | 2020-06-11               | No         |           |            |            | ND                    |                       | 2020-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002852                                            | B18_06            | CEP_02             | 243   | DUNSEITH ST     | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-06-11              | 2020-06-11               | No         |           |            |            | ND                    |                       | 2020-09-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009555                                            | B17_07_B          | B17_07_B           | 316   | 39TH ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-11              | 2020-06-11               | No         |           |            |            | 1.79                  |                       | 2020-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003276                                            | B14_03_A          | B14_03_A           | 254   | MEYRAN AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-11              |                          | No         |           |            |            | ND                    |                       | 2020-09-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022740                                            | B20_07            | B20_07             | 6058  | SAWYER ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-11              | 2020-06-11               | No         |           |            |            | ND                    |                       | 2020-06-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019950                                            | B20_07            | B20_07             | 119   | MCCANDLESS AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-11              | 2020-06-11               | No         |           |            |            | 6.67                  |                       | 2020-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019951                                            | B20_07            | B20_07             | 121   | MCCANDLESS AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-11              | 2020-06-11               | No         |           |            |            | ND                    |                       | 2020-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073008                                            | B15_01_B          | B15_01_B           | 2137  | DONORA ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-11              |                          | No         |           |            |            | ND                    |                       | 2020-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022742                                            | B20_07            | B20_07             | 6046  | SAWYER ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-11              |                          | No         |           |            |            | ND                    |                       | 2020-06-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013615                                            | B21_07            | B21_07             | 236   | S WINEBIDDLE ST | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-11              | 2020-06-11               | No         |           |            |            | 4.76                  |                       | 2020-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013613                                            | B21_07            | B21_07             | 230   | S WINEBIDDLE ST | Lead                     | PEX                       | PEX                      | Not Replaced              | 2020-06-12              |                          | No         |           |            |            | ND                    |                       | 2020-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5072978                                            | B15_01_B          | B15_01_B           | 7     | NETTIE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-06-12              | 2020-06-12               | No         |           |            |            | ND                    |                       | 2020-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019914                                            | B20_07            | B20_07             | 5205  | KEYSTONE ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-12              |                          | No         |           |            |            | ND                    |                       | 2020-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013617                                            | B21_07            | B21_07             | 244   | S WINEBIDDLE ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-12              |                          | No         |           |            |            | ND                    |                       | 2020-09-22    | ND                    |                       | 2020-10-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019770                                            | B20_07            | B20_07             | 5226  | HARRISON ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-06-15              | 2020-06-15               | No         |           |            |            | ND                    |                       | 2020-06-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074144                                            | B15_01_B          | B15_01_B           | 2600  | SUNSET AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-06-15              |                          | No         |           |            |            | ND                    |                       | 2020-06-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019769                                            | B20_07            | B20_07             | 5228  | HARRISON ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-06-15              | 2020-06-15               | No         |           |            |            | 1.48                  |                       | 2020-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002408                                            | B18_06            | B18_06             | 2317  | 5TH AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-02                 |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

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| Construction Samples Report as of January 31, 2025 |                   |                    |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5031199                                            | CEP_02            | CEP_02             | 1628  | LINCOLN AVE     | Copper                   | Lead                      | Not Replaced             | Copper                    |                         |                          | No         |           |            |            | 1.37                  |                       | 2020-08-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013665                                            | B21_07            | B21_07             | 225   | S EVALINE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-07-29              | 2020-07-29               | No         |           |            |            | ND                    |                       | 2020-07-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013516                                            | B21_07            | B21_07             | 210   | S MILLVALE AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-07-30              | 2020-07-30               | No         |           |            |            | 33.2                  |                       | 2020-07-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013453                                            | B21_07            | B21_07             | 228   | S MATHILDA ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-07-30              | 2020-08-03               | No         |           |            | Yes        | 33.6                  |                       | 2020-08-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040796                                            | CEP_02            | CEP_02             | 205   | N DALLAS AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-07-30              | 2020-07-30               | No         |           |            |            | ND                    |                       | 2020-08-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055404                                            | SDWMR_2020A       | SDWMR_2020A        | 62    | MOUNT OLIVER ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-07-30              |                          | No         |           |            |            | 8.47                  |                       | 2020-07-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023087                                            | B20_07            | B20_07             | 249   | 57TH ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-07-30              | 2020-07-30               | No         |           |            |            | 1.37                  |                       | 2020-09-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055379                                            | SDWMR_2020A       | SDWMR_2020A        | 35    | MOUNT OLIVER ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-07-30              |                          | No         |           |            |            | ND                    |                       | 2020-07-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026746                                            | B19_09            | B19_09             | 525   | N NEGLEY AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-07-30              | 2020-07-30               | No         |           |            |            | ND                    |                       | 2020-09-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026564                                            | SDWMR_2020B       | SDWMR_2020B        | 830   | COLLINS AVE     | Copper                   | Lead                      | PEX                      | Copper                    | 2020-07-31              | 2020-07-31               | No         |           |            |            | ND                    |                       | 2020-08-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032149                                            | SDWMR_2020B       | SDWMR_2020B        | 7403  | STRANAHAN ST    | Copper                   | Lead                      | PEX                      | Copper                    | 2020-08-01              | 2020-08-01               | No         |           |            |            | 4.37                  |                       | 2020-08-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029272                                            | SDWMR_2020B       | SDWMR_2020B        | 6555  | ROWAN ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-03              | 2020-08-03               | No         |           |            |            | 7.69                  |                       | 2020-08-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013452                                            | B21_07            | B21_07             | 226   | S MATHILDA ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-03              | 2020-08-04               | No         |           |            | Yes        | 14.7                  |                       | 2020-10-27    | 17.4                  |                       | 2020-12-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026582                                            | SDWMR_2020B       | SDWMR_2020B        | 6135  | JACKSON ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-03              | 2020-08-03               | No         |           |            |            | ND                    |                       | 2020-08-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026583                                            | SDWMR_2020B       | SDWMR_2020B        | 6129  | JACKSON ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-03              | 2020-08-03               | No         |           |            |            | 5.25                  |                       | 2020-08-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013530                                            | B21_07            | B21_07             | 227   | S MILLVALE AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-03              | 2020-08-03               | No         |           |            |            | 7.52                  |                       | 2020-08-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5053225                                            | Ops               | Urgent LSLR        | 102   | S 11TH ST       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-08-04              | 2020-08-13               | No         | Emergency |            | Yes        | 1.15                  |                       | 2020-08-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013312                                            | B21_07            | B21_07             | 113   | PEARL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-04              | 2020-08-04               | No         |           |            |            | 2.35                  |                       | 2020-08-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031356                                            | Urgent LSLR       | Urgent LSLR        | 1384  | PAULSON AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-04              | 2020-08-04               | No         | Emergency |            |            | 11                    |                       | 2020-08-05    | 5.7                   |                       | 2020-11-23             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013464                                            | B21_07            | B21_07             | 250   | S MATHILDA ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-04              |                          | No         |           |            |            | 4.46                  |                       | 2020-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055131                                            | SDWMR_2020A       | SDWMR_2020A        | 1618  | ST PATRICK ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-04              | 2020-08-04               | No         |           |            |            | 2.2                   |                       | 2020-12-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027595                                            | B19_09            | B19_09             | 126   | N FAIRMOUNT ST  | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-04              |                          | No         |           |            |            | 6.08                  |                       | 2020-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013508                                            | B21_07            | B21_07             | 226   | S MILLVALE AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-04              | 2020-08-04               | No         |           |            |            | 28.7                  |                       | 2020-08-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029267                                            | SDWMR_2020B       | SDWMR_2020B        | 6569  | ROWAN ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-08-05              | 2020-08-05               | No         |           |            |            | 4.58                  |                       | 2020-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013311                                            | B21_07            | B21_07             | 111   | PEARL ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-05              |                          | No         |           |            |            | ND                    |                       | 2020-08-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013475                                            | B21_07            | B21_07             | 245   | S MATHILDA ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-05              | 2020-08-05               | No         |           |            |            | ND                    |                       | 2020-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055133                                            | SDWMR_2020A       | SDWMR_2020A        | 1648  | ST PATRICK ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-05              |                          | No         |           |            |            | 3.5                   |                       | 2020-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013313                                            | B21_07            | B21_07             | 115   | PEARL ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-05              | 2020-08-05               | No         |           |            |            | ND                    |                       | 2020-09-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019767                                            | B20_07            | B20_07             | 5232  | HARRISON ST     | Lead                     | PEX                       | PEX                      | Not Replaced              | 2020-08-05              |                          | No         |           |            |            | ND                    |                       | 2020-08-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022701                                            | B20_07            | B20_07             | 209   | 57TH ST REAR    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-05              | 2020-08-05               | No         |           |            |            | ND                    |                       | 2020-08-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055161                                            | SDWMR_2020A       | SDWMR_2020A        | 1802  | ST PATRICK ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-05              |                          | No         |           |            |            | 31.6                  |                       | 2020-08-07    | 1.67                  |                       | 2020-11-23             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013765                                            | B21_07            | B21_07             | 201   | S EVALINE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-06              | 2020-08-06               | No         |           |            |            | 2.81                  |                       | 2020-08-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022709                                            | B20_07            | B20_07             | 207   | 57TH ST REAR    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-06              | 2020-08-06               | No         |           |            |            | ND                    |                       | 2020-08-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013514                                            | B21_07            | B21_07             | 214   | S MILLVALE AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-06              | 2020-08-06               | No         |           |            |            | 3.05                  |                       | 2020-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027178                                            | SDWMR_2020B       | SDWMR_2020B        | 817   | COLLINS AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-07              | 2020-08-07               | No         |           |            |            | ND                    |                       | 2020-08-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013539                                            | B21_07            | B21_07             | 201   | S MILLVALE AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-07              | 2020-08-07               | No         |           |            |            | 1.1                   |                       | 2020-08-08    | 2.23                  |                       | 2020-08-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022568                                            | B20_07            | B20_07             | 5415  | BERLIN WAY      | Lead                     | Galvanized Iron           | PEX                      | Copper                    | 2020-08-08              | 2020-08-08               | No         |           |            |            | ND                    |                       | 2020-12-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       | </                    |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5013498                                            | B21_07            | B21_07             | 246   | S MILLVALE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-26              | 2020-08-26               | No         |           |            |            | 19.2                  |                       | 2020-08-26    | 6.52                  |                       | 2020-09-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013442                                            | B21_07            | B21_07             | 206   | S MATHILDA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-26              | 2020-08-26               | No         |           |            |            | 18.6                  |                       | 2020-08-27    | 2.74                  |                       | 2020-12-08             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019727                                            | B20_07            | B20_07             | 5152  | BUTLER ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-26              | 2020-08-26               | No         |           |            |            | ND                    |                       | 2020-10-25    | ND                    |                       | 2020-11-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019755                                            | B20_07            | B20_07             | 39    | MCCANDLESS AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-26              | 2020-08-26               | No         |           |            |            | 21                    |                       | 2020-08-27    | ND                    |                       | 2020-12-08             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013443                                            | B21_07            | B21_07             | 208   | S MATHILDA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-26              | 2020-08-26               | No         |           |            |            | 1.21                  |                       | 2020-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065799                                            | B22_01            | B22_01             | 1213  | RESACA PL         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-26              |                          | No         |           |            |            | ND                    |                       | 2020-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065796                                            | B22_01            | B22_01             | 1207  | RESACA PL         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-08-27              | 2020-08-27               | No         |           |            |            | 3.35                  |                       | 2020-08-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066230                                            | B22_01            | B22_01             | 1312  | BOYLE ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-27              | 2020-08-27               | No         |           |            |            | ND                    |                       | 2020-11-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022458                                            | B20_07            | B20_07             | 5331  | CARNEGIE ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-27              |                          | No         |           |            |            | 19.9                  |                       | 2020-08-28    | ND                    |                       | 2021-02-23             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019754                                            | B20_07            | B20_07             | 41    | MCCANDLESS AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-27              | 2020-08-27               | No         |           |            |            | 41                    |                       | 2020-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054922                                            | SDWMR_2020A       | SDWMR_2020A        | 6     | MAGDALENE ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-27              |                          | No         |           |            |            | ND                    |                       | 2020-08-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066220                                            | B22_01            | B22_01             | 1222  | BOYLE ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-27              |                          | No         |           |            |            | 1.15                  |                       | 2020-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013324                                            | B21_07            | B21_07             | 204   | S MATHILDA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-27              | 2020-08-27               | No         |           |            |            | 3.07                  |                       | 2020-10-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013527                                            | B21_07            | B21_07             | 233   | S MILLVALE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-27              | 2020-08-27               | No         |           |            |            | 31.8                  |                       | 2020-08-28    | 8.17                  |                       | 2020-12-08             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065941                                            | B22_01            | B22_01             | 1208  | RESACA PL         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-28              | 2020-08-28               | No         |           |            |            | ND                    |                       | 2020-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013505                                            | B21_07            | B21_07             | 232   | S MILLVALE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-28              | 2020-08-29               | No         |           |            | Yes        | 7.7                   |                       | 2020-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054921                                            | SDWMR_2020A       | SDWMR_2020A        | 2     | MAGDALENE ST      | Copper                   | Lead                      | PEX                      | Copper                    | 2020-08-28              | 2020-08-28               | No         |           |            |            | 58.2                  |                       | 2020-08-29    | ND                    |                       | 2021-01-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018859                                            | CEP_02            | CEP_02             | 421   | N MILLVALE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-28              | 2020-08-28               | No         |           |            |            | 3.66                  |                       | 2020-08-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066209                                            | B22_01            | B22_01             | 1200  | BOYLE ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-31              |                          | No         |           |            |            | 2.83                  |                       | 2020-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065945                                            | B22_01            | B22_01             | 1202  | RESACA PL         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-31              |                          | No         |           |            |            | 4.22                  |                       | 2020-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019747                                            | B20_07            | B20_07             | 5229  | BUTLER ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-31              | 2020-08-31               | No         |           |            |            | 7.01                  |                       | 2020-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014154                                            | B21_07            | B21_07             | 305   | S WINEBIDDLE ST   | Lead                     | Lead                      | PEX                      | Copper                    | 2020-08-31              | 2020-08-31               | No         |           |            |            | 33.6                  |                       | 2020-08-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065811                                            | B22_01            | B22_01             | 1237  | RESACA PL         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-08-31              |                          | No         |           |            |            | ND                    |                       | 2020-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078008                                            | SDWMR_2019        | SDWMR_2019         | 3510  | MASSACHUSETTS AVE | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-09-01              |                          | No         |           |            |            | ND                    |                       | 2020-09-01    | 2.88                  |                       | 2020-09-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078005                                            | SDWMR_2019        | SDWMR_2019         | 3518  | MASSACHUSETTS AVE | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-09-01              | 2020-09-01               | No         |           |            |            | 7.22                  |                       | 2020-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023022                                            | B20_07            | B20_07             | 5612  | DONSON WAY        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-09-01              |                          | No         |           |            |            | 1.42                  |                       | 2020-10-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066368                                            | B22_01            | B22_01             | 1114  | RESACA PL         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-01              | 2020-09-01               | No         |           |            |            | 2.37                  |                       | 2020-09-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065807                                            | B22_01            | B22_01             | 1229  | RESACA PL         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-09-01              |                          | No         |           |            |            | 1.46                  |                       | 2020-09-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065929                                            | B22_01            | B22_01             | 1230  | RESACA PL         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-01              | 2020-09-01               | No         |           |            |            | 1.21                  |                       | 2020-09-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013445                                            | B21_07            | B21_07             | 210   | S MATHILDA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-02              | 2020-09-02               | No         |           |            |            | 27.8                  |                       | 2020-09-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066213                                            | B22_01            | B22_01             | 1207  | LORAINNE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-02              | 2020-09-02               | No         |           |            |            | ND                    |                       | 2020-09-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065810                                            | B22_01            | B22_01             | 1235  | RESACA PL         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-02              | 2020-09-02               | No         |           |            |            | 1.48                  |                       | 2020-09-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065925                                            | B22_01            | B22_01             | 1236  | RESACA PL         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-09-02              |                          | No         |           |            |            | 3.25                  |                       | 2020-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016234                                            | Ops               | Urgent LSLR        | 309   | 45TH ST           | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-09-02              | 2020-09-02               | No         | Emergency |            |            | 1.22                  |                       | 2020-09-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022352                                            | Ops               | Urgent LSLR        | 914   | HIGHVIEW ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-03              | 2020-09-10               | No         | Emergency |            | Yes        | 1.86                  |                       | 2020-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066218                                            | B22_01            | B22_01             | 1214  | BOYLE ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-03              | 2020-09-03               | No         |           |            |            | 1.25                  |                       | 2020-09-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055288                                            | SDWMR_2020A       | SDWMR_2020A        | 31    | ST THOMAS ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-03              | 2020-09-03               | No         |           |            |            | 5.57                  |                       | 2020-09-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5                                                  |                   |                    |       |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |       |                    |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-------|--------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House | Street             | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5076880                                            | CEP_03            | CEP_03             | 1251  | SUPERIOR AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-28              | 2020-09-28               | No         |           |            |            | 7.48                  |                       | 2020-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000619                                            | B16_06            | B16_06             | 1726  | TUSTIN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-28              | 2020-09-28               | No         |           |            |            | ND                    |                       | 2020-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051147                                            | CEP_03            | CEP_03             | 2506  | SARAH ST           | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2020-09-28               | No         |           |            |            | 1.25                  |                       | 2020-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065829                                            | B22_01            | B22_01             | 1236  | MONTEREY ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-09-29              |                          | No         |           |            |            | 8.58                  |                       | 2020-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077597                                            | CEP_03            | CEP_03             | 3575  | ELMHURST AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-29              | 2020-09-29               | No         |           |            |            | 10.8                  |                       | 2020-10-01    | 1.06                  |                       | 2021-03-22             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055100                                            | SDWMR_2020A       | SDWMR_2020A        | 60    | MAGDALENE ST       | Lead                     | PEX                       | PEX                      | Not Replaced              | 2020-09-29              |                          | No         |           |            |            | ND                    |                       | 2020-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050866                                            | CEP_03            | CEP_03             | 2325  | HARCUM WAY         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-29              | 2020-09-29               | No         |           |            |            | ND                    |                       | 2020-11-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078090                                            | SDWMR_2019        | SDWMR_2019         | 1558  | HUBBARD ST         | PEX                      | Lead                      | PEX                      | Copper                    | 2020-09-29              | 2020-09-29               | No         |           |            |            | 1.43                  |                       | 2020-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027188                                            | SDWMR_2020B       | SDWMR_2020B        | 814   | N SHERIDAN AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-29              | 2020-09-29               | No         |           |            |            | 1.77                  |                       | 2020-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019684                                            | B21_07            | B21_07             | 5213  | PENN AVE           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-30              | 2020-09-30               | No         |           |            |            | ND                    |                       | 2020-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065784                                            | B22_01            | B22_01             | 508   | N TAYLOR AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-30              | 2020-09-30               | No         |           |            |            | 1.2                   |                       | 2020-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065785                                            | B22_01            | B22_01             | 506   | N TAYLOR AVE       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-09-30              | 2020-09-30               | No         |           |            |            | 2.55                  |                       | 2020-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000612                                            | B16_06            | B16_06             | 1718  | TUSTIN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-30              | 2020-09-30               | No         |           |            |            | ND                    |                       | 2020-10-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027193                                            | SDWMR_2020B       | SDWMR_2020B        | 815   | N SHERIDAN AVE     | Copper                   | Lead                      | PEX                      | Copper                    | 2020-09-30              | 2020-09-30               | No         |           |            |            | 82.5                  |                       | 2020-10-02    | 4.02                  |                       | 2020-11-03             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066110                                            | B22_01            | B22_01             | 110   | MCKNARY BLVD       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-09-30              | 2020-09-30               | No         |           |            |            | ND                    |                       | 2020-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061947                                            | Urgent LSLR       | Urgent LSLR        | 53    | MCKNIGHT ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-01              | 2020-10-01               | No         | Emergency |            | Yes        | 4.48                  |                       | 2020-12-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071635                                            | B08_06_B          | CEP_03             | 539   | MARSHALL AVE       | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2020-10-01               | No         |           |            |            | 1.51                  |                       | 2020-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066599                                            | CEP_03            | CEP_03             | 1108  | JAMES ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-01              | 2020-10-01               | No         |           |            |            | 1.75                  |                       | 2020-11-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000629                                            | B16_06            | B16_06             | 1812  | TUSTIN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-01              | 2020-10-01               | No         |           |            |            | 4.02                  |                       | 2020-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065792                                            | B22_01            | B22_01             | 424   | N TAYLOR AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-01              | 2020-10-01               | No         |           |            |            | ND                    |                       | 2020-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000575                                            | B16_06            | B16_06             | 36    | MILTENBERGER ST    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-05              |                          | No         |           |            |            | ND                    |                       | 2020-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065714                                            | B22_01            | B22_01             | 913   | W NORTH AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-05              | 2020-10-05               | No         |           |            |            | ND                    |                       | 2020-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000614                                            | B16_06            | B16_06             | 1723  | LOCUST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-05              | 2020-10-05               | No         |           |            |            | 2.73                  |                       | 2020-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065772                                            | B22_01            | B22_01             | 602   | N TAYLOR AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-05              |                          | No         |           |            |            | ND                    |                       | 2020-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065915                                            | B22_01            | B22_01             | 412   | N TAYLOR AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-05              |                          | No         |           |            |            | 1.18                  |                       | 2020-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065713                                            | B22_01            | B22_01             | 911   | W NORTH AVE        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-05              |                          | No         |           |            |            | ND                    |                       | 2020-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010226                                            | Ops               | Urgent LSLR        | 4789  | WALLINGFORD ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-06              | 2020-10-09               | No         | Emergency |            | Yes        | 5.07                  |                       | 2020-10-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065912                                            | B22_01            | B22_01             | 406   | N TAYLOR AVE       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-10-06              | 2020-10-06               | No         |           |            |            | ND                    |                       | 2020-10-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000607                                            | B16_06            | B16_06             | 1707  | LOCUST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-06              | 2020-10-06               | No         |           |            |            | 1.96                  |                       | 2020-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065914                                            | B22_01            | B22_01             | 410   | N TAYLOR AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-06              | 2020-10-06               | No         |           |            |            | 1.04                  |                       | 2020-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026538                                            | SDWMR_2020B       | SDWMR_2020B        | 823   | N SHERIDAN AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-06              | 2020-10-06               | No         |           |            |            | ND                    |                       | 2020-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078117                                            | SDWMR_2019        | SDWMR_2019         | 1419  | HUBBARD ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-10-06              | 2020-10-06               | No         |           |            |            | ND                    |                       | 2020-10-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065911                                            | B22_01            | B22_01             | 404   | N TAYLOR AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-07              |                          | No         |           |            |            | 3.05                  |                       | 2020-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078309                                            | CEP_03            | CEP_03             | 3413  | FLEMING AVE        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-07              |                          | No         |           |            |            | 41.9                  |                       | 2020-10-08    | ND                    |                       | 2021-01-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078082                                            | SDWMR_2019        | SDWMR_2019         | 1534  | HUBBARD ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-10-08              | 2020-10-08               | No         |           |            |            | 42.6                  |                       | 2020-10-09    | 1.24                  |                       | 2021-06-02             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5065890                                            | B22_01            | B22_01             | 1227  | BUENA VISTA ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-08              |                          | No         |           |            |            | ND                    |                       | 2020-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000665                                            | B16_06            | B16_06             | 1835  | BLVD OF THE ALLIES | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-10-08              |                          | No         |           |            |            | 4.87                  |                       | 2020-10-08    | 2.23                  |                       | 2020-10-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000717                                            | B16_06</          |                    |       |                    |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                    |           |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|-----------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House     | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5049780                                            | SDWMR_2020A       | SDWMR_2020A        | 4109      | MURRAY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-19              | 2020-11-19               | No         |           |            |            | ND                    |                       | 2021-01-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019664                                            | CEP_03            | CEP_03             | 5369      | WATERFORD ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-20              | 2020-11-20               | No         |           |            |            | 5.87                  |                       | 2020-11-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049778                                            | SDWMR_2020A       | SDWMR_2020A        | 4142      | MURRAY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-20              | 2020-11-20               | No         |           |            |            | ND                    |                       | 2020-11-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049737                                            | SDWMR_2020A       | SDWMR_2020A        | 4144-4146 | MURRAY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-21              | 2020-11-21               | No         |           |            |            | ND                    |                       | 2020-11-21    | 1.1                   |                       | 2020-11-30             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026653                                            | B19_09            | CEP_03             | 518       | N FAIRMOUNT ST    | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-11-23              | 2020-11-23               | No         |           |            |            | ND                    |                       | 2020-11-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014362                                            | CEP_03            | CEP_03             | 320       | S AIKEN AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-23              | 2020-11-23               | No         |           |            |            | 3.53                  |                       | 2020-11-25    | 13.5                  |                       | 2020-12-29             | 1.16                  |                       | 2021-05-30    |                       |                       |               |                       |                       |               |
| 5049772                                            | SDWMR_2020A       | SDWMR_2020A        | 4137      | MURRAY AVE        | Unknown                  | Lead                      | PEX                      | Copper                    | 2020-11-24              | 2020-11-24               | No         |           |            |            | ND                    |                       | 2020-11-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049771                                            | SDWMR_2020A       | SDWMR_2020A        | 4139      | MURRAY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-24              | 2020-11-24               | No         |           |            |            | 6.92                  |                       | 2020-11-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080518                                            | CEP_03            | CEP_03             | 3805      | WILKSBORO ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-25              | 2020-11-25               | No         |           |            |            | 19.9                  |                       | 2020-11-26    | 1.41                  |                       | 2021-03-22             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5073024                                            | CEP_03            | CEP_03             | 2205      | ROCKLEDGE ST      | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-11-25              | 2020-11-25               | No         |           |            |            | 7.18                  |                       | 2020-11-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080534                                            | CEP_03            | CEP_03             | 3829      | OSWEGO ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-27              | 2020-11-27               | No         |           |            |            | ND                    |                       | 2020-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5063484                                            | CEP_03            | CEP_03             | 1115      | FREDONIA ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-11-27              | 2020-11-27               | No         |           |            |            | 9.75                  |                       | 2020-12-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020838                                            | CEP_03            | CEP_03             | 4369      | STANTON AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-02              | 2020-12-02               | No         |           |            |            | 4.41                  |                       | 2020-12-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5074180                                            | CEP_03            | CEP_03             | 2706      | SPRING GARDEN AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-02              | 2020-12-02               | No         |           |            |            | ND                    |                       | 2020-12-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049744                                            | SDWMR_2020A       | SDWMR_2020A        | 4124      | MURRAY AVE        | Unknown                  | Lead                      | PEX                      | Copper                    | 2020-12-02              | 2020-12-02               | No         |           |            |            | 1.86                  |                       | 2020-12-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077712                                            | CEP_03            | CEP_03             | 3544      | CALIFORNIA AVE    | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-03              | 2020-12-03               | No         |           |            |            | ND                    |                       | 2020-12-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078041                                            | CEP_03            | CEP_03             | 3445      | FLEMING AVE       | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-03              | 2020-12-03               | No         |           |            |            | ND                    |                       | 2021-02-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044520                                            | CEP_03            | CEP_03             | 3221      | RAYMOND ST        | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-04              | 2020-12-04               | No         |           |            |            | 293                   |                       | 2020-12-04    | 1.49                  |                       | 2021-01-25             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022924                                            | CEP_03            | CEP_03             | 1501      | SIMONA DR         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-04              | 2020-12-04               | No         |           |            |            | 3.22                  |                       | 2020-12-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007922                                            | B17_07_A          | B17_07_A           | 3337      | PENN AVE          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-12-07              |                          | No         |           |            |            | ND                    |                       | 2020-12-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025307                                            | CEP_03            | CEP_03             | 1133      | N SAINT CLAIR ST  | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-07              | 2020-12-07               | No         |           |            |            | 1.65                  |                       | 2020-12-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040516                                            | CEP_03            | CEP_03             | 7114      | JONATHAN PL       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-07              | 2020-12-07               | No         |           |            |            | 8.74                  |                       | 2021-02-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007488                                            | Ops               | Urgent LSLR        | 825       | CHEROKEE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-08              | 2020-12-10               | No         | Emergency |            | Yes        | 2.06                  |                       | 2021-01-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077793                                            | Urgent LSLR       | Urgent LSLR        | 1508      | DAVIS AVE         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-12-08              | 2020-12-08               | No         | Emergency |            |            | 7.25                  |                       | 2020-12-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5005056                                            | CEP_03            | CEP_03             | 1626      | FRASIER ST        | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-08              | 2020-12-08               | No         |           |            |            | 1.77                  |                       | 2020-12-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045441                                            | CEP_03            | CEP_03             | 4017      | COLEMAN ST        | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-09              | 2020-12-09               | No         |           |            |            | ND                    |                       | 2020-12-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077794                                            | CEP_03            | CEP_03             | 1506      | DAVIS AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-09              | 2020-12-09               | No         |           |            |            | ND                    |                       | 2021-08-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5049773                                            | SDWMR_2020A       | SDWMR_2020A        | 4135      | MURRAY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-10              | 2020-12-10               | No         |           |            |            | 9.28                  |                       | 2021-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024583                                            | B19_09            | CEP_03             | 423       | N GRAHAM ST       | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-10              | 2020-12-10               | No         |           |            |            | 1.02                  |                       | 2020-12-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020737                                            | CEP_03            | CEP_03             | 5557      | CAMELIA ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-12-11              | 2020-12-11               | No         |           |            |            | 4                     |                       | 2020-12-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054484                                            | Ops               | Urgent LSLR        | 1816      | SARAH ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-11              | 2020-12-11               | No         | Emergency |            |            | 6.2                   |                       | 2021-01-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5133078                                            | CEP_03            | CEP_03             | 509       | N BEATTY ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-14              | 2020-12-14               | No         |           |            |            | 2.52                  |                       | 2020-12-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5119838                                            | CEP_03            | CEP_03             | 65        | S 16TH ST         | Lead                     | Lead                      | Not Replaced             | Copper                    | 2020-12-14              | 2020-12-14               | No         |           |            |            | 5.9                   |                       | 2020-12-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027050                                            | CEP_03            | CEP_03             | 6114      | SAINT MARIE ST    | Copper                   | Copper                    | PEX                      | Not Replaced              | 2020-12-15              |                          | No         |           |            |            | 3.01                  |                       | 2020-12-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051486                                            | CEP_03            | CEP_03             | 24        | KOSCIUSKO WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-15              | 2020-12-15               | No         |           |            |            | 5.24                  |                       | 2020-12-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031961                                            | SDWMR_2020B       | SDWMR_2020B        | 7215      | TILDEN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-15              | 2020-12-15               | No         |           |            |            | ND                    |                       | 2020-12-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031963                                            | SDWMR_2020B       | SDWMR_2020B        | 7227      | TILDEN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-15              | 2020-12-15               | No         |           |            |            | ND                    |                       | 2020-12-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026038                                            | SDWMR_2020B       | SDWMR_2020B        | 1106      | N SHERIDAN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-16              | 2020-12-16               | No         |           |            |            | 4.93                  |                       | 2020-12-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019667                                            | B19_09            | CEP_03             | 119       | N AIKEN AVE       | Copper                   | Lead                      | Not Replaced             | Copper                    | 2020-12-16              | 2020-12-16               | No         |           |            |            | 9.13                  |                       | 2020-12-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014745                                            | CEP_03            | CEP_03             | 4918      | SCOTIA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2020-12-16              | 2020-12-16               | No         |           |            |            | 1.35                  |                       | 2021-03-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069823                                            | CEP_03            | CEP_03             | 43        | OVERLOOK ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-12-28              |                          | No         |           |            |            | ND                    |                       | 2021-01-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078056                                            | CEP_03            | CEP_03             | 3432      | FLEMING AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-12-29              |                          | No         |           |            |            | 1.03                  |                       | 2021-01-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030916                                            | CEP_03            | CEP_03             | 6925      | WILTSIE ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2020-12-29              |                          | No         |           |            |            | 1.37                  |                       | 2021-01-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052180                                            | CEP_03            | CEP_03             | 2852      | BERG ST           | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2020-12-30              | 2020-12-30               | No         |           |            |            | 6.44                  |                       | 2021-01-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032837                                            | SDWMR_2020B       | SDWMR_2020B        | 1515      | N HOMEWOOD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-15              | 2021-01-15               | No         |           |            | Yes        | 1.03                  |                       | 2021-03-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039047                                            | SDWMR_2020A       | SDWMR_2020A        | 5820      | MORROWFIELD AVE   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2021-01-19              | 2021-01-19               | No         |           |            |            | ND                    |                       | 2021-03-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039096                                            | SDWMR_2020A       | SDWMR_2020A        | 5832      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-19              | 2021-01-19               | No         |           |            |            | 2.04                  |                       | 2021-01-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5027497                                            | Urgent LSLR       | Urgent LSLR        | 508       | N SHERIDAN AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-19              | 2021-01-19               | No         | Emergency |            |            | 3.45                  |                       | 2021-01-21    | ND                    |                       | 2021-05-10             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039100                                            | SDWMR_2020A       | SDWMR_2020A        | 5850      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-20              | 2021-01-20               | No         |           |            |            | 45.7                  |                       | 2021-01-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040051                                            | SDWMR_2020A       | SDWMR_2020A        | 3310      | SHADY AVENUE EXT  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-20              | 2021-01-20               | No         |           |            |            | ND                    |                       | 2021-01-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026492                                            | CEP_03            | CEP_03             | 817       | FARRAGUT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-21              | 2021-01-21               | No         |           |            |            | 6.94                  |                       | 2021-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039098                                            | SDWMR_2020A       | SDWMR_2020A        | 5840      | MORROWFIELD AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-21              | 2021-01-21               | No         |           |            |            | ND                    |                       | 2021-12-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014760                                            | Ops               | Urgent LSLR        | 4911      | SCOTIA ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-22              | 2021-01-23               | No         | Emergency |            | Yes        | 178                   |                       | 2021-01-24    | ND                    |                       | 2021-02-16             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026493                                            | Urgent LSLR       | Urgent LSLR        | 815       | FARRAGUT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-22              | 2021-01-22               | No         | Emergency |            |            | ND                    |                       | 2021-01-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039052                                            | SDWMR_2020A       | SDWMR_2020A        | 5806      | MORROWFIELD AVE   | Copper                   | Lead                      | PEX                      | Copper                    | 2021-01-22              | 2021-01-22               | No         |           |            |            | ND                    |                       | 2021-01-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039072                                            | SDWMR_2020A       | SDWMR_2020A        | 5845      | BURCHFIELD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-22              | 2021-01-22               | No         |           |            |            | 2.94                  |                       | 2021-01-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039069                                            | SDWMR_2020A       | SDWMR_2020A        | 5852      | BURCHFIELD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-25              | 2021-01-25               | No         |           |            |            | 3.28                  |                       | 2021-01-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039064                                            | SDWMR_2020A       | SDWMR_2020A        | 5872      | BURCHFIELD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-25              | 2021-01-25               | No         |           |            |            | 8.64                  |                       | 2021-01-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024188                                            | B01_07            | CEP_03             | 6908      | STANDISH ST       | Copper                   | Lead                      | Not Replaced             | Copper                    | 2021-01-25              | 2021-01-25               | No         |           |            |            | 8.43                  |                       | 2021-01-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026495                                            | Urgent LSLR       | Urgent LSLR        | 811       | FARRAGUT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-01-25              | 2021-01-25               | No         | Emergency |            |            | ND                    |                       | 2021-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                           |                           |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|---------------------------|---------------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public         | Work Order Private        | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5039586                                            | SDWMR_2020A               | SDWMR_2020A               | 6430  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-03              | 2021-03-03               | No         |           |            |            | 8.77                  |                       | 2021-03-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025122                                            | Ops                       | Urgent LSLR               | 1091  | KING AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-04              | 2021-03-05               | No         | Emergency |            | Yes        | 1.57                  |                       | 2021-03-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048304                                            | Ops                       | Urgent LSLR               | 401.5 | W ELIZABETH ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-04              | 2021-03-04               | No         | Emergency |            |            | ND                    |                       | 2021-03-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004719                                            | CEF_03                    | CEF_03                    | 3237  | GORMAN WAY      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2021-03-04              | 2021-03-04               | No         |           |            |            | 4.38                  |                       | 2021-04-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032465                                            | SDWMR_2020B               | SDWMR_2020B               | 1501  | N LANG AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-04              | 2021-03-04               | No         |           |            |            | ND                    |                       | 2021-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010591                                            | Walnut Street Water Relay | Walnut Street Water Relay | 5430  | WALNUT ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-03-04              | 2021-03-04               | No         |           |            |            | ND                    |                       | 2021-12-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010590                                            | Walnut Street Water Relay | Walnut Street Water Relay | 5432  | WALNUT ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-03-04              | 2021-03-04               | No         |           |            |            | ND                    |                       | 2021-04-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010510                                            | Walnut Street Water Relay | Walnut Street Water Relay | 5406  | WALNUT ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-03-04              | 2021-03-04               | No         |           |            |            | ND                    |                       | 2021-03-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039581                                            | SDWMR_2020A               | SDWMR_2020A               | 6452  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-05              | 2021-03-05               | No         |           |            |            | 6.44                  |                       | 2021-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039572                                            | SDWMR_2020A               | SDWMR_2020A               | 6484  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-05              | 2021-03-05               | No         |           |            |            | ND                    |                       | 2021-03-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029070                                            | Ops                       | Urgent LSLR               | 115   | MEADOW ST       | Lead                     | Lead                      | Copper                   | Copper                    | 2021-03-05              | 2021-03-08               | No         | Emergency |            | Yes        | ND                    |                       | 2021-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050006                                            | SDWMR_2020A               | SDWMR_2020A               | 960   | GREENFIELD AVE  | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2021-03-05              | 2021-03-05               | No         |           |            |            | 8.25                  |                       | 2021-03-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010597                                            | Walnut Street Water Relay | Walnut Street Water Relay | 735   | COPELAND ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-03-05              | 2021-03-05               | No         |           |            |            | ND                    |                       | 2021-03-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010584                                            | Walnut Street Water Relay | Walnut Street Water Relay | 5442  | WALNUT ST       | Copper                   | Lead                      | Copper                   | Copper                    | 2021-03-08              | 2021-03-08               | No         |           |            |            | ND                    |                       | 2021-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048293                                            | SDWMR_2019                | SDWMR_2019                | 5125  | BLAIR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-08              | 2021-03-08               | No         |           |            |            | ND                    |                       | 2021-03-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050003                                            | SDWMR_2020A               | SDWMR_2020A               | 968   | GREENFIELD AVE  | Copper                   | Lead                      | PEX                      | Copper                    | 2021-03-08              | 2021-03-08               | No         |           |            |            | ND                    |                       | 2021-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048292                                            | SDWMR_2019                | SDWMR_2019                | 5127  | BLAIR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-08              | 2021-03-08               | No         |           |            |            | 41.2                  |                       | 2021-03-09    | ND                    |                       | 2021-07-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010508                                            | Walnut Street Water Relay | Walnut Street Water Relay | 811   | S AIKEN AVE     | Lead                     | Lead                      | Copper                   | Copper                    | 2021-03-08              | 2021-03-08               | No         |           |            |            | 9.21                  |                       | 2021-03-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039585                                            | SDWMR_2020A               | SDWMR_2020A               | 6434  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-08              | 2021-03-08               | No         |           |            |            | 4.14                  |                       | 2021-03-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048466                                            | SDWMR_2019                | SDWMR_2019                | 5154  | GLOSTER ST      | Copper                   | Lead                      | PEX                      | Copper                    | 2021-03-09              | 2021-03-09               | No         |           |            |            | 10.4                  |                       | 2021-03-11    | ND                    |                       | 2021-07-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039552                                            | SDWMR_2020A               | SDWMR_2020A               | 6433  | MONITOR ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-03-09              | 2021-03-09               | No         |           |            |            | ND                    |                       | 2021-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050018                                            | SDWMR_2020A               | SDWMR_2020A               | 953   | GREENFIELD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-09              | 2021-03-09               | No         |           |            |            | 2.4                   |                       | 2021-03-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050024                                            | SDWMR_2020A               | SDWMR_2020A               | 971   | GREENFIELD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-10              | 2021-03-10               | No         |           |            |            | 1.27                  |                       | 2021-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039562                                            | SDWMR_2020A               | SDWMR_2020A               | 6469  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-10              | 2021-03-10               | No         |           |            |            | 22.4                  |                       | 2021-03-11    | 2.49                  |                       | 2021-07-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048456                                            | SDWMR_2019                | SDWMR_2019                | 5122  | GLOSTER ST      | PEX                      | Lead                      | PEX                      | Copper                    | 2021-03-11              | 2021-03-11               | No         |           |            |            | ND                    |                       | 2021-03-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050021                                            | SDWMR_2020A               | SDWMR_2020A               | 961   | GREENFIELD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-11              | 2021-03-11               | No         |           |            |            | 3.63                  |                       | 2021-04-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039589                                            | SDWMR_2020A               | SDWMR_2020A               | 6422  | MONITOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-16              | 2021-03-16               | No         |           |            |            | ND                    |                       | 2021-03-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050019                                            | SDWMR_2020A               | SDWMR_2020A               | 955   | GREENFIELD AVE  | Copper                   | Lead                      | PEX                      | Copper                    | 2021-03-16              | 2021-03-16               | No         |           |            |            | ND                    |                       | 2021-03-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032820                                            | SDWMR_2020B               | SDWMR_2020B               | 7179  | UPLAND ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-16              | 2021-03-16               | No         |           |            |            | 2.25                  |                       | 2021-03-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048268                                            | SDWMR_2019                | SDWMR_2019                | 210   | W ELIZABETH ST  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-16              | 2021-03-16               | No         |           |            |            | ND                    |                       | 2021-03-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032604                                            | SDWMR_2020B               | SDWMR_2020B               | 7118  | MOUNT VERNON ST | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-17              | 2021-03-17               | No         |           |            |            | 5.96                  |                       | 2021-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048267                                            | SDWMR_2019                | SDWMR_2019                | 212   | W ELIZABETH ST  | PEX                      | Lead                      | PEX                      | Copper                    | 2021-03-17              | 2021-03-17               | No         |           |            |            | ND                    |                       | 2021-03-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050309                                            | SDWMR_2020A               | SDWMR_2020A               | 1151  | GREENFIELD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-20              | 2021-03-20               | No         |           |            |            | 159                   |                       | 2021-03-20    | 3.42                  |                       | 2021-04-12             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5047904                                            | SDWMR_2019                | SDWMR_2019                | 5017  | LANGHORN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-22              | 2021-03-22               | No         |           |            |            | ND                    |                       | 2021-03-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032544                                            | SDWMR_2020B               | SDWMR_2020B               | 7146  | UPLAND ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-22              | 2021-03-22               | No         |           |            |            | 1.31                  |                       | 2021-03-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050250                                            | SDWMR_2020A               | SDWMR_2020A               | 1146  | GREENFIELD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-03-23              | 2021-03-23               | No         |           |            |            | 18.7                  |                       | 2021-03-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5050216                                            | SDWMR                     |                           |       |                 |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |               |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|---------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street        | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5059486                                            | SDWMR_2020A       | SDWMR_2020A           | 226   | SMITH WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-07              | 2021-07-07               | No         |           |            |            |                       |                       | 2021-07-08    |                       |                       | 2021-08-16             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051982                                            | SDWMR_2019        | SDWMR_2019            | 240   | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-09              | 2021-07-09               | No         |           |            |            | 1.26                  |                       |               | 8.89                  |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5009369                                            | Ops               | Urgent LSLR           | 3472  | LIGONER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-12              | 2021-07-14               | Yes        | Emergency |            |            | 1.19                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051947                                            | SDWMR_2019        | SDWMR_2019            | 2427  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-12              | 2021-07-12               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018529                                            | Ops               | Urgent LSLR           | 4608  | PLUMMER ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-14              | 2021-07-14               | No         |           | Emergency  |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051988                                            | SDWMR_2019        | SDWMR_2019            | 2427  | BERG ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-07-14              |                          | No         |           |            |            | 5.55                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051990                                            | SDWMR_2019        | SDWMR_2019            | 2434  | COBDEN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-07-14              |                          | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052263                                            | Ops               | Urgent LSLR           | 2115  | ARLINGTON AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-16              | 2021-08-26               | No         | Emergency |            | Yes        | 2.75                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052383                                            | SDWMR_2019        | SDWMR_2019            | 2416  | SALISBURY ST  | Lead                     | Copper                    | PEX                      | Copper                    | 2021-07-16              | 2021-07-16               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058781                                            | SDWMR_2020A       | SDWMR_2020A           | 508   | GRACE ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-16              | 2021-07-16               | No         |           |            |            | 8.42                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051942                                            | SDWMR_2019        | SDWMR_2019            | 2503  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-20              | 2021-07-20               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051941                                            | SDWMR_2019        | SDWMR_2019            | 2505  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-20              | 2021-07-20               | No         |           |            |            | 4.16                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051993                                            | SDWMR_2019        | SDWMR_2019            | 2500  | COBDEN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-07-20              |                          | No         |           |            |            | 10.6                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052132                                            | SDWMR_2019        | SDWMR_2019            | 2711  | COBDEN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-07-21              |                          | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051995                                            | SDWMR_2019        | SDWMR_2019            | 2508  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-22              | 2021-07-22               | No         |           |            |            | 18.6                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037188                                            | Ops               | Urgent LSLR           | 5646  | DARLINGTON RD | Lead                     | Lead                      | Copper                   | Copper                    | 2021-07-23              | 2021-08-02               | No         | Emergency |            | Yes        | 5.78                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051707                                            | Ops               | Urgent LSLR           | 2628  | STELLA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-23              | 2021-07-27               | No         |           | Emergency  | Yes        | 4.24                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5058793                                            | SDWMR_2020A       | SDWMR_2020A           | 501   | GRACE ST      | Lead                     | Copper                    | PEX                      | Copper                    | 2021-07-26              | 2021-07-26               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052126                                            | SDWMR_2019        | SDWMR_2019            | 2733  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-26              | 2021-07-26               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052144                                            | SDWMR_2019        | SDWMR_2019            | 2632  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-27              | 2021-07-27               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052140                                            | SDWMR_2019        | SDWMR_2019            | 2718  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-27              | 2021-07-27               | No         |           |            |            | 2.63                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052127                                            | SDWMR_2019        | SDWMR_2019            | 2727  | COBDEN ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2021-07-28              | 2021-07-28               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052128                                            | SDWMR_2019        | SDWMR_2019            | 2725  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-28              | 2021-07-28               | No         |           |            |            | 1.23                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052182                                            | SDWMR_2019        | SDWMR_2019            | 3     | COLOGNE ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-07-29              | 2021-07-29               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079797                                            | Ops               | Urgent LSLR           | 4055  | CAMBRONNE LSR | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-01              | 2021-08-04               | No         |           | Emergency  |            | 13                    |                       |               | 56.7                  |                       |                        | 2021-09-20            |                       | 1.89          |                       | 2021-09-22            |               |                       |                       |               |
| 5052188                                            | SDWMR_2019        | SDWMR_2019            | 2803  | COBDEN ST     | Copper                   | Copper                    | PEX                      | Copper                    | 2021-08-02              | 2021-08-02               | No         |           |            |            | 2.18                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069403                                            | Ops               | Private Reimbursement | 1922  | TOURS ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-03              | 2021-08-03               | No         | Emergency |            |            | 4.42                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013205                                            | Ops               | Urgent LSLR           | 103   | MOREWOOD AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-03              | 2021-08-19               | No         | Emergency |            | Yes        | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052198                                            | SDWMR_2019        | SDWMR_2019            | 2833  | COBDEN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-04              | 2021-08-04               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014600                                            | Ops               | Urgent LSLR           | 4784  | YEW ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-05              | 2021-08-20               | No         | Emergency |            | Yes        | 2                     |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052624                                            | SDWMR_2019        | SDWMR_2019            | 3101  | NORTHVIEW ST  | Copper                   | Lead                      | PEX                      | Copper                    | 2021-08-09              | 2021-08-09               | No         |           |            |            | 3.96                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052209                                            | SDWMR_2019        | SDWMR_2019            | 2827  | SUMNER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-10              | 2021-08-10               | No         |           |            |            | 21.3                  |                       |               | 3.32                  |                       |                        | 2021-11-29            |                       |               |                       |                       |               |                       |                       |               |
| 5036052                                            | Ops               | Urgent LSLR           | 1353  | SHADY AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-11              | 2021-08-13               | No         | Emergency |            | Yes        | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052627                                            | SDWMR_2019        | SDWMR_2019            | 3107  | COBDEN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-08-11              |                          | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060427                                            | SDWMR_2020A       | SDWMR_2020A           | 407   | CLARENCE ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-08-11              |                          | No         |           |            |            | 2.97                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041073                                            | Ops               |                       | 426   | HASTINGS ST   | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-08-18              |                          | No         | Emergency |            |            | 1.1                   |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052207                                            | SDWMR_2019        | SDWMR_2019            | 2909  | SUMNER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-19              | 2021-08-19               | No         |           |            |            | 4.62                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060426                                            | SDWMR_2020A       | SDWMR_2020A           | 411   | CLARENCE ST   | PEX                      | Lead                      | PEX                      | Copper                    | 2021-08-19              | 2021-08-19               | No         |           |            |            | 1.09                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000582                                            | BRT               | BRT                   | 1806  | FORBES AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-21              | 2021-08-21               | No         |           |            |            | 10.9                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066703                                            | Ops               | Urgent LSLR           | 914   | JAMES ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-23              | 2021-08-28               | No         | Emergency |            | Yes        | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052219                                            | SDWMR_2019        | SDWMR_2019            | 2721  | SUMNER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-25              | 2021-08-25               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052217                                            | SDWMR_2019        | SDWMR_2019            | 2727  | SUMNER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-25              | 2021-08-25               | No         |           |            |            | 1.06                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051737                                            | SDWMR_2019        | SDWMR_2019            | 2616  | SUMNER ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-08-30              | 2021-08-30               | No         |           |            |            | 1.76                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052213                                            | SDWMR_2019        | SDWMR_2019            | 2735  | SUMNER ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-09-02              |                          | No         |           |            |            | 1.21                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012449                                            | Maryland Ave Gl   | Maryland Ave Gl       | 5752  | KENTUCKY AVE  | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-03              | 2021-09-03               | No         |           |            |            | ND                    |                       |               | 1.13                  |                       |                        | 2021-11-22            |                       |               |                       |                       |               |                       |                       |               |
| 5051742                                            | SDWMR_2019        | SDWMR_2019            | 2715  | SUMNER ST     | Lead                     | Copper                    | Copper                   | Copper                    | 2021-09-08              | 2021-09-08               | No         |           |            |            | 7.15                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051741                                            | SDWMR_2019        | SDWMR_2019            | 2713  | SUMNER ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-09-09              |                          | No         |           |            |            | 1.86                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000720                                            | BRT               | BRT                   | 2033  | FORBES AVE    | Lead                     | Lead                      | Copper                   | Not Replaced              | 2021-09-10              |                          | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052103                                            | SDWMR_2019        | SDWMR_2019            | 2703  | BURHAM ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-13              | 2021-09-13               | No         |           |            |            | 21                    |                       |               | 9.31                  |                       |                        | 2022-01-04            |                       |               |                       |                       |               |                       |                       |               |
| 5000771                                            | BRT               | BRT                   | 2024  | FORBES AVE    | Copper                   | Lead                      | PEX                      | Copper                    | 2021-09-14              | 2021-09-14               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051936                                            | SDWMR_2019        | SDWMR_2019            | 2601  | BURHAM ST     | Copper                   | Lead                      | PEX                      | Copper                    | 2021-09-15              | 2021-09-15               | No         |           |            |            | 5.36                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051934                                            | SDWMR_2019        | SDWMR_2019            | 2512  | BURHAM ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-16              | 2021-09-16               | No         |           |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051930                                            | SDWMR_2019        | SDWMR_2019            | 2424  | BURHAM ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-20              | 2021-09-20               | No         |           |            |            | 2.56                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051597                                            | SDWMR_2019        | SDWMR_2019            | 2415  | BURHAM ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-20              | 2021-09-20               | No         |           |            |            | 1.47                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5060709                                            | BRT               | BRT                   | 2018  | 5TH AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-20              | 2021-09-20               | No         |           |            |            | 2.72                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5000710                                            | BRT               | BRT                   | 2020  | 5TH AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2021-09-20              | 2021-09-20               | No         |           |            |            | 3.35                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5053088                                            | Ops               | Private Reimbursement | 15    | S 14TH ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-10-06              | 2021-11-01               | No         | Emergency |            | Yes        | 2.66                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030246                                            | Ops               | Urgent LSLR           | 529   | FINLEY ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-10-18              | 2021-10-25               | No         | Emergency |            | Yes        | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051734                                            | SDWMR_2020B       | SDWMR_2020B           | 2619  | SUMNER ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-10-19              |                          | No         |           |            |            | 1.07                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051744                                            | SDWMR_2020B       | SDWMR_2020B           | 2722  | STROMBERG ST  | Copper                   | Lead                      | PEX                      | Copper                    | 2021-10-20              | 2021-10-20               | No         |           |            |            | 2.21                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5064181                                            | Ops               | Urgent LSLR           | 1437  | W NORTH AVE   | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2021-10-21               | No         |           | Emergency  | Emergency  | 44.8                  |                       |               | ND                    |                       |                        | 2022-03-14            |                       |               |                       |                       |               |                       |                       |               |
| 5030887                                            | Ops               |                       | 6929  | CHURCHLAND ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2021-10-25              |                          | No         | Emergency |            |            | ND                    |                       |               |                       |                       |                        | 2021-11-15            |                       |               |                       |                       |               |                       |                       |               |
| 5036834                                            | Ops               | Urgent LSLR           | 1545  | ASBURY PL     | Lead                     | Lead                      | PEX                      | Copper                    | 2021-10-26              | 2021-11-15               | No         |           |            |            | 2.56                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012082                                            | Ops               | Private Reimbursement | 420   | STRATTON LN   | Lead                     | Lead                      | PEX                      | Copper                    | 2021-10-28              | 2021-10-28               | No         | Emergency |            |            | ND                    |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041021                                            | Ops</             |                       |       |               |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                      |                       |       |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|----------------------|-----------------------|-------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public    | Work Order Private    | House | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5026810                                            | SDWMR_2021_B         | SDWMR_2021_B          | 5625  | HAYS ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-04-27              |                          | No         |           |            |            | ND                    |                       | 2022-04-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016609                                            | SDWMR_2021_B         | SDWMR_2021_B          | 402   | 42ND ST        | Copper                   |                           | PEX                      | Copper                    | 2022-04-27              | 2022-04-27               | No         |           |            |            | 1.36                  |                       | 2022-04-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026817                                            | SDWMR_2021_B         | SDWMR_2021_B          | 5635  | HAYS ST        | Lead                     | Lead                      | Copper                   | Copper                    | 2022-04-28              | 2022-04-28               | No         |           |            |            | ND                    |                       | 2022-04-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5020791                                            | Priority             | Priority              | 5537  | MCCANDLESS AVE | Lead                     | Lead                      | PEX                      | Copper                    | 2022-04-29              | 2022-04-29               | No         |           |            |            | 78.6                  |                       | 2022-05-03    | ND                    |                       | 2022-08-15             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062812                                            | DO4_02               |                       | 521   | HERSCHEL ST    | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-04-29               | No         |           |            |            | ND                    |                       | 2022-05-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062551                                            | DO4_02               |                       | 602   | S MAIN ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-04-29              |                          | No         |           |            |            | ND                    |                       | 2022-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062759                                            | DO4_02               |                       | 611   | S MAIN ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-04-29              | 2022-04-29               | No         |           |            |            | 2.11                  |                       | 2022-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016699                                            | SDWMR_2021_B         | SDWMR_2021_B          | 4211  | DUNKELD WAY    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-05-02              | 2022-05-02               | No         |           |            |            | ND                    |                       | 2022-05-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025892                                            | Priority             | Priority              | 1015  | PORTLAND ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-02              | 2022-05-02               | No         |           |            |            | 3.43                  |                       | 2022-05-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026819                                            | SDWMR_2021_B         | SDWMR_2021_B          | 5639  | HAYS ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-02              | 2022-05-02               | No         |           |            |            | 3.02                  |                       | 2022-05-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010084                                            | Priority             | Priority              | 529   | IVY ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-02              | 2022-05-02               | No         |           |            |            | 7.32                  |                       | 2022-05-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014892                                            | Priority             | Priority              | 421   | S EVALINE ST   | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-05-03               | No         |           |            |            | 14.7                  |                       | 2022-05-06    | ND                    |                       | 2022-08-19             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016708                                            | SDWMR_2021_B         | SDWMR_2021_B          | 4229  | DUNKELD WAY    | Lead                     | Lead Tailpiece            | PEX                      | Copper                    | 2022-05-03              | 2022-05-03               | No         |           |            |            | ND                    |                       | 2022-05-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026870                                            | SDWMR_2021_B         | SDWMR_2021_B          | 5712  | HAYS ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-03              | 2022-05-03               | No         |           |            |            | 1.42                  |                       | 2022-05-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013042                                            | Priority             | Priority              | 626   | EDMOND ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-03              | 2022-05-03               | No         |           |            |            | ND                    |                       | 2022-05-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026924                                            | SDWMR_2021_B         | SDWMR_2021_B          | 5705  | HAYS ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-05-03              |                          | No         |           |            |            | ND                    |                       | 2022-05-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026969                                            | SDWMR_2021_B         | SDWMR_2021_B          | 710   | N EUCLID AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-04              | 2022-05-04               | No         |           |            |            | 1.19                  |                       | 2022-05-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034411                                            | Priority             | Priority              | 4     | OLYMPIA PL     | Lead Tailpiece           | Lead                      | Copper Tailpiece         | Copper                    | 2022-05-04              | 2022-05-04               | No         |           |            |            | 6.42                  |                       | 2022-05-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007650                                            | Ops                  | Urgent LSLR_2         | 4307  | DAKOTA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-05              | 2022-05-11               | No         |           |            | Emergency  | Yes                   | 4.7                   |               | 2022-05-12            |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016258                                            | Priority             | Priority              | 276   | 46TH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-05              | 2022-05-05               | No         |           |            |            | 3.21                  |                       | 2022-05-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016722                                            | SDWMR_2021_B         | SDWMR_2021_B          | 4221  | SHERROD ST     | PEX                      | Lead                      | PEX                      | Copper                    | 2022-05-05              | 2022-05-05               | No         |           |            |            | ND                    |                       | 2022-05-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024632                                            | Priority             | Priority              | 201   | N GRAHAM ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-09              | 2022-05-09               | No         |           |            |            | ND                    |                       | 2022-05-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012728                                            | Priority             | Priority              | 418   | TAYLOR ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-09              | 2022-05-09               | No         |           |            |            | 2.95                  |                       | 2022-05-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5061920                                            | DO4_02               | DO4_02                | 93    | STEBEN ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-10              | 2022-05-10               | No         |           |            |            | 15.6                  |                       | 2022-05-12    | 3.54                  |                       | 2022-08-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042133                                            | Priority             | Priority              | 605   | KIRTLAND ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-10              | 2022-05-10               | No         |           |            |            | 1.08                  |                       | 2022-05-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016135                                            | Priority             | Priority              | 222   | 46TH ST        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-05-11               | No         |           |            |            | ND                    |                       | 2022-05-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016539                                            | Priority             | Priority              | 318   | 42ND ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-12              | 2022-05-12               | No         |           |            |            | 19.5                  |                       | 2022-05-13    | 3.06                  |                       | 2022-08-22             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062304                                            | DO4_02               | DO4_02                | 1012  | HARKER ST      | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-05-12               | No         |           |            |            | ND                    |                       | 2022-05-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040219                                            | McPherson Blvd Relay | McPherson Blvd Relay  | 6702  | MCPHERSON BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-12              | 2022-05-12               | No         |           |            |            | ND                    |                       | 2022-06-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040241                                            | McPherson Blvd Relay | McPherson Blvd Relay  | 6705  | MCPHERSON BLVD | Copper                   | Lead                      | PEX                      | Copper                    | 2022-05-12              | 2022-05-12               | No         |           |            |            | ND                    |                       | 2022-05-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017483                                            | Ops                  | Private Reimbursement | 397   | 40TH ST        | Lead                     | Lead                      | PEX                      | PEX                       | 2022-06-27              | 2022-05-13               | No         | Emergency |            | Yes        | 1.27                  |                       | 2022-08-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017316                                            | SDWMR_2021_B         | SDWMR_2021_B          | 4563  | CARROLL ST     | Copper                   | Lead                      | PEX                      | Copper                    | 2022-05-13              | 2022-05-13               | No         |           |            |            | ND                    |                       | 2022-05-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040240                                            | McPherson Blvd Relay | McPherson Blvd Relay  | 6707  | MCPHERSON BLVD | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-13              | 2022-05-13               | No         |           |            |            | ND                    |                       | 2022-05-13    | ND                    |                       | 2022-05-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016743                                            | SDWMR_2021_B         | SDWMR_2021_B          | 4232  | SHERROD ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-13              | 2022-05-13               | No         |           |            |            | ND                    |                       | 2022-05-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016744                                            | SDWMR_2021_B         | SDWMR_2021_B          | 413   | 42ND ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-16              | 2022-05-16               | No         |           |            |            | 21.6                  |                       | 2022-05-20    | 3.09                  |                       | 2023-03-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026391                                            | SDWMR_2021_B         | SDWMR_2021_B          | 816   | N EUCLID AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-16              | 2022-05-16               | No         |           |            |            | ND                    |                       | 2022-05-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035713                                            | Priority             | Priority              | 718   | S LINDEN AVE   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-05-16              | 2022-05-16               | No         |           |            |            | ND                    |                       | 2022-05-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5015369                                            | Centre Ave Relay     | Centre Ave Relay      | 4917  | CENTRE AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-05-17              |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |                  |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street           | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5026863                                            | SDWMR_2021_B      | SDWMR_2021_B          | 707   | N SAINT CLAIR ST | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-06-14              |                          | No         |           |            |            | 1.23                  |                       | 2022-06-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026277                                            | SDWMR_2021_B      | SDWMR_2021_B          | 725   | N SAINT CLAIR ST | Lead                     | Copper                    | PEX                      | Copper                    | 2022-06-14              | 2022-06-14               | No         |           |            |            | 3.32                  |                       | 2022-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017036                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4213  | POST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-15              | 2022-06-15               | No         |           |            |            | 47.2                  |                       | 2022-06-17    | ND                    |                       | 2022-10-07             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017031                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4203  | POST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-15              | 2022-06-15               | No         |           |            |            | ND                    |                       | 2022-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036515                                            | Priority          | Priority              | 1515  | SHADY AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-15              | 2022-06-15               | No         |           |            |            | ND                    |                       | 2022-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017338                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4552  | CARROLL ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-15              | 2022-06-15               | No         |           |            |            | 5.91                  |                       | 2022-06-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038581                                            | Priority          | Priority              | 5524  | PHILLIPS AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-16              | 2022-06-16               | No         |           |            |            | 2.7                   |                       | 2022-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026864                                            | SDWMR_2021_B      | SDWMR_2021_B          | 709   | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-16              | 2022-06-16               | No         |           |            |            | 1.11                  |                       | 2022-06-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017040                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4221  | POST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-16              | 2022-06-16               | No         |           |            |            | ND                    |                       | 2022-06-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014564                                            | Priority          | Priority              | 4782  | CYPRESS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-16              | 2022-06-16               | No         |           |            |            | 1.8                   |                       | 2022-06-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5063698                                            | D04_02            | D04_02                | 125   | FAIRVIEW AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-06-17              |                          | No         |           |            |            | ND                    |                       | 2022-06-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017039                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4219  | POST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-20              | 2022-06-20               | No         |           |            |            | ND                    |                       | 2022-06-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017695                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4660  | ROSINA WAY       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-06-20              |                          | No         |           |            |            | ND                    |                       | 2022-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062819                                            | D04_02            | D04_02                | 623   | SEDAN WAY        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-20              | 2022-06-20               | No         |           |            |            | 1.42                  |                       | 2022-07-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017690                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4648  | ROSINA WAY 4650  | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-21              | 2022-06-21               | No         |           |            |            | ND                    |                       | 2022-06-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026328                                            | SDWMR_2021_B      | SDWMR_2021_B          | 833   | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-21              | 2022-06-21               | No         |           |            |            | ND                    |                       | 2022-06-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080109                                            | Priority          | Priority              | 3835  | MCFARLAND ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-06-22              | 2022-06-22               | No         |           |            |            | 1.31                  |                       | 2022-07-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017686                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4564  | ROSINA WAY       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-22              | 2022-06-22               | No         |           |            |            | 3.73                  |                       | 2022-06-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5039475                                            | Priority          | Priority              | 6367  | MONITOR ST       | Unknown                  | Lead                      | PEX                      | Copper                    | 2022-06-22              | 2022-06-22               | No         |           |            |            | ND                    |                       | 2022-06-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016771                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4225  | POST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-22              | 2022-06-22               | No         |           |            |            | 4.25                  |                       | 2022-06-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016772                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4227  | POST ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-22              | 2022-06-22               | No         |           |            |            | 6.68                  |                       | 2022-06-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026351                                            | SDWMR_2021_B      | SDWMR_2021_B          | 846   | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-23              | 2022-06-23               | No         |           |            |            | 1.08                  |                       | 2022-06-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5062824                                            | D04_02            | D04_02                | 612   | NOBLESTOWN RD    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-06-23              |                          | No         |           |            |            | ND                    |                       | 2022-06-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080584                                            | Priority_2        | Priority_2            | 3820  | OSWEGO ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-24              | 2022-06-24               | No         |           |            |            | 2.86                  |                       | 2022-06-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017056                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4224  | POST ST          | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-06-27              | 2022-06-27               | No         |           |            |            | 9.46                  |                       | 2022-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026326                                            | SDWMR_2021_B      | SDWMR_2021_B          | 837   | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-27              | 2022-06-27               | No         |           |            |            | 1.83                  |                       | 2022-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017066                                            | SDWMR_2021_B      | SDWMR_2021_B          | 441   | 42ND ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-27              | 2022-06-27               | No         |           |            |            | ND                    |                       | 2022-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002100                                            | Priority          | Priority              | 230   | WICK ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-27              | 2022-06-27               | No         |           |            |            | 2.43                  |                       | 2022-06-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016788                                            | SDWMR_2021_B      | SDWMR_2021_B          | 4419  | GARWOOD WAY      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-06-28              |                          | No         |           |            |            | 1.16                  |                       | 2022-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5064703                                            | Priority          | Priority              | 1333  | COLUMBUS AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-28              | 2022-06-28               | No         |           |            |            | ND                    |                       | 2022-06-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5007587                                            | Ops               | Urgent USLR_2         | 832   | SHAWNEE ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-29              | 2022-07-11               | No         | Emergency |            | Yes        | 9.36                  |                       | 2022-07-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026324                                            | SDWMR_2021_B      | SDWMR_2021_B          | 841   | N SAINT CLAIR ST | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-06-29              | 2022-06-29               | No         |           |            |            | 9.64                  |                       | 2022-07-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002519                                            | Priority          | Priority              | 4360  | CENTRE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-30              | 2022-06-29               | No         |           |            | Yes        | ND                    |                       | 2022-12-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010747                                            | Priority          | Priority              | 4922  | ELLSWORTH AVE    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-06-29              | 2022-06-29               | No         |           |            |            | 42.4                  |                       | 2022-07-20    | 4.24                  |                       | 2022-10-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024704                                            | Ops               | Urgent USLR_2         | 236   | N GRAHAM ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-06-30              | 2022-07-08               | No         |           | Emergency  | Emergency  | 8.8                   |                       | 2022-07-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021239                                            | Ops               | Private Reimbursement | 4211  | STANTON AVE      | Lead                     | Lead                      | PEX                      | PEX                       | 2022-07-07              | 2022-07-05               | No         | Emergency |            | Yes        | 2.25                  |                       | 2022-07-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5041049                                            | Priority_2        | Priority_2            | 527   | GETTYSBURG ST    | Lead                     | Lead                      | PEX                      | Copper                    | 2022-07-06              | 2022-07-06               | No         |           |            |            | 2.1                   |                       | 2022-07-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                      |                      |           |                  |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|----------------------|----------------------|-----------|------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public    | Work Order Private   | House     | Street           | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5042058                                            | Priority_2           | Priority_2           | 6604      | WOODWELL ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-11              | 2022-08-11               | No         |           |            |            | 6.77                  |                       | 2022-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004675                                            | D02_03               | D02_03               | 15        | HODGE ST         | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-08-11               | No         |           |            |            | 15                    |                       | 2022-12-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030244                                            | Priority_2           | Priority_2           | 537       | FINLEY ST        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-08-11               | No         |           |            |            | 1.08                  |                       | 2022-08-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5045408                                            | Priority_2           | Priority_2           | 4134      | STANLEY ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-08-12              |                          | No         |           |            |            | 85.7                  |                       | 2022-08-13    | 2.54                  |                       | 2022-09-16             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004677                                            | D02_03               | D02_03               | 4         | HODGE ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-08-12              |                          | No         |           |            |            | ND                    |                       | 2022-09-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040420                                            | McPherson Blvd Relay | McPherson Blvd Relay | 6830      | MCPHERSON BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-15              | 2022-08-15               | No         |           |            |            | ND                    |                       | 2022-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040947                                            | SDWMR_2021_C         | SDWMR_2021_C         | 7129      | THOMAS BLVD      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-08-15              |                          | No         |           |            |            | 4.06                  |                       | 2022-08-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040487                                            | McPherson Blvd Relay | McPherson Blvd Relay | 6831      | MCPHERSON BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-15              | 2022-08-15               | No         |           |            |            | 6.64                  |                       | 2022-08-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034643                                            | Priority_2           | Priority_2           | 208       | GLADSTONE RD     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-15              | 2022-08-15               | No         |           |            |            | 2.22                  |                       | 2022-08-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040422                                            | McPherson Blvd Relay | McPherson Blvd Relay | 6834      | MCPHERSON BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-16              | 2022-08-16               | No         |           |            |            | 2.86                  |                       | 2022-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040489                                            | McPherson Blvd Relay | McPherson Blvd Relay | 6827      | MCPHERSON BLVD   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-16              | 2022-08-16               | No         |           |            |            | ND                    |                       | 2022-08-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026246                                            | SDWMR_2021_B         | SDWMR_2021_B         | 714       | PORTLAND WAY     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-16              | 2022-08-16               | No         |           |            |            | ND                    |                       | 2022-10-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066723                                            | D03_01               | D03_01               | 915       | MIDDLE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-16              | 2022-08-16               | No         |           |            |            | 28.6                  |                       | 2022-08-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025820                                            | SDWMR_2021_B         | SDWMR_2021_B         | 912       | N SAINT CLAIR ST | Copper                   | Lead                      | PEX                      | Copper                    | 2022-08-16              | 2022-08-16               | No         |           |            |            | 17.9                  |                       | 2023-04-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025827                                            | SDWMR_2021_B         | SDWMR_2021_B         | 930       | N SAINT CLAIR ST | PEX                      | Lead                      | PEX                      | Copper                    | 2022-08-17              | 2022-08-24               | No         |           |            | Yes        | ND                    |                       | 2022-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025808                                            | SDWMR_2021_B         | SDWMR_2021_B         | 927       | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-17              | 2022-08-17               | No         |           |            |            | ND                    |                       | 2022-08-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002514                                            | D01_08               | D01_08               | 4320      | CENTRE AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-08-17              |                          | No         |           |            |            | 1.69                  |                       | 2022-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067457                                            | D03_01               | D03_01               | 607       | FORELAND ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-08-18              | 2022-08-18               | No         |           |            |            | ND                    |                       | 2022-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056138                                            | Priority             | Priority             | 100       | KENOVA ST        | Copper                   | Lead                      | PEX                      | Copper                    | 2022-08-18              | 2022-08-18               | No         |           |            |            | 3.8                   |                       | 2022-08-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012729                                            | Priority_2           | Priority_2           | 416       | TAYLOR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-18              | 2022-08-18               | No         |           |            |            | 7.51                  |                       | 2022-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025816                                            | SDWMR_2021_B         | SDWMR_2021_B         | 903       | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-18              | 2022-08-18               | No         |           |            |            | ND                    |                       | 2022-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043944                                            | Ops                  | Urgent LSLR_2        | 528       | BRIAR CLIFF RD   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-19              | 2022-08-24               | No         | Emergency |            | Yes        | 5.12                  |                       | 2022-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076876                                            | Priority_2           | Priority_2           | 1267      | SUPERIOR AVE     | Copper                   | Lead                      | Not Replaced             | Copper                    | 2022-08-19              | 2022-08-19               | No         |           |            |            | 4.38                  |                       | 2022-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025824                                            | SDWMR_2021_B         | SDWMR_2021_B         | 922       | N SAINT CLAIR ST | Copper                   | Lead                      | PEX                      | Copper                    | 2022-08-19              | 2022-08-19               | No         |           |            |            | ND                    |                       | 2022-08-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5055972                                            | Priority             | Priority             | 109       | KENOVA ST        | Copper                   | Lead                      | Not Replaced             | Copper                    | 2022-08-19              | 2022-08-19               | No         |           |            |            | 1.12                  |                       | 2022-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002516                                            | D01_08               | D01_08               | 4338      | CENTRE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-23              | 2022-08-19               | No         |           |            | Yes        | 2.27                  |                       | 2022-08-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5023114                                            | Priority_2           | Priority_2           | 4411      | STANTON AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-22              | 2022-08-22               | No         |           |            |            | 5.64                  |                       | 2022-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052826                                            | Priority_2           | Priority_2           | 504       | BINGHAM ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-08-22              |                          | No         |           |            |            | 2.78                  |                       | 2022-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043613                                            | Ops                  | Urgent LSLR_2        | 209       | RICHLAND LN      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-23              | 2022-08-24               | No         | Emergency |            | Yes        | 113                   |                       | 2022-10-08    | 16.6                  |                       | 2023-01-09             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078685                                            | Priority_2           | Priority_2           | 1145      | DAVIS AVE        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-23              | 2022-08-23               | No         |           |            |            | 1.26                  |                       | 2022-08-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014108                                            | Priority_2           | Priority_2           | 5000      | FRIENDSHIP AVE   | Copper                   | Lead                      | Not Replaced             | Copper                    | 2022-08-23              | 2022-08-23               | No         |           |            |            | ND                    |                       | 2022-08-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025823                                            | SDWMR_2021_B         | SDWMR_2021_B         | 920       | N SAINT CLAIR ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-23              | 2022-08-23               | No         |           |            |            | ND                    |                       | 2022-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040951                                            | SDWMR_2021_C         | SDWMR_2021_C         | 7113-7115 | THOMAS BLVD      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-24              | 2022-08-24               | No         |           |            |            | 1.81                  |                       | 2022-08-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010104                                            | Priority_2           | Priority_2           | 22        | BROWNELL ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-24              | 2022-08-24               | No         |           |            |            | ND                    |                       | 2022-09-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014656                                            | Priority_2           | Priority_2           | 4812      | CYPRESS ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-25              | 2022-08-25               | No         |           |            |            | 5.64                  |                       | 2022-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040975                                            | SDWMR_2021_C         | SDWMR_2021_C         | 7146      | THOMAS BLVD      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-25              | 2022-08-25               | No         |           |            |            | 1.17                  |                       | 2022-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5040942                                            | SDWMR_2021_C         | SDWMR_2021_C         | 7145      | THOMAS BLVD      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-08-26              | 2022-08-26               | No         |           |            |            | 6.08                  |                       | 2022-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066851                                            | D03_01               | D03_01               | 412       | FORELAND ST      | Lead                     | Lead                      | PEX                      | Copper                    |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5003760                                            | SDWMR_2021_B      | SDWMR_2021_B          | 368   | MCKEE PL          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-09-28              |                          | No         |           |            |            | ND                    |                       | 2022-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028008                                            | Priority_3        | Priority_3            | 1026  | WINTERGTON ST     | Lead                     | PEX                       | Copper                   |                           | 2022-09-29              | 2022-09-29               | No         |           |            |            | ND                    |                       | 2022-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025847                                            | Priority_4        | Priority_4            | 3911  | WELLESLEY AVE     | Lead                     | PEX                       | Copper                   |                           | 2022-09-29              | 2022-09-29               | No         |           |            |            | 2.79                  |                       | 2022-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003777                                            | SDWMR_2021_B      | SDWMR_2021_B          | 371   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-09-29              | 2022-09-29               | No         |           |            |            | ND                    |                       | 2022-09-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056427                                            | Ops               | Private Reimbursement | 436   | WINTON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-09-30              | 2022-09-30               | No         | Emergency |            | Yes        | 18.4                  |                       | 2022-12-09    | 4.43                  |                       | 2023-04-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025667                                            | Priority_3        | Priority_3            | 907   | N NEGLEY AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-09-30              | 2022-09-30               | No         |           |            |            | 1.43                  |                       | 2022-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080862                                            | Priority_4        | Priority_4            | 1402  | ORCHLEE ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-03              | 2022-10-03               | No         |           |            |            | 4.99                  |                       | 2022-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003755                                            | SDWMR_2021_B      | SDWMR_2021_B          | 378   |                   | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-03              | 2022-10-03               | No         |           |            |            | ND                    |                       | 2022-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025914                                            | Priority_3        | Priority_3            | 5806  | HAMPTON ST        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-10-04               |            |           |            | 4.99       |                       | 2022-10-05            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003788                                            | SDWMR_2021_B      | SDWMR_2021_B          | 351   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-04              | 2022-10-04               | No         |           |            |            | 1                     |                       | 2022-10-05    | 2.37                  |                       | 2023-02-02             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003757                                            | SDWMR_2021_B      | SDWMR_2021_B          | 374   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-04              | 2022-10-04               | No         |           |            |            | 20                    |                       | 2022-10-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021081                                            | Priority_4        | Priority_4            | 4700  | STANTON AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-04              | 2022-10-04               | No         |           |            |            | 1.1                   |                       | 2022-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046437                                            | Priority_2        | Priority_2            | 4327  | TASSO ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-05              | 2022-10-05               | No         |           |            |            | ND                    |                       | 2022-10-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026791                                            | D06_09            |                       | 539   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-05              | 2022-10-05               | No         |           |            |            | 1.52                  |                       | 2022-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003790                                            | SDWMR_2021_B      | SDWMR_2021_B          | 351.5 | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-05              | 2022-10-05               | No         |           |            |            | 1.85                  |                       | 2022-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018790                                            | Priority_3        | Priority_3            | 4717  | KINCAID ST        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-05              |                          | No         |           |            |            | 5.97                  |                       | 2022-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016656                                            | Priority_3        | Priority_3            | 333   | 42ND ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-05              | 2022-10-05               | No         |           |            |            | 4.84                  |                       | 2022-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067340                                            | D03_01            | D03_01                | 908   | CHESTNUT ST       | Copper                   | Lead                      | PEX                      | Copper                    | 2022-10-05              |                          | No         |           |            |            | ND                    |                       | 2022-11-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067342                                            | D03_01            | D03_01                | 918   | CHESTNUT ST       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-05              |                          | No         |           |            |            | 21.6                  |                       | 2022-10-20    | 1.79                  |                       | 2023-01-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024719                                            | Priority_3        | Priority_3            | 5456  | KINCAID ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-06              | 2022-10-06               | No         |           |            |            | 1.86                  |                       | 2022-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025192                                            | Priority_3        | Priority_3            | 5544  | BEVERLY PL        | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-06              |                          | No         |           |            |            | ND                    |                       | 2022-12-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016291                                            | Priority_4        | Priority_4            | 4601  | CARLTON ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-06              | 2022-10-06               | No         |           |            |            | ND                    |                       | 2022-10-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003787                                            | SDWMR_2021_B      | SDWMR_2021_B          | 355   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-06              | 2022-10-06               | No         |           |            |            | ND                    |                       | 2022-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003754                                            | SDWMR_2021_B      | SDWMR_2021_B          | 380   | MCKEE PL          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-06              |                          | No         |           |            |            | 2.07                  |                       | 2022-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003752                                            | SDWMR_2021_B      | SDWMR_2021_B          | 382   | MCKEE PL          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-06              |                          | No         |           |            |            | ND                    |                       | 2022-10-07    | ND                    |                       | 2022-10-17             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5021259                                            | Priority_4        | Priority_4            | 4275  | STANTON AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-07              | 2022-10-07               | No         |           |            |            | 1.52                  |                       | 2022-10-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5008834                                            | Priority_4        | Priority_4            | 173   | 36TH ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-10              | 2022-10-10               | No         |           |            |            | 7.31                  |                       | 2022-10-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026826                                            | D06_09            | D06_09                | 610   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-10              | 2022-10-10               | No         |           |            |            | 12.7                  |                       | 2022-10-12    | 1.43                  |                       | 2023-01-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003786                                            | SDWMR_2021_B      | SDWMR_2021_B          | 357   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-10              | 2022-10-10               | No         |           |            |            | 16.7                  |                       | 2022-10-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026793                                            | D06_09            | D06_09                | 601   | MELLON ST         | Copper                   | Lead                      | Not Replaced             | Copper                    | 2022-10-10              | 2022-10-10               | No         |           |            |            | ND                    |                       | 2022-12-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003772                                            | SDWMR_2021_B      | SDWMR_2021_B          | 358   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-10              | 2022-10-10               | No         |           |            |            | ND                    |                       | 2022-10-11    | ND                    |                       | 2022-10-18             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026822                                            | D06_09            | D06_09                | 618   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-11              | 2022-10-11               | No         |           |            |            | ND                    |                       | 2022-10-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026821                                            | D06_09            | D06_09                | 620   | MELLON ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-11              |                          | No         |           |            |            | ND                    |                       | 2022-10-13    | ND                    |                       | 2022-10-18             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014119                                            | Priority_4        | Priority_4            | 5022  | FRIENDSHIP AVE    | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-10-11               | No         |           |            | 1.21       |                       | 2022-10-15            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003797                                            | SDWMR_2021_B      | SDWMR_2021_B          | 327   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-11              | 2022-10-11               | No         |           |            |            | 3.21                  |                       | 2022-10-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028304                                            | Ops               | Urgent USLR 2         | 6360  | JACKSON ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-12              | 2022-10-26               | No         | Emergency |            | Yes        | ND                    |                       | 2022-11-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026796                                            | D06_09            | D06_09                | 607   | MELLON ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-10-12              | 2022-10-12               | No         |           |            |            | ND                    |                       | 2022-11-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026802                                            | D06_09            | D06_09                | 619   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-12              | 2022-10-12               | No         |           |            |            | 2.21                  |                       | 2022-10-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026795                                            | D06_09            | D06_09                | 605   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-12              | 2022-10-12               | No         |           |            |            | 7.63                  |                       | 2022-11-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5012913                                            | Priority_3        | Priority_3            | 423   | PEARL ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-12              | 2022-10-12               | No         |           |            |            | 2.26                  |                       | 2022-10-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018858                                            | Priority_3        | Priority_3            | 417   | N MILLWALE AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-12              | 2022-10-12               | No         |           |            |            | ND                    |                       | 2022-10-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003770                                            | SDWMR_2021_B      | SDWMR_2021_B          | 324   | MCKEE PL          | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-12              | 2022-10-12               | No         |           |            |            | ND                    |                       | 2022-10-13    | 3.44                  |                       | 2022-10-19             | ND                    |                       | 2022-10-13    | 3.44                  |                       | 2022-10-13    | ND                    | 2022-10-14            |               |
| 5013108                                            | Priority_4        | Priority_4            | 442   | CEDARVILLE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-13              | 2022-10-13               | No         |           |            |            | ND                    |                       | 2022-12-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017442                                            | Priority_4        | Priority_4            | 4033  | CABINET ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-13              | 2022-10-13               | No         |           |            |            | 20.5                  |                       | 2022-10-16    | ND                    |                       | 2023-01-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5042117                                            | Priority_3        | Priority_3            | 7422  | BEN HUR ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-14              | 2022-10-14               | No         |           |            |            | 2.76                  |                       | 2022-10-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026829                                            | D06_09            | D06_09                | 604   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-17              | 2022-10-17               | No         |           |            |            | ND                    |                       | 2022-10-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5048612                                            | Priority_4        | Priority_4            | 245   | TROWBRIDGE ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-17              | 2022-10-17               | No         |           |            |            | ND                    |                       | 2022-10-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026790                                            | D06_09            | D06_09                | 537   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-17              | 2022-10-17               | No         |           |            |            | 2.35                  |                       | 2022-10-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5015163                                            | Priority_3        | Priority_3            | 737   | BROUGHTON ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-17              | 2022-10-17               | No         |           |            |            | 4.17                  |                       | 2022-10-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5016456                                            | Priority_4        | Priority_4            | 263   | FISK ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-18              | 2022-10-18               | No         |           |            |            | 1.04                  |                       | 2022-10-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026837                                            | D06_09            | D06_09                | 518   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-18              | 2022-10-18               | No         |           |            |            | ND                    |                       | 2022-10-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026792                                            | D06_09            | D06_09                | 541   | MELLON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-18              | 2022-10-18               | No         |           |            |            | 1.34                  |                       | 2022-11-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036253                                            | Priority_2        | Priority_2            | 1402  | WIGHTMAN ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-18              | 2022-10-18               | No         |           |            |            | 5.02                  |                       | 2022-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010070                                            | Priority_3        | Priority_3            | 5443  | POTTER ST         | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-10-19               | No         |           |            | ND         |                       | 2022-10-20            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5011110                                            | Priority_3        | Priority_3            | 212   | EMERSON ST        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-10-19               | No         |           |            | ND         |                       | 2022-10-20            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036326                                            | Priority_4        | Priority_4            | 5648  | WOODMONT ST       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-19              |                          | No         |           |            | 3.65       |                       | 2022-10-21            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026800                                            | D06_09            | D06_09                | 615   | MELLON ST         | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2022-10-19               | No         |           |            | 4.92       |                       | 2022-10-20            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034554                                            | Priority_4        | Priority_4            | 5240  | BEELER ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-20              |                          | No         |           |            |            | ND                    |                       | 2022-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034553                                            | Priority_4        | Priority_4            | 5244  | BEELER ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-20              | 2022-10-20               | No         |           |            |            | 2.63                  |                       | 2022-10-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5038683                                            | Priority_4        | Priority_4            | 5647  | MELVIN ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-20              | 2022-10-20               | No         |           |            |            | ND                    |                       | 2022-11-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036463                                            | Priority_3        | Priority_3            | 5849  | NORTHUMBERLAND ST | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-20              | 2022-10-20               | No         |           |            |            | 4.7                   |                       | 2022-10-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026799                                            | D06_09            | D06_09                | 613   | MELLON ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2022-10-21              | 2022-10-21               | No         |           |            |            | 2.23                  |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

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| Construction Samples Report as of January 31, 2025 |                   |                    |         |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|--------------------|---------|----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private | House   | Street         | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Refcrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5013733                                            | D05_07            | D05_07             | 233     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-24               | No         |           |            |            | ND                    |                       | 2023-01-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013731                                            | D05_07            | D05_07             | 229     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-24               | No         |           |            |            | ND                    |                       | 2023-01-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014185                                            | D05_07            | D05_07             | 358     | W PENN PL      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-25              | 2023-01-25               | No         |           |            |            | 1.59                  |                       | 2023-01-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013744                                            | D05_07            | D05_07             | 230     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-25               | No         |           |            |            | ND                    |                       | 2023-01-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013741                                            | D05_07            | D05_07             | 236     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-25               | No         |           |            |            | 3.63                  |                       | 2023-01-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014199                                            | D05_07            | D05_07             | 349-351 | W PENN PL      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-26              | 2023-01-26               | No         |           |            |            | 11                    |                       | 2023-02-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014190                                            | D05_07            | D05_07             | 374     | W PENN PL      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-26              | 2023-01-26               | No         |           |            |            | 3.68                  |                       | 2023-02-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013749                                            | D05_07            | D05_07             | 218     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-26               | No         |           |            |            | ND                    |                       | 2023-01-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013755                                            | D05_07            | D05_07             | 206     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-26               | No         |           |            |            | 1.41                  |                       | 2023-01-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014302                                            | D05_07            | D05_07             | 243     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-26               | No         |           |            |            | 10.6                  |                       | 2023-01-30    | ND                    |                       | 2023-06-15             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014926                                            | D05_07            | D05_07             | 409     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-27               | No         |           |            |            | ND                    |                       | 2023-01-28    | 4.63                  |                       | 2023-02-02             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014915                                            | D05_07            | D05_07             | 408     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-27               | No         |           |            |            | 5.11                  |                       | 2023-01-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014191                                            | D05_07            | D05_07             | 376     | W PENN PL      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-27              | 2023-01-27               | No         |           |            |            | 1.15                  |                       | 2023-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014295                                            | D05_07            | D05_07             | 307     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-27               | No         |           |            |            | ND                    |                       | 2023-01-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014184                                            | D05_07            | D05_07             | 356     | W PENN PL      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-27              | 2023-01-27               | No         |           |            |            | ND                    |                       | 2023-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013740                                            | D05_07            | D05_07             | 238     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-27               | No         |           |            |            | 3.37                  |                       | 2023-01-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014299                                            | D05_07            | D05_07             | 249     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-27               | No         |           |            |            | ND                    |                       | 2023-01-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014940                                            | D05_07            | D05_07             | 5215    | CELIA PL       | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-30              | 2023-01-30               | No         |           |            |            | 5.24                  |                       | 2023-01-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014207                                            | D05_07            | D05_07             | 321     | W PENN PL      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-30              | 2023-01-30               | No         |           |            |            | ND                    |                       | 2023-01-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013739                                            | D05_07            | D05_07             | 240     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-30               | No         |           |            |            | 7.18                  |                       | 2023-01-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014270                                            | D05_07            | D05_07             | 332     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-30               | No         |           |            |            | 2.13                  |                       | 2023-02-01    | 2.28                  |                       | 2023-02-13             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014947                                            | D05_07            | D05_07             | 5200    | CELIA PL       | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-30               | No         |           |            |            | ND                    |                       | 2023-02-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014941                                            | D05_07            | D05_07             | 5217    | CELIA PL       | Lead                     | Lead                      | PEX                      | Copper                    | 2023-01-31              | 2023-01-31               | No         |           |            |            | ND                    |                       | 2023-03-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014172                                            | D05_07            | D05_07             | 320     | W PENN PL      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-01-31              |                          | No         |           |            |            | 1.97                  |                       | 2023-02-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014283                                            | D05_07            | D05_07             | 349     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-01-31               | No         |           |            |            | 5.57                  |                       | 2023-02-01    | ND                    |                       | 2023-02-13             | ND                    |                       | 2023-02-04    |                       |                       |               |                       |                       |               |
| 5004143                                            | SDWMR_2021_B      | SDWMR_2021_B       | 300     | OPHELIA ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2023-02-01              | 2023-02-01               | No         |           |            |            | ND                    |                       | 2023-02-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013715                                            | D05_07            | D05_07             | 216     | S ATLANTIC AVE | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-01               | No         |           |            |            | 2.04                  |                       | 2023-02-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014936                                            | D05_07            | D05_07             | 439     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-01               | No         |           |            |            | 1.66                  |                       | 2023-02-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014912                                            | D05_07            | D05_07             | 440     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-02               | No         |           |            |            | 1.69                  |                       | 2023-02-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014904                                            | D05_07            | D05_07             | 438     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-02               | No         |           |            |            | ND                    |                       | 2023-02-03    | 10.8                  |                       | 2023-02-21             | ND                    |                       | 2023-02-03    |                       |                       |               |                       |                       |               |
| 5065446                                            | Urgent LSLR_2     | Urgent LSLR_2      | 913     | BEECH AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-02-02              | 2023-02-02               | No         |           |            |            | ND                    |                       | 2023-02-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013709                                            | D05_07            | D05_07             | 230     | S ATLANTIC AVE | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-03               | No         |           |            |            | 1                     |                       | 2023-02-04    | 1.54                  |                       | 2023-02-13             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5013719                                            | D05_07            | D05_07             | 200     | S ATLANTIC AVE | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-03               | No         |           |            |            | ND                    |                       | 2023-02-04    | 1.37                  |                       | 2023-02-21             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014271                                            | D05_07            | D05_07             | 338     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-03               | No         |           |            |            | 32.8                  |                       | 2023-02-06    | ND                    |                       | 2023-06-27             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014937                                            | D05_07            | D05_07             | 443     | S PACIFIC AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-03               | No         |           |            |            | 2.03                  |                       | 2023-02-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014983                                            | D05_07            | D05_07             | 461     | S ATLANTIC AVE | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-03               | No         |           |            |            | 3.55                  |                       | 2023-02-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014161                                            | D05_07            | D05_07             | 5128    | FRIENDSHIP AVE | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-06               | No         |           |            |            | 6.72                  |                       | 2023-02-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014251                                            | D05_07            | D05_07             | 5140    | FRIENDSHIP AVE | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-06               | No         |           |            |            | 6.33                  |                       | 2023-02-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014162                                            | D05               |                    |         |                |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |                  |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street           | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5035786                                            | D07_08            | D07_08                | 5462  | FAIR OAKS ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-04-05              | 2023-04-05               | No         |           |            |            |                       |                       | 2023-04-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034877                                            | D07_08            | D07_08                | 5340  | FORBES AVE       | Lead                     |                           | PEX                      | Not Replaced              | 2023-04-05              |                          | No         |           |            |            | 4.03                  |                       | 2023-05-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046935                                            | SDWMR_2021_C      | SDWMR_2021_C          | 650   | HAZELWOOD AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-05              | 2023-04-05               | No         |           |            |            | ND                    |                       | 2023-04-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122596                                            | Ops               | Private Reimbursement | 1049  | EVERGREEN AVENUE | Lead                     | Lead                      | PEX                      | PEX                       | 2023-05-02              | 2023-04-06               | No         | Emergency |            | Yes        | ND                    |                       | 2023-07-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5053997                                            | D16_03            | D16_03                | 1814  | SIDNEY ST        | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-04-07              | 2023-04-07               | No         |           |            |            | ND                    |                       | 2023-04-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034474                                            | D07_08            | D07_08                | 1090  | DEVON RD         | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-10              | 2023-04-10               | No         |           |            |            | ND                    |                       | 2023-04-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122320                                            | Urgent LSLR_2     | Urgent LSLR_2         | 227   | NORTH AVENUE     | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-10              | 2023-04-10               | No         |           |            |            | ND                    |                       | 2023-04-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035859                                            | SDWMR_2021_C      | SDWMR_2021_C          | 1243  | BELLEROCK ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-11              | 2023-04-11               | No         |           |            |            | 2.93                  |                       | 2023-04-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034476                                            | D07_08            | D07_08                | 1085  | DEVON RD         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-04-12              |                          | No         |           |            |            | ND                    |                       | 2023-07-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035771                                            | D07_08            | D07_08                | 1233  | INVERNESS AVE    | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-04-12              | 2023-04-12               | No         |           |            |            | ND                    |                       | 2023-04-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5053979                                            | D16_03            | D16_03                | 75    | S 19TH ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-17              | 2023-04-17               | No         |           |            |            | ND                    |                       | 2023-04-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036251                                            | D07_08            | D07_08                | 1340  | WIGHTMAN ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-17              | 2023-04-17               | No         |           |            |            | ND                    |                       | 2023-04-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035770                                            | D07_08            | D07_08                | 1225  | INVERNESS AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-18              | 2023-04-19               | No         |           |            | Yes        | ND                    |                       | 2023-04-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077577                                            | Ops               | Urgent LSLR_2         | 3719  | HIAWATHA ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-19              | 2023-04-28               | No         | Emergency |            | Yes        | ND                    |                       | 2023-06-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036209                                            | SDWMR_2021_C      | SDWMR_2021_C          | 5521  | WOODMONT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-19              | 2023-04-19               | No         |           |            |            | ND                    |                       | 2023-04-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024780                                            | Ops               | Urgent LSLR_2         | 1349  | CORDOVA RD       | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-20              | 2023-04-25               | No         | Emergency |            | Yes        | ND                    |                       | 2023-05-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034787                                            | D07_08            | D07_08                | 5422  | NORMLEE PL       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-04-20              |                          | No         |           |            |            | ND                    |                       | 2023-05-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014956                                            | D05_07            | D05_07                | 428   | S ATLANTIC AVE   | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-04-20               | No         |           |            |            | 1.27                  |                       | 2023-04-21    | ND                    |                       | 2023-05-01             | ND                    |                       | 2023-04-22    |                       |                       |               |                       |                       |               |
| 5009865                                            | Ops               | Urgent LSLR_2         | 511   | S GRAHAM ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-21              | 2023-04-27               | No         | Emergency |            | Yes        | 2.77                  |                       | 2023-04-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037444                                            | Urgent LSLR_2     | Urgent LSLR_2         | 6328  | BARTLETT ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-24              | 2023-04-24               | No         |           |            |            | ND                    |                       | 2023-04-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034799                                            | D07_08            | D07_08                | 5250  | FORBES AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-25              | 2023-04-25               | No         |           |            |            | ND                    |                       | 2023-04-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035814                                            | SDWMR_2021_C      | SDWMR_2021_C          | 1234  | BELLEROCK ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-27              | 2023-04-27               | No         |           |            |            | 3.95                  |                       | 2024-02-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036661                                            | D07_08            | D07_08                | 5531  | FORBES AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-28              | 2023-04-28               | No         |           |            |            | 1.01                  |                       | 2023-04-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122917                                            | Ops               | Urgent LSLR_2         | 410   | COLTON ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2023-04-30              | 2023-05-15               | No         | Emergency |            | Yes        | ND                    |                       | 2023-09-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036736                                            | D07_08            | D07_08                | 1626  | WIGHTMAN ST      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-05-01              | 2023-05-01               | No         |           |            |            | 3.09                  |                       | 2023-06-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034655                                            | D07_08            | D07_08                | 239   | GLADSTONE RD     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-05-02              | 2023-05-02               | No         |           |            |            | ND                    |                       | 2023-06-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035822                                            | SDWMR_2021_C      | SDWMR_2021_C          | 5530  | WILKINS AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-05-02              | 2023-05-02               | No         |           |            |            | 3.53                  |                       | 2023-06-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036313                                            | D07_08            | D07_08                | 1443  | WIGHTMAN ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-05-03              | 2023-05-03               | No         |           |            |            | ND                    |                       | 2023-10-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035818                                            | SDWMR_2021_C      | SDWMR_2021_C          | 1222  | BELLEROCK ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-05-04              |                          | No         |           |            |            | ND                    |                       | 2023-05-05    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034874                                            | D07_08            | D07_08                | 5324  | FORBES AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2023-05-04              | 2023-05-05               | No         |           |            | Yes        | 4.98                  |                       | 2023-05-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046923                                            | SDWMR_2021_C      | SDWMR_2021_C          | 641   | HAZELWOOD AVE    | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-05-08              |                          | No         |           |            |            | 5.94                  |                       | 2023-05-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034496                                            | D07_08            | D07_08                | 5119  | PENTON RD        | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-05-09               | No         |           |            |            | ND                    |                       | 2023-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034774                                            | D07_08            | D07_08                | 5251  | FORBES AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-05-11              |                          | No         |           |            |            | ND                    |                       | 2023-05-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034778                                            | D07_08            | D07_08                | 5255  | FORBES AVE       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-05-11              | 2023-05-11               | No         |           |            |            | 5.67                  |                       | 2023-05-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5034776                                            | D07_08            | D07_08                | 5253  | FORBES AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-05-12              |                          | No         |           |            |            | 2.75                  |                       | 2023-05-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010783                                            | SDWMR_2021_C      | SDWMR_2021_C          | 5025  | CASTLEMAN ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-05-16              |                          | No         |           |            |            | ND                    |                       | 2023-05-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077940                                            | D08_01            | D08_01                | 3580  | BRIGHTON RD      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-05-16              |                          | No         |           |            |            | ND                    |                       | 2023-07-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077943                                            | D08_01            | D08_01                | 3596  | BRIGHTON RD      | Lead                     | Lead                      | PEX                      |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |                     |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|---------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street              | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5044744                                            | Ops               |                       | 408   | SALINE ST           | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-10-26              |                          | No         |           | Emergency  |            | No                    | 1.89                  | ND            | 2024-04-29            |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5081768                                            | D10_01            | D10_01                | 1919  | MOUNT TROY RD       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-10-27              |                          | No         |           |            |            | ND                    | ND                    | 2024-03-04    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030993                                            | E02_09            | E02_09                | 7147  | VERONA BLVD         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-10-30              | 2023-10-30               | No         |           |            |            | ND                    | ND                    | 2024-05-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068600                                            | D10_01            | D10_01                | 1741  | COWLEY ST           | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-10-31              |                          | No         |           |            |            | ND                    | ND                    | 2024-02-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030988                                            | E02_09            | E02_09                | 7161  | VERONA BLVD         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-10-31              | 2023-10-31               | No         |           |            |            | 5.01                  | ND                    | 2024-02-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031188                                            | E02_09            | E02_09                | 1645  | WESTMORELAND ST     | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-11-08              | 2023-11-08               | No         |           |            |            | 3.22                  | ND                    | 2024-09-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031296                                            | E02_09            | E02_09                | 1654  | WESTMORELAND ST     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-11-08              |                          | No         |           |            |            | ND                    | ND                    | 2024-04-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068965                                            | D10_01            | D10_01                | 1601  | HATTERAS ST         | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-11-09              |                          | No         |           |            |            | ND                    | ND                    | 2024-06-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122627                                            | Ops               | Urgent LSLR_3         | 1224  | EVERGREEN AVENUE    | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-10              | 2023-11-20               | No         | Emergency |            | Yes        | 1.92                  | ND                    | 2024-03-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122626                                            | Ops               | Urgent LSLR_3         | 1222  | EVERGREEN AVENUE    | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-10              | 2023-11-20               | No         | Emergency |            | Yes        | ND                    | ND                    | 2024-03-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068389                                            | D10_01            | D10_01                | 1340  | GOETTMAN ST         | Copper                   | Lead                      | Not Replaced             | Copper                    |                         |                          | No         |           |            |            | ND                    | ND                    | 2024-03-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5081765                                            | D10_01            | D10_01                | 1911  | MOUNT TROY ROAD EXT | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-13              | 2023-11-13               | No         |           |            |            | 3.81                  | ND                    | 2024-03-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5078397                                            | SDWMR_2022_C      | SDWMR_2022_C          | 1450  | REUBEN ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-15              | 2023-11-13               | No         |           |            |            | 5                     | 1.81                  | 2024-04-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031537                                            | E02_09            | E02_09                | 1612  | WESTMORELAND AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-13              | 2023-11-13               | No         |           |            |            | 1.55                  | ND                    | 2024-04-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031545                                            | E02_09            | E02_09                | 1534  | WESTMORELAND ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-14              | 2023-11-14               | No         |           |            |            | 1.15                  | ND                    | 2024-03-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5077985                                            | Urgent LSLR_3     | Urgent LSLR_3         | 3450  | CALIFORNIA AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-14              | 2023-11-15               | No         |           |            | Yes        | 6.5                   | 1.15                  | 2024-04-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5051119                                            | Ops               | Urgent LSLR_3         | 2523  | SARAH ST            | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-15              | 2023-12-06               | No         | Emergency |            | Yes        | ND                    | ND                    | 2023-12-08    | ND                    | ND                    | 2024-03-29             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031516                                            | E02_09            | E02_09                | 1511  | WESTMORELAND ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-17              | 2023-12-19               | No         |           |            |            | ND                    | ND                    | 2024-03-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069236                                            | D10_01            | D10_01                | 2016  | LEY ST              | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-20              | 2023-11-20               | No         |           |            |            | 1.13                  | ND                    | 2024-03-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068974                                            | D10_01            | D10_01                | 1509  | CLAIM ST            | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-11-22              |                          | No         |           |            |            | ND                    | ND                    | 2024-03-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5035942                                            | Urgent LSLR_3     | Urgent LSLR_3         | 5621  | WILKINS AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-28              | 2023-11-29               | No         |           |            | Yes        | 5                     | ND                    | 2024-04-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031574                                            | E02_09            | E02_09                | 1607  | WORTHINGTON ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2023-11-30              | 2023-11-30               | No         |           |            |            | 2.19                  | ND                    | 2024-03-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068584                                            | D10_01            | D10_01                | 1744  | COWLEY ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-06              | 2023-12-06               | No         |           |            |            | 5.06                  | ND                    | 2024-08-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5031869                                            | E02_09            | E02_09                | 1533  | OAKDENE ST          | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-12-07              |                          | No         |           |            |            | ND                    | ND                    | 2024-04-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5018437                                            | Ops               |                       | 131   | 45TH ST             | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-12-08              |                          | No         | Emergency |            | No         | ND                    | ND                    | 2024-04-19    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5066808                                            | SDWMR_2022_C      | SDWMR_2022_C          | 522   | E OHIO ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-11              | 2023-12-11               | No         |           |            |            | ND                    | ND                    | 2024-05-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068959                                            | D10_01            | D10_01                | 1604  | LOWRIE ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-13              | 2023-12-13               | No         |           |            |            | ND                    | ND                    | 2024-04-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017160                                            | Urgent LSLR_3     | Urgent LSLR_3         | 4114  | PENN AVE            | Lead                     | Copper                    | PEX                      | Not Replaced              | 2023-12-15              |                          | No         |           |            |            | ND                    | ND                    | 2024-04-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5071735                                            | E03_06            | E03_06                | 2449  | SNYDER ST           | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-12-19               | No         |           |            |            | 1.17                  | ND                    | 2024-04-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056425                                            | Ops               | Private Reimbursement | 430   | WINTON ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-28              | 2023-12-20               | No         | Emergency |            | Yes        | ND                    | 1.87                  | 2024-05-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069494                                            | D10_01            | D10_01                | 1906  | LOWRIE ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-26              | 2023-12-26               | No         |           |            |            | 1.35                  | ND                    | 2024-07-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068032                                            | D10_01            | D10_01                | 1545  | LOWRIE ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-28              | 2023-12-28               | No         |           |            |            | ND                    | ND                    | 2024-04-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069306                                            | D10_01            | D10_01                | 2029  | LOWRIE ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2023-12-29              | 2023-12-29               | No         |           |            |            | 4.2                   | ND                    | 2024-04-13    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5122101                                            | SDWMR_2022_B      | SDWMR_2022_B          | 122   | BECKERT STREET      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2024-01-02              | 2024-01-02               | No         |           |            |            | ND                    | ND                    | 2024-06-14    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069520                                            | D10_01            | D10_01                | 1911  | LOWRIE ST           | Lead                     | Lead                      | PEX                      | Copper                    | 2024-01-02              | 2024-01-02               | No         |           |            |            | 2.88                  | ND                    | 2024-06-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5054731                                            | Curb Box 3        | Urgent LSLR_3         | 187   | S 16TH ST           | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2024-01-02               | No         |           |            |            | 1.64                  | 1.12                  | 2024-07-11    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5069578                                            | D10_01            | D10_01                | 1621  | LOWRIE ST           | Copper                   | Copper                    | PEX                      | Not Replaced              | 2024-01-03              |                          | No         |           |            |            | ND                    | ND                    | 2024-05-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068050                                            | D10_01            | D10_01                | 1519  | LOWRIE ST           | Lead                     |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                       |                       |         |                   |                          |                           |                          |                           |                         |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-----------------------|-----------------------|---------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public     | Work Order Private    | House   | Street            | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb2_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |
| 5063206                                            | SDWMR_2022_B          | SDWMR_2022_B          | 1033    | VALONIA ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-01              | 2024-05-01               | No         |           |            |            | 1.47                  | ND                    | 2024-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043849                                            | SDWMR_2022_B          | SDWMR_2022_B          | 7708    | ABBOTT ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-01              | 2024-05-01               | No         |           |            |            | ND                    | ND                    | 2024-12-08    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043844                                            | SDWMR_2022_B          | SDWMR_2022_B          | 509     | E END AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-01              | 2024-05-01               | No         |           |            |            | 2.54                  | ND                    | 2024-09-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030118                                            | E08_09                | E08_09                | 550     | ELMER WILLIAMS SQ | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-01              | 2024-05-01               | No         |           |            |            | ND                    | ND                    | 2024-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043845                                            | SDWMR_2022_B          | SDWMR_2022_B          | 511     | E END AVE         | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-02              | 2024-05-02               | No         |           |            |            | 2.96                  | 1.04                  | 2024-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5063382                                            | SDWMR_2022_B          | SDWMR_2022_B          | 1019    | ELKTON ST         | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2024-05-03              | 2024-05-03               | No         |           |            |            | 2.31                  | 1.25                  | 2024-09-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5063181                                            | SDWMR_2022_B          | SDWMR_2022_B          | 1033    | ELKTON ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-03              | 2024-05-03               | No         |           |            |            | ND                    | ND                    | 2024-10-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5004543                                            | Ops                   | Urgent LSLR_3         | 3315    | JULIET ST         | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-06              | 2024-05-23               | No         | Emergency |            | Yes        | 1.83                  | ND                    | 2024-09-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044167                                            | SDWMR_2022_B          | SDWMR_2022_B          | 564     | PEEBLES ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-06              | 2024-05-06               | No         |           |            |            | ND                    | ND                    | 2024-10-09    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5002529                                            | Urgent LSLR_3         | Urgent LSLR_3         | 4243    | PARKMAN AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-06              | 2024-05-06               | No         |           |            |            | 1.36                  | 2.19                  | 2024-09-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5079297                                            | E05_06                | E05_06                | 1018    | ROTHMELTZ ST      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2024-05-07              |                          | No         |           |            |            | 1.84                  | 1.22                  | 2024-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044047                                            | SDWMR_2022_B          | SDWMR_2022_B          | 542     | PEEBLES ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-08              | 2024-05-08               | No         |           |            |            | ND                    | ND                    | 2024-11-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044020                                            | SDWMR_2022_B          | SDWMR_2022_B          | 500     | PEEBLES ST        | Copper                   | Lead                      | PEX                      | Copper                    | 2024-05-09              | 2024-05-09               | No         |           |            |            | ND                    | ND                    | 2024-10-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5063214                                            | SDWMR_2022_B          | SDWMR_2022_B          | 1015    | VALONIA ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-10              | 2024-05-10               | No         |           |            |            | ND                    | ND                    | 2024-09-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044011                                            | SDWMR_2022_B          | SDWMR_2022_B          | 7725    | EDGERTON AVE      | Lead                     | Copper                    | PEX                      | Not Replaced              | 2024-05-13              |                          | No         |           |            |            | 3.4                   | 1.31                  | 2024-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032191                                            | E07_09                | E07_09                | 1118    | N MURLAND ST      | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2024-05-13               | No         |           |            |            | ND                    | ND                    | 2024-10-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032904                                            | E07_09                | E07_09                | 7208    | MOUNT VERNON ST   | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-14              | 2024-05-14               | No         |           |            |            | ND                    | ND                    | 2024-11-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044166                                            | SDWMR_2022_B          | SDWMR_2022_B          | 560     | PEEBLES ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-15              | 2024-05-15               | No         |           |            |            | ND                    | ND                    | 2024-10-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030189                                            | E08_09                | E08_09                | 510     | LOWELL ST         | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-16              | 2024-05-16               | No         |           |            |            | ND                    | ND                    | 2024-09-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029801                                            | E08_09                | E08_09                | 333-335 | LADSON ST         | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-20              | 2024-05-20               | No         |           |            |            | ND                    | ND                    | 2024-09-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025356                                            | Ionic Way Abandonment | Ionic Way Abandonment | 5714    | ELGIN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-21              | 2024-05-21               | No         |           |            |            | ND                    | ND                    | 2024-10-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5025357                                            | Ionic Way Abandonment | Ionic Way Abandonment | 5710    | ELGIN ST          | Lead                     | Lead                      | PEX                      | Copper                    | 2024-05-21              | 2024-05-21               | No         |           |            |            | 1.36                  | ND                    | 2024-10-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029646                                            | E08_09                | E08_09                | 6410    | WINSLOW ST        | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-23              | 2024-05-23               | No         |           |            |            | 5.35                  | 1.77                  | 2024-09-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029138                                            | E08_09                | E08_09                | 122     | SHETLAND AVE      | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-28              | 2024-05-28               | No         |           |            |            | 3.79                  | 3.11                  | 2024-09-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029796                                            | E08_09                | E08_09                | 6510    | LADSON ST         | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-29              | 2024-05-29               | No         |           |            |            | 1.64                  | ND                    | 2024-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5017854                                            | Ops                   |                       | 4628    | PENN AVE          | Lead                     | Copper                    | Copper                   | Not Replaced              | 2024-05-30              |                          | No         | Emergency |            | No         | ND                    | ND                    | 2024-09-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5028678                                            | E08_09                | E08_09                | 639     | LENORA ST         | Lead                     | Lead                      | Copper                   | Copper                    | 2024-05-31              | 2024-05-31               | No         |           |            |            | ND                    | ND                    | 2024-09-20    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067651                                            | SDWMR_2022_C          | SDWMR_2022_C          | 909     | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-04              | 2024-06-04               | No         |           |            |            | ND                    | ND                    | 2024-10-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029778                                            | E08_09                | E08_09                | 6511    | SHETLAND AVE      | Lead                     | Lead Tailpiece            | Copper                   | Copper Tailpiece          | 2024-06-05              | 2024-06-05               | No         |           |            |            | 2.6                   | ND                    | 2024-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067649                                            | SDWMR_2022_C          | SDWMR_2022_C          | 915     | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-05              | 2024-06-05               | No         |           |            |            | ND                    | ND                    | 2024-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057237                                            | E06_03                | E06_03                | 823     | FREELAND ST       | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2024-06-07               | No         |           |            |            | 9.53                  | ND                    | 2024-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067637                                            | SDWMR_2022_C          | SDWMR_2022_C          | 953     | HASLAGE AVE       | Lead                     | Copper                    | PEX                      | Not Replaced              | 2024-06-10              |                          | No         |           |            |            | ND                    | ND                    | 2024-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067683                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1007    | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-11              | 2024-06-11               | No         |           |            |            | ND                    | ND                    | 2024-10-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067684                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1009    | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-11              | 2024-06-11               | No         |           |            |            | 2.42                  | ND                    | 2024-11-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067680                                            | SDWMR_2022_C          | SDWMR_2022_C          | 999     | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-12              | 2024-06-12               | No         |           |            |            | ND                    | ND                    | 2024-11-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067666                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1106    | HASLAGE AVE       | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2024-06-17              | 2024-06-17               | No         |           |            |            | ND                    | ND                    | 2024-10-28    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5076295                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1437    | WOODLAND AVE      | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2024-06-18              | 2024-06-18               | No         |           |            |            | 1.09                  | ND                    | 2024-10-23    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057208                                            | E06_03                | E06_03                | 842     | CLIMAX ST         | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2024-06-18               | No         |           |            |            | 1.28                  | ND                    | 2024-10-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029597                                            | E08_09                | E08_09                | 129     | STOEBNER WAY      | Lead                     | Lead                      | Copper                   | Copper                    | 2024-06-18              | 2024-06-18               | No         |           |            |            | ND                    | ND                    | 2024-10-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067690                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1115    | HASLAGE AVE       | Copper                   | Lead                      | PEX                      | Copper                    | 2024-06-18              | 2024-07-26               | No         |           |            | Yes        | ND                    | ND                    | 2024-12-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057213                                            | E06_03                | E06_03                | 836     | CLIMAX ST         | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2024-06-20               | No         |           |            |            | ND                    | ND                    | 2024-11-01    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029781                                            | E08_09                | E08_09                | 619     | TURRETT ST        | Lead                     | Lead                      | Copper                   | Copper                    | 2024-06-20              | 2024-06-20               | No         |           |            |            | 5.7                   | ND                    | 2024-10-29    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037365                                            | Ops                   | Private Reimbursement | 5891    | DARLINGTON RD     | Lead                     | Lead                      | PEX                      | PEX                       | 2024-06-21              | 2024-06-21               | No         | Emergency |            | No         | 5.2                   | ND                    | 2024-12-25    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5030280                                            | E08_09                | E08_09                | 600     | LINCOLN AVE       | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2024-06-21               | No         |           |            |            | ND                    | ND                    | 2024-12-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067688                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1107    | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-25              | 2024-06-25               | No         |           |            |            | ND                    | ND                    | 2024-10-21    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5029117                                            | E08_09                | E08_09                | 619     | THOMPSON ST       | Lead                     | Lead                      | Copper                   | Copper                    | 2024-06-25              | 2024-06-25               | No         |           |            |            | 2.9                   | 1.75                  | 2024-10-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5068723                                            | SDWMR_2022_C          | SDWMR_2022_C          | 1124    | HASLAGE AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2024-06-27              | 2024-06-27               | No         |           |            |            | 3.29                  | 1.21                  | 2024-10-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5052077                                            | Ops                   |                       | 2434    | PATTERSON ST      | Lead                     | Copper                    | Copper                   | Not Replaced              | 2024-06-28              |                          |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

| Construction Samples Report as of January 31, 2025 |                           |                       |       |                 |                          |                           |                          |                           |                         |                          |                    |                     |                           |                            |                           |                            |                          |                           |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
|----------------------------------------------------|---------------------------|-----------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|--------------------|---------------------|---------------------------|----------------------------|---------------------------|----------------------------|--------------------------|---------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|--|
| Location ID                                        | Work Order Public         | Work Order Private    | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Work Order Public2 | Work Order Private2 | Site Verification Public2 | Site Verification Private2 | Replaced Material Public2 | Replaced Material Private2 | Replacement Date Public2 | Replacement Date Private2 | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result ppb1_Draw1 | Lab Result ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result ppb3_Draw1 | Lab Result ppb3_Draw5 | Dt Collected3 | Lab Result ppb4_Draw1 | Lab Result ppb4_Draw5 | Dt Collected4 | Lab Result ppb5_Draw1 | Lab Result ppb5_Draw5 | Dt Collected5 |  |
| 5049759                                            | Ops                       | BLG_02                | 4038  | MURRAY AVE      | Lead                     | Unknown                   | PEX                      | Not Replaced              | 2016-07-26              |                          | SDWMR_2020A        | SDWMR_2020A         | PEX                       | Lead                       | PEX                       | Copper                     |                          | 2020-11-12                | 2020-11-12 | Yes       | Emergency  |            |                       | 2.19                  |               | 2020-11-15            |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5037581                                            | Ops                       | BLG                   | 5508  | BEACON ST       | Lead                     |                           | PEX                      | Copper                    | 2016-09-07              | 2019-02-08               | SDWMR_2022_A1      | SDWMR_2022_A1       | PEX                       | Copper                     | Copper                    | Not Replaced               |                          | 2024-12-02                |            | Yes       | Emergency  |            |                       | 9.2                   |               | 2021-08-14            | 1.54                  |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5022994                                            | Upper Lawrenceville Relay | BLG                   | 5438  | NATRONA WAY     | Lead                     |                           | Lead                     | Non-Lead                  | 2016-09-15              |                          | F08_07             | F08_07              | Copper                    | Copper                     | Not Replaced              | Not Replaced               |                          |                           | Yes        |           |            |            | ND                    |                       | 2017-07-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5031416                                            | Ops                       | BLG_01                | 7055  | CHAUCER ST      | Lead                     |                           | PEX                      | Not Replaced              | 2016-10-31              |                          | F07_09             | F07_09              | PEX                       | Lead                       | PEX                       | Copper                     |                          | 2024-05-13                |            | Yes       | Emergency  |            | NO                    | 5.49                  |               | 2024-09-23            |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5031892                                            | Ops                       | BLG_01                | 1542  | OBERLIN ST      | Lead                     |                           | Lead                     | PEX                       | 2016-11-01              |                          | SDWMR_2020B        | SDWMR_2020B         | PEX                       | Lead                       | PEX                       | Copper                     |                          | 2020-11-12                | 2020-11-12 | Yes       | Emergency  |            | ND                    |                       | 2020-11-16    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5031893                                            | Ops                       | BLG_01                | 1544  | OBERLIN ST      | Lead                     |                           | Lead                     | PEX                       | 2016-11-02              |                          | SDWMR_2020B        | SDWMR_2020B         | PEX                       | Lead                       | PEX                       | Copper                     |                          | 2020-11-17                | 2020-11-17 | Yes       | Emergency  |            | 2.72                  |                       | 2020-11-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5030605                                            | Ops                       | Private Reimbursement | 5858  | BURCHFIELD AVE  | Lead                     |                           | PEX                      | Copper                    | 2016-11-09              | 2018-04-27               | SDWMR_2020A        | SDWMR_2020A         | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2021-02-08                |            | Yes       | Emergency  |            | 3.3                   |                       | 2017-11-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5040025                                            | Ops                       | BLG                   | 7000  | MEADE PL        | Lead                     |                           | Lead                     | Copper                    | 2017-03-15              | 2019-01-11               | SDWMR_2021_C       | SDWMR_2021_C        | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2022-09-13                |            | Yes       | Emergency  |            | ND                    |                       | 2021-08-10    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5080914                                            | Ops                       | BLG                   | 3707  | ATKINS ST       | Lead                     |                           | Lead                     | Copper                    | 2017-02-22              | 2018-02-26               | SDWMR_2022_A2      | SDWMR_2022_A2       | PEX                       | Copper                     | Copper                    | Not Replaced               |                          | 2024-12-12                |            | Yes       | Emergency  |            | ND                    |                       | 2019-04-22    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5037952                                            | Ops                       | Private Reimbursement | 5407  | GUARDINO RD     | Lead                     |                           | Lead                     | Copper                    | 2017-05-22              | 2017-08-28               | SDWMR_2022_A1      | SDWMR_2022_A1       | PEX                       | Copper                     | Copper                    | Not Replaced               |                          | 2025-01-17                |            | Yes       | Emergency  |            | 36                    |                       | 2017-05-25    | 15                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5037931                                            | ES_1                      | BLG_01                | 5535  | BARTLETT ST     | Lead                     |                           | PEX                      | Copper                    | 2017-05-31              | 2019-04-23               | SDWMR_2021_A1      | SDWMR_2021_A1       | PEX                       | Copper                     | Copper                    | Not Replaced               |                          | 2024-11-15                |            | Yes       | Emergency  |            | 27                    |                       | 2017-10-30    | ND                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5081126                                            | Ops                       | BLG                   | 1128  | HARVARD CIR     | Lead                     |                           | Lead                     | Copper                    | 2017-07-19              | 2019-02-05               | SDWMR_2022_A2      | SDWMR_2022_A2       | PEX                       | Copper                     | Copper                    | Not Replaced               |                          | 2024-11-30                |            | Yes       | Emergency  |            | 4.74                  |                       | 2019-02-06    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5026918                                            | Ops                       | BLG                   | 709   | N EUCLIO AVE    | Lead                     |                           | PEX                      | Not Replaced              | 2017-07-24              |                          | SDWMR_2021_B       | SDWMR_2021_B        | PEX                       | PEX                        | PEX                       | Not Replaced               |                          | 2022-05-09                |            | Yes       | Emergency  |            | 33                    |                       | 2017-07-28    | 17                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5061640                                            | Adm_04                    | Adm_04                | 4     | ADORN ST        | Lead                     | Unknown                   | PEX                      | Not Replaced              | 2017-08-01              |                          | F10_02             | F10_02              | PEX                       | Copper                     | Not Replaced              | Not Replaced               |                          |                           | Yes        |           |            |            | 4.8                   |                       | 2017-08-02    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5070001                                            | Ops                       | BLG_01_C              | 1097  | WOODS RUN AVE   | Lead                     | Unknown                   | PEX                      | Not Replaced              | 2017-08-25              |                          | F05_06             | F05_06              | PEX                       | PEX                        | Not Replaced              | Not Replaced               |                          |                           | Yes        | Emergency |            |            | 11                    |                       | 2017-08-27    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5004432                                            | Ops                       | BLG_01                | 3316  | HARDIE WAY      | Lead                     |                           | Lead                     | PEX                       | 2017-09-20              |                          | DO2_03             | DO2_03              | PEX                       | Lead                       | Not Replaced              | Copper                     |                          | 2022-07-13                |            | Yes       | Emergency  |            | 16.1                  |                       | 2022-07-15    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5039111                                            | Ops                       | BLG                   | 2842  | SHADY AVE       | Lead                     |                           | Lead                     | Copper                    | 2017-10-16              | 2019-01-10               | SDWMR_2020A        | SDWMR_2020A         | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2021-01-21                |            | Yes       | Emergency  |            | 56                    |                       | 2017-10-19    | 48                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5031548                                            | Ops                       | BLG_02                | 1500  | WESTMORELAND ST | Lead                     |                           | Copper                   | PEX                       | 2017-11-28              |                          | SDWMR_2021_B       | SDWMR_2021_B        | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2022-05-10                |            | No        | Emergency  |            | ND                    |                       | 2017-10-31    | 21                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5030883                                            | Ops                       | BLG                   | 6939  | CHURCHLAND ST   | Lead                     |                           | Lead                     | PEX                       | 2017-12-03              | 2019-01-08               | F02_09             | F02_09              | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2023-09-05                |            | Yes       | Emergency  |            | 9.3                   |                       | 2017-12-11    | ND                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5016717                                            | Ops                       | BLG_01                | 368   | 44TH ST         | Lead                     |                           | Lead                     | Copper                    | 2017-12-07              | 2019-03-28               | SDWMR_2021_B       | SDWMR_2021_B        | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2022-04-20                |            | Yes       | Emergency  |            | 1700                  |                       | 2017-12-07    | 4.9                   |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5044101                                            | Ops                       | BLG_01                | 620   | E END AVE       | Lead                     |                           | Lead                     | PEX                       | 2017-12-17              | 2019-05-29               | SDWMR_2022_B       | SDWMR_2022_B        | PEX                       | Copper                     | PEX                       | Not Replaced               |                          | 2024-03-20                |            | Yes       | Emergency  |            | 80                    |                       | 2018-12-18    | 5                     |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5037482                                            | Ops                       | BLG                   | 5532  | BARTLETT ST     | Lead                     |                           | Lead                     | Copper                    | 2017-12-22              | 2018-12-17               | SDWMR_2022_A1      | SDWMR_2022_A1       | PEX                       | Copper                     | Copper                    | Not Replaced               |                          | 2024-11-12                |            | Yes       | Emergency  |            | 2.3                   |                       | 2017-12-25    | ND                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5043814                                            | Ops                       | BLG_01                | 217   | MAPLE TER       | Lead                     |                           | Lead                     | PEX                       | 2018-02-12              |                          | Ops                |                     |                           |                            | Not Replaced              | Not Replaced               |                          |                           |            | No        | Emergency  | Emergency  |                       | 11                    |               | 2018-02-22            |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5058344                                            | Ops                       | BLG_01                | 4022  | CARROLL ST      | Lead                     |                           | Lead                     | PEX                       | 2018-02-14              |                          | SDWMR_2020A        | SDWMR_2020A         | PEX                       | Lead Tailpiece             | PEX                       | Copper Tailpiece           |                          | 2021-09-29                | 2021-07-09 | Yes       | Emergency  |            | ND                    |                       | 2018-03-26    | ND                    |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5017885                                            | Ops                       | BLG                   | 4622  | CARROLL ST      | Lead                     | Non-Lead                  | PEX                      | Not Replaced              | 2018-02-15              |                          | SDWMR_2021_B       | SDWMR_2021_B        | PEX                       | PEX                        | PEX                       | Not Replaced               |                          | 2022-06-08                |            | No        | Emergency  |            | ND                    |                       | 2018-10-17    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5058658                                            | Ops                       | BLG                   | 158   | VIRGINIA AVE    | Lead                     |                           | Lead                     | PEX                       | 2018-02-18              |                          | SDWMR_2020A        | SDWMR_2020A         | PEX                       | Lead Tailpiece             | PEX                       | Copper Tailpiece           |                          | 2021-08-06                | 2021-08-06 | Yes       | Emergency  |            | ND                    |                       | 2018-03-07    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5037540                                            | Ops                       | BLG                   | 5448  | BARTLETT ST     | Lead                     |                           | Lead                     | PEX                       | 2018-02-23              |                          | SDWMR_2022_A1      | SDWMR_2022_A1       | Copper                    | Copper                     | Copper                    | Not Replaced               |                          | 2024-10-14                |            | No        | Emergency  |            | 5.3                   |                       | 2018-04-24    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |
| 5003957                                            | Ops                       | BLG_01                | 5     |                 |                          |                           |                          |                           |                         |                          |                    |                     |                           |                            |                           |                            |                          |                           |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |  |

| Construction Samples Report as of January 31, 2025 |                   |                       |       |                 |                          |                           |                          |                           |                         |                          |                       |                      |                           |                            |                           |                            |                          |                           |            |           |            |            |                       |                       |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
|----------------------------------------------------|-------------------|-----------------------|-------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|--------------------------|-----------------------|----------------------|---------------------------|----------------------------|---------------------------|----------------------------|--------------------------|---------------------------|------------|-----------|------------|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
| Location Id                                        | Work Order Public | Work Order Private    | House | Street          | Site Verification Public | Site Verification Private | Replaced Material Public | Replaced Material Private | Replacement Date Public | Replacement Date Private | Work Order Public2    | Work Order Private2  | Site Verification Public2 | Site Verification Private2 | Replaced Material Public2 | Replaced Material Private2 | Replacement Date Public2 | Replacement Date Private2 | Is Partial | Emergency | Emergency2 | Temp Water | Lab Result ppb1_Draw1 | Lab Result ppb1_Draw5 | Dt Collected1 | Lab Result_ppb2_Draw1 | Lab Result_ppb2_Draw5 | Dt Result Recfrom Lab2 | Lab Result_ppb3_Draw1 | Lab Result_ppb3_Draw5 | Dt Collected3 | Lab Result_ppb4_Draw1 | Lab Result_ppb4_Draw5 | Dt Collected4 | Lab Result_ppb5_Draw1 | Lab Result_ppb5_Draw5 | Dt Collected5 |
| 5043842                                            | Ops               | Urgent LSLR_2         | 505   | E END AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-07-11              | 2022-07-19               | SDWMR_2022_B          | SDWMR_2022_B         | PEX                       | Copper                     | PEX                       | Not Replaced               | 2024-05-03               |                           | No         | Emergency |            | Yes        | 2.83                  |                       | 2022-07-26    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5080462                                            | Priority_2        | Priority_2            | 1237  | BENTON AVE      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-07-11              | 2022-07-11               | SDWMR_2022_A2         | SDWMR_2022_A2        | PEX                       | Copper                     | Copper                    | Not Replaced               | 2024-11-27               |                           | No         |           |            |            | 5.46                  |                       | 2022-07-12    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5019523                                            | Ops               | Urgent LSLR_2         | 5211  | DEARBORN ST     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-07-14              | 2022-07-14               | Dearborn Water Relay  | Dearborn Water Relay | Copper                    | Copper                     | Copper                    | Not Replaced               | 2022-09-22               |                           | No         | Emergency |            | No         | ND                    |                       | 2022-07-18    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5043880                                            | Ops               | Urgent LSLR_2         | 528   | E END AVE       | Lead                     | Lead                      | PEX                      | Copper                    | 2022-07-25              | 2022-08-02               | SDWMR_2022_B          | SDWMR_2022_B         | PEX                       | Copper                     | PEX                       | Not Replaced               | 2024-04-10               |                           | No         | Emergency |            | Yes        | 2.58                  |                       | 2022-08-03    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5003209                                            | SDWMR_2021_B      | SDWMR_2021_B          | 205   | COLTART AVE     | Lead                     | Copper                    | PEX                      | Not Replaced              | 2022-10-27              |                          | Ops                   |                      | Lead                      | Copper                     | PEX                       | Not Replaced               | 2022-07-30               |                           | No         |           | Emergency  | <Null>     | 40.5                  |                       | 2022-07-30    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5024614                                            | B19_09            | B19_09                | 5420  | BROAD ST        | Copper                   | Copper                    | Not Replaced             | Not Replaced              |                         |                          | Urgent Sewer          | Urgent Sewer         | Lead                      | Copper                     | PEX                       | Not Replaced               | 2022-08-16               |                           | No         |           |            | 160        |                       | 2022-08-17            | 126           |                       |                       | 2022-09-22             | ND                    |                       | 2022-10-03    |                       |                       |               |                       |                       |               |
| 5042040                                            | Ops               |                       | 6642  | WOODWELL ST     | Copper                   | Unknown                   | Not Replaced             | Not Replaced              |                         |                          | Priority_3            | Priority_3           | PEX                       | Lead                       | Not Replaced              | Copper                     | 2022-08-29               | 2022-08-29                | No         | Emergency |            | No         | ND                    |                       | 2022-08-31    |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070378                                            | B08_06_A          | B08_06_A              | 1781  | PERRYVILLE ST   | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | Priority_2            | Priority_2           | Copper                    | Lead                       | PEX                       | Copper                     | 2022-09-12               | 2022-09-12                | No         |           |            | 1.48       |                       | 2022-09-13            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067639                                            | Priority_3        | Priority_3            | 925   | HASLAGE AVE     | Lead                     | Lead                      | PEX                      | Copper                    | 2022-09-16              | 2022-09-16               | SDWMR_2022_C          | SDWMR_2022_C         | PEX                       | Copper                     | PEX                       | Not Replaced               | 2024-06-14               |                           | No         |           |            | ND         |                       | 2022-09-18            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5044017                                            | Priority_3        | Priority_3            | 7722  | EDGERTON AVE    | Lead                     | Lead                      | PEX                      | Copper                    | 2022-09-23              | 2022-09-23               | SDWMR_2022_B          | SDWMR_2022_B         | PEX                       | Copper                     | PEX                       | Not Replaced               | 2024-05-08               |                           | No         |           |            | ND         |                       | 2022-11-18            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022338                                            | B01_07            | B01_07                | 918   | CHISLETT ST     | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | Priority_3            | Priority_3           | Copper                    | Lead                       | Not Replaced              | Copper                     | 2022-09-30               | 2022-09-30                | No         |           |            | ND         |                       | 2022-10-03            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5022000                                            | B01_07            | B01_07                | 1421  | JANKEY ST       | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | Priority_4            | Priority_4           | Copper                    | Lead                       | Not Replaced              | Copper                     | 2022-10-04               | 2022-10-04                | No         |           |            | 1.07       |                       | 2022-10-21            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057634                                            | A01_03            | A01_03                | 98    | ESTELLA AVE     | 1st Round Not Verified   | 1st Round Not Verified    |                          |                           |                         |                          | Priority_4            | Priority_4           | Lead                      | Lead                       | PEX                       | Copper                     | 2022-10-18               | 2022-10-18                | No         |           |            | ND         |                       | 2024-04-27            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5026681                                            | B19_09            | B19_09                | 5505  | MARGARETTA ST   | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | Priority_3            | Priority_3           | Copper                    | Lead                       | Not Replaced              | Copper                     | 2022-10-25               | 2022-10-24                | No         |           |            | ND         |                       | 2022-10-25            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037252                                            | Priority_3        | Priority_3            | 5504  | RALEIGH ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-10-26              | 2022-10-26               | SDWMR_2022_A1         | SDWMR_2022_A1        | PEX                       | Copper                     | Copper                    | Not Replaced               | 2025-01-02               | 2022-10-24                | No         |           |            | ND         |                       | 2022-10-28            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5081301                                            | Priority_4        | Priority_4            | 1010  | CORNELL ST      | Lead                     | Lead                      | PEX                      | Copper                    | 2022-11-01              | 2022-11-01               | SDWMR_2022_A2         | SDWMR_2022_A2        | PEX                       | Copper                     | Copper                    | Not Replaced               | 2025-01-27               |                           | No         |           |            | 26.7       |                       | 2022-11-30            | 4.19          |                       |                       | 2023-02-28             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037969                                            | Priority_4        | Priority_4            | 5502  | KAMIN ST        | Lead                     | Lead                      | PEX                      | Copper                    | 2022-11-04              | 2022-11-04               | SDWMR_2022_A1         | SDWMR_2022_A1        | PEX                       | Copper                     | Copper                    | Not Replaced               | 2024-12-27               |                           | No         |           |            | ND         |                       | 2022-11-09            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5081147                                            | Ops               | Private Reimbursement | 3728  | WARFIELD ST     | Lead                     | Lead                      | PEX                      | PEX                       | 2022-12-20              | 2022-12-19               | SDWMR_2022_A2         | SDWMR_2022_A2        | PEX                       | Copper                     | Copper                    | Not Replaced               | 2025-01-02               |                           | No         | Emergency |            | ND         |                       | 2023-02-04            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5070407                                            | A16_06            | A16_06                | 1534  | GARFIELD AVE    | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | Garfield Ave Relay    | Garfield Ave Relay   | Copper                    | Lead                       | PEX                       | Copper                     | 2023-01-24               | 2023-01-24                | No         |           |            | ND         |                       | 2023-01-24            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014253                                            | D05_07            | D05_07                | 5144  | FRIENDSHIP AVE  | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-02-10               | Ops                   |                      | Copper                    | Lead                       | Not Replaced              | Not Replaced               | 2023-02-28               | 2023-02-28                | No         |           | Emergency  | 5.01       |                       | 2023-02-12            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5014153                                            | B21_07            | B21_07                | 323   | S WINNEBROKE ST | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | D05_07                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2023-03-06               | 2023-03-06                | No         |           |            | 2.31       |                       | 2023-03-06            | 1.77          |                       |                       | 2023-04-06             |                       |                       |               |                       |                       |               |                       |                       |               |
| 5010806                                            | SDWMR_2021_C      | SDWMR_2021_C          | 5037  | CASTLEMAN ST    | PEX                      | Copper                    | PEX                      | Not Replaced              | 2023-05-15              |                          | Urgent LSLR_2         | Urgent LSLR_2        | Lead                      | Lead Tailpiece             | PEX                       | Copper Tailpiece           | 2023-04-14               | 2023-04-13                | No         |           |            | ND         |                       | 2023-04-15            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5047999                                            | D09_05_A          | D09_05_A              | 136   | TIPTON ST       | Copper                   | Lead                      | Not Replaced             | Copper                    |                         | 2023-07-13               | Ops                   |                      | Copper                    | Copper                     | Not Replaced              | Not Replaced               |                          |                           | No         |           | Emergency  | ND         |                       | 2023-08-19            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5037600                                            | SDWMR_2022_A1     | SDWMR_2022_A1         | 5559  | RALEIGH ST      | PEX                      | Copper                    | Copper                   | Not Replaced              | 2024-12-11              |                          | Ops                   | Urgent LSLR_3        | Lead                      | Lead                       | PEX                       | Copper                     | 2023-10-22               | 2023-11-01                | No         |           | Emergency  | 5.86       | ND                    | 2024-02-23            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5036239                                            | Urgent LSLR_3     | Urgent LSLR_3         | 1425  | INVERNESS AVE   | Lead                     | Lead Tailpiece            | PEX                      | Copper Tailpiece          | 2023-11-30              | 2023-11-30               | Private Reimbursement |                      | PEX                       | Lead                       | Not Replaced              | Copper                     | 2023-11-14               |                           | No         |           |            | ND         | ND                    | 2024-03-25            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5067404                                            | Ops               |                       | 1137  | TROY HILL RD    | Copper                   | Unknown                   | Not Replaced             | Not Replaced              |                         |                          | D10_01                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-02-06               | 2024-02-06                | No         | Emergency |            | ND         | ND                    | 2024-06-16            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5046051                                            | Ops               |                       | 4312  | LYDIA ST        | Copper                   | Copper                    | Not Replaced             | Not Replaced              |                         |                          | Ops                   |                      | Lead                      | Copper                     | PEX                       | Not Replaced               | 2024-03-08               |                           | No         | Emergency | Emergency  | ND         | ND                    | 2024-05-18            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032923                                            | B04_09_B          | B04_09_B              | 7317  | MOUNT VERNON ST | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E07_09                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-04-22               | 2024-04-22                | No         |           |            | 1.38       | ND                    | 2024-09-07            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5032922                                            | B04_09_B          | B04_09_B              | 7315  | MOUNT VERNON ST | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E07_09                |                      | Copper                    | Lead                       | Copper                    | Copper                     | 2024-04-24               | 2024-04-24                | No         |           |            | 365        | 215                   | 2024-09-15            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033197                                            | B04_09_B          | B04_09_B              | 7038  | FRANKSTOWN AVE  | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E07_09                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-05-13               | 2024-05-13                | No         |           |            | ND         | ND                    | 2024-10-15            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057319                                            | B06_03_A          | B06_03_A              | 1432  | ARLINGTON AVE   | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E06_03                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-06-04               | 2024-06-04                | No         |           |            | ND         | ND                    | 2024-10-20            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057599                                            | B06_03_A          | B06_03_A              | 913   | CLIMAX ST       | Lead                     | Not Replaced              | Not Replaced             | Not Replaced              |                         |                          | E06_03                |                      | Lead                      | Lead                       | PEX                       | Copper                     | 2024-06-11               | 2024-06-11                | No         |           |            | ND         | ND                    | 2024-10-22            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057229                                            | B06_03_A          | B06_03_A              | 323   | ALLEN ST        | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E06_03                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-06-26               | 2024-06-26                | No         |           |            | ND         | ND                    | 2024-10-25            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5057136                                            | B06_03_A          | B06_03_A              | 77    | ALLEN ST        | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E06_03                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-06-27               | 2024-06-27                | No         |           |            | 1.39       | ND                    | 2024-10-23            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5056694                                            | B06_03_A          | B06_03_A              | 43    | ALLEN ST        | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E06_03                |                      | Copper                    | Lead                       | Not Replaced              | Copper                     | 2024-07-29               | 2024-07-29                | No         |           |            | ND         | ND                    | 2024-12-10            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |
| 5033106                                            | B04_09_B          | B04_09_B              | 7040  | FIELDING WAY    | Copper                   | Lead                      | Not Replaced             | Not Replaced              |                         |                          | E07_09                |                      | Lead                      | Lead                       | Copper                    | Copper                     | 2024-08-09               | 2024-08-09                | No         |           |            | ND         | ND                    | 2024-12-26            |               |                       |                       |                        |                       |                       |               |                       |                       |               |                       |                       |               |

Appendix I- FR. III.1

FR III.1

| Pittsburgh Water & Sewer Authority |               |               |               |               |              |               |               |               |              |               |               |               |              |               |               |               |              |               |               |
|------------------------------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Operating Expenses by Account      |               |               |               |               |              |               |               |               |              |               |               |               |              |               |               |               |              |               |               |
| Direct Operating Expenses          | 12 Months     | 12 Months     | HTY           | 12 Months     | 3 Months     | 6 Months      | 9 Months      | 12 Months     | 3 Months     | 6 Months      | 9 Months      | 12 Months     | 3 Months     | 6 Months      | 9 Months      | 12 Months     | 3 Months     | 6 Months      | 9 Months      |
|                                    | Ended         | Ended         | 12 Months     | Ended         | Ended        | Ended         | Ended         | Ended         | Ended        | Ended         | Ended         | Ended         | Ended        | Ended         | Ended         | Ended         | Ended        | Ended         | Ended         |
|                                    | 12/31/2015    | 12/31/2016    | 12/31/2017    | 12/31/2018    | 3/31/2019    | 6/30/2019     | 9/30/2019     | 12/31/2019    | 3/31/2020    | 6/30/2020     | 9/30/2020     | 12/31/2020    | 3/31/2021    | 6/30/2021     | 9/30/2021     | 12/31/2021    | 3/31/2022    | 6/30/2022     | 9/30/2022     |
| Wages & Salaries                   |               |               |               |               |              |               |               |               |              |               |               |               |              |               |               |               |              |               |               |
| 4001 Salary/Wages                  | \$ 11,035,889 | \$ 11,352,097 | \$ 11,942,744 | \$ 14,013,848 | 4,065,188    | 8,014,211     | 12,655,908    | 17,415,267    | 4,291,058    | 8,332,447     | 13,504,460    | 18,617,022    | 4,560,317    | 10,142,527    | 14,923,905    | 20,717,547    | 4,983,908    | 11,367,357.76 | 16,599,048.21 |
| 4005 OT Premium Pay                | 1,210,877     | 1,261,335     | 1,504,742     | 1,814,309     | 620,791      | 1,028,447     | 1,502,591     | 2,001,622     | 400,446      | 675,516       | 1,132,774     | 1,571,406     | 408,558      | 759,237       | 1,132,745     | 1,594,793     | 500,439      | 873,999.70    | 1,278,466.60  |
| 4010 Shift Differential            | 6,170         | 7,311         | 5,988         | 6,887         | 1,824        | 3,131         | 4,998         | 6,905         | 1,603        | 3,054         | 5,123         | 7,028         | 28,174       | 56,589        | 81,186        | 112,650       | 31,520       | 61,894.70     | 90,420.88     |
| 4015 Semi Skill                    | 6,223         | 5,739         | 6,907         | 7,129         | 1,154        | 2,734         | 5,065         | 6,525         | 700          | 1,343         | 2,090         | 2,741         | 873          | 1,843         | 1,843         | -             | -            | -             | -             |
| 4020 Pay Adjustments               | -             | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             |
| 4025 Bonus                         | -             | 3,500         | -             | 5,500         | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | 20,500        | 20,500        | 69,213       | 69,212.50     | 69,212.50     |
| 4030 Holiday Pay                   | 531,144       | 537,915       | 579,017       | 631,308       | 261,264      | 407,001       | 601,514       | 827,894       | 273,543      | 443,277       | 612,394       | 915,618       | 292,619      | 470,917       | 655,822       | 1,005,600     | 379,112      | 587,649.15    | 889,283.03    |
| 4035 Vacation Pay                  | 984,336       | 974,011       | 952,563       | 1,065,930     | 267,309      | 477,779       | 895,687       | 1,207,626     | 293,011      | 429,237       | 857,520       | 1,279,163     | 304,280      | 619,150       | 1,081,837     | 1,580,964     | 376,476      | 731,216.12    | 1,209,014.00  |
| 4040 Other                         | -             | 262           | 16,230        | 29,800        | 200          | 100           | 100           | 100           | -            | -             | -             | -             | -            | -             | -             | -             | 1,787        | 1,787.29      | 1,787.29      |
| 4045 Sick Pay                      | 133,341       | 106,802       | 9,602         | 16,316        | 2,866        | 6,441         | 8,504         | 10,748        | 3,892        | 12,517        | 25,749        | 27,431        | 48,386       | 52,139        | 54,250        | 55,215        | 2,324        | 6,182.43      | 8,647.83      |
| 4050 Personal Time Pay             | 444,143       | 455,301       | 450,532       | 558,981       | 170,848      | 329,357       | 465,704       | 618,417       | 198,557      | 325,151       | 471,014       | 630,179       | 168,927      | 469,941       | 653,250       | 856,786       | 249,144      | 568,568.04    | 766,504.03    |
| 4055 Comp Time Taken               | 177,275       | 95,045        | 14,634        | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             |
| 4060 Comp Time Earned              | -             | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             |
| 4065 Jury Duty                     | 2,029         | 1,215         | 2,051         | 2,725         | -            | 2,254         | 5,381         | 6,563         | 819          | 819           | 819           | 819           | -            | 616           | 855           | 1,479         | 2,564        | 3,009.92      | 3,558.52      |
| 4070 Military Leave                | 1,092         | 2,982         | -             | -             | -            | 2,308         | 2,885         | 594           | 594          | 594           | 594           | 792           | -            | -             | 4,904         | 4,904         | -            | -             | -             |
| 4075 Supper Pay                    | 17,722        | 17,060        | 20,783        | 33,051        | 9,958        | 16,156        | 24,904        | 32,728        | 5,878        | 9,185         | 15,590        | 20,104        | 5,438        | 9,649         | 14,940        | 24,285        | 8,755        | 14,465.00     | 21,680.00     |
| 4080 Bereavement                   | 22,974        | 14,515        | 17,987        | 27,723        | 10,423       | 15,336        | 24,663        | 3,902         | 9,357        | 14,440        | 24,901        | 24,901        | 10,471       | 18,713        | 27,777        | 39,833        | 8,812        | 15,170.36     | 27,876.39     |
| 4081 Paid Parental Leave           | -             | -             | -             | -             | -            | -             | 6,204         | 16,600        | 4,110        | 4,776         | 15,180        | 17,939        | -            | -             | -             | -             | 6,061        | 7,591.68      | 26,392.56     |
| 4082 Safe Leave                    | -             | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             |
| 4085 Special                       | 52,131        | 51,540        | 52,369        | 60,207        | 19,048       | 33,748        | 52,973        | 72,484        | 17,338       | 32,955        | 54,666        | 76,630        | -            | -             | -             | -             | 500          | 9,000.00      | 18,000.00     |
| 4090 Admin Leave                   | 271,864       | -             | 7,838         | 2,060         | -            | -             | 445           | 445           | 4,071        | 820,982       | 875,449       | 955,265       | 77,475       | 148,461       | 150,220       | 183,281       | 119,092      | 148,671.54    | 193,211.96    |
| 4095 Severence                     | 102,382       | 669,892       | 487,524       | 152,174       | -            | -             | -             | -             | -            | -             | -             | 3,600         | -            | 117,468       | 117,468       | 117,468       | -            | -             | -             |
| Total Wages & Salaries             | \$ 14,999,594 | \$ 15,556,521 | \$ 16,071,511 | \$ 18,427,947 | \$ 5,430,873 | \$ 10,339,002 | \$ 16,257,525 | \$ 22,261,855 | \$ 5,499,521 | \$ 11,101,213 | \$ 17,587,864 | \$ 24,150,639 | \$ 5,905,518 | \$ 12,867,248 | \$ 18,921,501 | \$ 26,317,148 | \$ 6,739,709 | \$ 14,465,776 | \$ 21,203,104 |
| Employee Benefits                  |               |               |               |               |              |               |               |               |              |               |               |               |              |               |               |               |              |               |               |
| 4110 Fed Ins Contr Act Tx          | 925,936       | 945,396       | 990,699       | 1,125,583     | 331,689      | 630,113       | 983,008       | 1,343,682     | 334,294      | 673,484       | 1,073,143     | 1,453,301     | 362,409      | 783,105       | 1,146,625     | 1,587,241     | 410,070      | 880,902.75    | 1,284,619.84  |
| 4115 Medicare                      | 217,829       | 224,732       | 232,506       | 265,323       | 77,572       | 147,525       | 232,096       | 319,884       | 78,182       | 157,966       | 252,250       | 346,428       | 84,757       | 183,736       | 269,798       | 378,015       | 95,903       | 206,017.62    | 301,778.36    |
| 4120 Fed Unemploy Tax              | -             | -             | 4             | -             | (1)          | (1)           | (1)           | (1)           | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             |
| 4125 State Unemploy Tax            | 24,886        | 65,430        | -             | 34,478        | 742          | 1,079         | 1,591         | 8,846         | -            | -             | 10,670        | 10,670        | 7,410        | 18,506        | 21,715        | 25,415        | 8,803        | 8,802.69      | 8,802.69      |
| 4130 Workers Comp Insur            | 199,241       | 349,755       | 561,969       | (3,305)       | 266,402      | 266,402       | 305,362       | 305,362       | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | -             |
| 4135 Med Health Ins                | 2,969,278     | 2,928,766     | 3,089,588     | 3,527,693     | 889,097      | 1,836,285     | 2,831,622     | 3,962,528     | 1,028,751    | 2,067,001     | 3,117,188     | 4,210,424     | 1,058,323    | 2,166,232     | 3,323,076     | 4,545,633     | 1,193,576    | 2,405,325.14  | 3,621,305.56  |
| 4140 Med Hlth Ins Waiver           | 16,642        | 28,906        | 22,183        | 57,239        | 17,213       | 36,478        | 57,585        | 83,892        | 15,654       | 36,786        | 54,629        | 72,359        | 16,847       | 31,692        | 45,488        | 59,104        | 13,112       | 26,833.02     | 41,782.88     |
| 4145 Short Term Disability         | 170,670       | 171,661       | 161,659       | 154,581       | 41,354       | 84,374        | 129,440       | 177,013       | 48,662       | 97,028        | 153,812       | 226,692       | 69,223       | 138,960       | 217,027       | 346,435       | 84,467       | 168,784.07    | 253,556.94    |
| 4150 Long Term Disability          | 35,372        | 33,200        | 31,318        | 349,248       | 7,799        | 14,909        | 21,910        | 28,738        | 6,593        | 12,977        | 19,849        | 27,775        | 5,070        | 10,653        | 16,112        | 27,039        | 5,533        | 10,938.69     | 16,300.91     |
| 4155 Life Ins <50k                 | 28,767        | 28,008        | 25,687        | 27,504        | 7,441        | 15,638        | 24,513        | 33,419        | 8,909        | 18,441        | 28,483        | 38,413        | 9,906        | 20,016        | 30,538        | 43,615        | 11,087       | 22,497.58     | 34,128.06     |
| 4160 Accident.Death.Dismember      | 3,020         | 3,175         | 3,274         | 3,742         | 1,008        | 2,117         | 3,318         | 4,519         | 1,207        | 2,493         | 3,848         | 5,171         | 1,321        | 2,669         | 4,072         | 5,815         | 1,478        | 2,999.70      | 4,550.45      |
| 4165 Dental Ins                    | 139,668       | 133,593       | 132,857       | 135,371       | 35,058       | 70,665        | 108,675       | 146,934       | 38,004       | 77,796        | 111,246       | 151,738       | 41,749       | 83,498        | 125,506       | 173,099       | 44,383       | 89,103.63     | 134,486.71    |
| 4170 Vision Insur                  | 9,707         | 8,853         | 9,512         | 10,141        | 2,876        | 5,887         | 9,250         | 12,688        | 3,400        | 7,116         | 11,190        | 15,287        | 5,257        | 10,577        | 16,054        | 21,559        | 6,069        | 12,164.13     | 18,436.08     |
| 4174 Cust Serv Week                | -             | -             | 550           | 457           | -            | -             | -             | 1,195         | -            | -             | -             | -             | -            | -             | -             | -             | -            | -             | 95,525.38     |
| 4175 Uniforms                      | 197,422       | 174,773       | 164,450       | 167,162       | 54,373       | 104,945       | 151,865       | 209,599       | 39,934       | 74,001        | 102,655       | 155,684       | 32,913       | 66,576        | 124,154       | 160,760       | 33,566       | 68,638.99     | 34,624.71     |
| 4180 Tuition Reimburse             | 28,750        | 22,330        | 35,873        | 68,156        | 35,023       | 55,553        | 71,230        | 104,366       | 5,305        | 40,237        | 53,468        | 64,196        | 28,637       | 44,621        | 57,636        | 71,861        | 4,853        | 29,663.73     | 231,066.91    |
| 4185 Retirement Benefit            | -             | -             | -             | -             | -            | -             | 1,962         | 10,688        | 12,944       | 31,306        | 60,946        | 95,076        | 31,632       | 72,165        | 112,714       | 170,365       | 65,902       | 150,194.52    | (30,488.00)   |
| 4195 Misc Benefits                 | (19,845)      | (21,274)      | (22,584)      | (22,029)      | (5,104)      | (10,868)      | (16,766)      | (22,632)      | (5,974)      | (11,782)      | (17,546)      | (23,442)      | (5,808)      | (11,748)      | (17,556)      | (23,276)      | (5,588)      | (17,065.00)   | -             |
| 4199 Payroll Upload Except         | (685)         | (6,027)       | (14)          | (1,456)       | -            | -             | -             | (21)          | -            | -             | -             | (1,385)       | -            | -             | -             | -             | -            | -             | -             |
| Total Employee Benefits            | \$ 4,946,658  | \$ 5,091,276  | \$ 5,439,531  | \$ 5,899,887  | \$ 1,762,543 | \$ 3,261,101  | \$ 4,916,661  | \$ 6,730,702  | \$ 1,615,865 | \$ 3,284,850  | \$ 5,035,829  | \$ 6,848,387  | \$ 1,749,644 | \$ 3,621,257  | \$ 5,492,958  | \$ 7,592,680  | \$ 1,973,215 | \$ 4,065,801  | \$ 6,050,477  |
| TOTAL SALARIES & BENEFITS          | \$ 19,946,252 | \$ 20,647,796 | \$ 21,511,042 | \$ 24,327,834 | \$ 7,193,416 | \$ 13,600,103 | \$ 21,174,186 | \$ 28,992,557 | \$ 7,115,387 | \$ 14,386,063 | \$ 22,623,693 | \$ 30,999,026 | \$ 7,655,162 | \$ 16,488,505 | \$ 24,414,459 | \$ 33,909,828 | \$ 8,712,924 | \$ 18,531,577 | \$ 27,253,581 |

Pittsburgh Water & Sewer Authority  
Operating Expenses by Account

|                                     | 12 Months<br>Ended<br>12/31/2015 | 12 Months<br>Ended<br>12/31/2016 | HTY<br>12 Months<br>Ended<br>12/31/2017 | 12 Months<br>Ended<br>12/31/2018 | 3 Months<br>Ended<br>3/31/2019 | 6 Months<br>Ended<br>6/30/2019 | 9 Months<br>Ended<br>9/30/2019 | 12 Months<br>Ended<br>12/31/2019 | 3 Months<br>Ended<br>3/31/2020 | 6 Months<br>Ended<br>6/30/2020 | 9 Months<br>Ended<br>9/30/2020 | 12 Months<br>Ended<br>12/31/2020 | 3 Months<br>Ended<br>3/31/2021 | 6 Months<br>Ended<br>6/30/2021 | 9 Months<br>Ended<br>9/30/2021 | 12 Months<br>Ended<br>12/31/2021 | 3 Months<br>Ended<br>3/31/2022 | 6 Months<br>Ended<br>6/30/2022 | 9 Months<br>Ended<br>9/30/2022 |
|-------------------------------------|----------------------------------|----------------------------------|-----------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Direct Operating Expenses           |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| Chemicals                           |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 5005 Orthophosphate                 | -                                | -                                | -                                       | -                                | 19,061                         | 91,069                         | 148,252                        | 211,788                          | 67,772                         | 135,544                        | 211,788                        | 262,617                          | 27,225                         | 107,085                        | 147,015                        | 220,342                          | 36,751                         | 110,251.80                     | 266,441.85                     |
| 5010 Boiler Chemicals               | 25,845                           | 13,311                           | 5,331                                   | 12,340                           | 4,253                          | 8,750                          | 21,212                         | 25,983                           | 12,312                         | 13,135                         | 13,201                         | 37,852                           | 10,717                         | 12,101                         | 16,793                         | 31,447                           | 9,910                          | 10,518.72                      | 15,611.06                      |
| 5015 Calcium Hypochlorite           | -                                | 4,831                            | 1,320                                   | -                                | -                              | -                              | -                              | -                                | -                              | -                              | 17,000                         | 17,000                           | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5020 Clarifloc                      | 45,946                           | 22,996                           | 57,540                                  | 60,505                           | 13,524                         | 40,943                         | 81,808                         | 108,736                          | 37,879                         | 50,537                         | 76,172                         | 88,779                           | 25,232                         | 37,812                         | 63,033                         | 75,641                           | 12,613                         | 28,410.35                      | 75,724.29                      |
| 5025 Caustic Soda                   | 636,432                          | 548,132                          | 592,052                                 | 799,616                          | 224,920                        | 241,061                        | 225,057                        | 225,780                          | -                              | 1,808                          | 2,893                          | 3,978                            | 555                            | 833                            | 1,110                          | 1,665                            | 347                            | 346.91                         | 692.11                         |
| 5030 Sodium Bisulfite               | -                                | 48,111                           | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | 1,493                          | 1,493                          | 1,493                          | 1,493                            | 23,319                         | 37,222.64                      | 61,548.89                      |
| 5035 Sodium Permanganate            | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | 29,447                         | 29,447                           | -                              | -                              | 154,556.24                     |
| 5040 Citric Acid                    | 11,773                           | 11,655                           | 1,670                                   | -                                | -                              | -                              | -                              | -                                | -                              | 4,910                          | 6,580                          | 9,920                            | -                              | -                              | 6,720                          | 6,720                            | -                              | -                              | 12,982.50                      |
| 5045 Copper Sulphate                | 54,495                           | 21,288                           | 46,882                                  | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5050 Ferric Chloride                | 1,440,693                        | 1,395,342                        | 1,149,441                               | 1,411,090                        | 294,226                        | 833,295                        | 1,240,126                      | 1,823,669                        | 402,369                        | 776,750                        | 1,122,145                      | 1,504,817                        | 486,020                        | 766,491                        | 1,128,891                      | 1,496,523                        | 604,355                        | 1,064,235.20                   | 1,721,149.08                   |
| 5055 Hydrofluorosilic Acid          | 152,531                          | 127,779                          | 132,717                                 | 177,308                          | 30,236                         | 60,741                         | 113,047                        | 140,479                          | 35,292                         | 89,429                         | 125,392                        | 150,933                          | 37,528                         | 67,970                         | 106,330                        | 138,961                          | 30,584                         | 108,047.12                     | 130,293.67                     |
| 5060 Lime                           | 209,399                          | 59,069                           | 213,807                                 | 70,890                           | 7,394                          | 169,925                        | 332,028                        | 462,458                          | 126,325                        | 258,314                        | 385,225                        | 529,609                          | 121,550                        | 260,541                        | 398,438                        | 546,091                          | 160,042                        | 328,458.80                     | 492,991.39                     |
| 5065 Potassium Permanganate         | 335,080                          | 448,594                          | 332,733                                 | 109,855                          | -                              | 123,451                        | 247,338                        | 247,338                          | -                              | 125,776                        | 125,776                        | 125,776                          | -                              | -                              | 128,024                        | 128,024                          | -                              | -                              | -                              |
| 5070 Powdered Active Carbon         | -                                | 30,926                           | -                                       | (0)                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | 29,684                         | 88,050                         | 88,050                           | -                              | -                              | -                              |
| 5075 Soda Ash                       | 183,295                          | 993,658                          | 879,172                                 | 986,761                          | 206,887                        | 435,027                        | 605,153                        | 820,686                          | 247,861                        | 441,601                        | 589,682                        | 732,716                          | 169,232                        | 275,526                        | 374,581                        | 487,117                          | 130,882                        | 255,516.27                     | 394,241.86                     |
| 5080 Sodium Hypochlorite            | 290,664                          | 358,197                          | 349,780                                 | 320,130                          | 72,718                         | 179,099                        | 320,828                        | 433,004                          | 73,778                         | 183,631                        | 322,561                        | 445,308                          | 88,011                         | 173,456                        | 341,478                        | 459,862                          | 225,454                        | 389,915.10                     | 631,773.75                     |
| 5085 Sodium Carbonate Peroxyhydrate | -                                | 12,720                           | 12,720                                  | 16,960                           | -                              | -                              | -                              | -                                | -                              | -                              | 8,480                          | 16,480                           | -                              | -                              | 4,000                          | 4,000                            | -                              | 8,640.00                       | 15,120.00                      |
| Chemicals                           | \$ 3,386,154                     | \$ 4,096,610                     | \$ 3,775,165                            | \$ 3,965,455                     | \$ 873,219                     | \$ 2,183,360                   | \$ 3,324,850                   | \$ 4,499,921                     | \$ 1,003,588                   | \$ 2,081,435                   | \$ 3,006,894                   | \$ 3,925,786                     | \$ 967,562                     | \$ 1,736,192                   | \$ 2,835,402                   | \$ 3,715,383                     | \$ 1,234,257                   | \$ 2,341,563                   | \$ 3,973,127                   |
| Equipment                           |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 5120 Computer Peripherals           | 54,702                           | 105,601                          | 295,065                                 | 890,562                          | 239,654                        | 326,182                        | 449,986                        | 688,714                          | 95,245                         | 139,243                        | 264,238                        | 337,329                          | 313,357                        | 399,752                        | 554,843                        | 1,120,979                        | 64,047                         | 143,042.00                     | 316,540.17                     |
| 5125 Computers & Networking         | 66,602                           | 82,313                           | 336,517                                 | 378,556                          | 12,604                         | 16,283                         | 16,283                         | 20,577                           | -                              | -                              | -                              | 3,860                            | 3,308,424                      | 5,054,274                      | 5,074,701                      | 5,168,583                        | 1,798,492                      | 3,241,630.92                   | 3,819,172.57                   |
| 5140 Fixtures & Furniture           | 7,883                            | 33,966                           | 39,955                                  | 149,446                          | 14,386                         | 40,802                         | 44,389                         | 82,981                           | 105,524                        | 114,414                        | 127,356                        | 140,096                          | 3,528                          | 35,005                         | 44,139                         | 58,933                           | 29,394                         | 44,499.34                      | 50,677.99                      |
| 5145 Grounds & Maintenance          | 10,535                           | 29,125                           | 25,505                                  | 28,500                           | 8,403                          | 18,498                         | 30,273                         | 67,378                           | 24,651                         | 56,420                         | 82,467                         | 143,863                          | 61,284                         | 151,824                        | 172,480                        | 300,015                          | 55,726                         | 96,161.22                      | 123,310.05                     |
| 5147 Lab Equipment                  | 142,637                          | 160,536                          | 18,841                                  | 47,424                           | 33,157                         | 59,166                         | 93,145                         | 150,360                          | 45,140                         | 65,907                         | 73,858                         | 96,553                           | 63,226                         | 93,417                         | 105,080                        | 273,282                          | 11,825                         | 41,469.12                      | 62,270.26                      |
| 5150 Machinery & Equipment          | 248,095                          | 175,979                          | 98,202                                  | 233,740                          | 607,111                        | 1,026,686                      | 1,854,567                      | 2,543,899                        | 41,117                         | 71,719                         | 151,835                        | 173,961                          | 68,789                         | 197,657                        | 343,542                        | 398,031                          | 288,520                        | 387,571.76                     | 459,014.33                     |
| 5160 Office Equipment               | 596                              | -                                | 3,892                                   | 1,306                            | 238                            | 359                            | 359                            | 4,930                            | 325                            | 36,891                         | 36,891                         | 37,070                           | 308                            | 453                            | 5,988                          | 6,548                            | 549                            | 1,210.25                       | 1,786.35                       |
| 5170 Pumps & Motors                 | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5180 SCADA Equipment                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | 9,232.21                       |
| 5190 Vehicles                       | 588,272                          | 166,806                          | 614,171                                 | 1,570,946                        | 1,174,183                      | 1,939,084                      | 1,940,310                      | 2,341,473                        | -                              | -                              | 577                            | 577                              | 242,395                        | 322,250                        | 373,546                        | 801,884                          | 132,590                        | 949,480.00                     | 1,409,427.00                   |
| Equipment                           | \$ 1,119,323                     | \$ 754,325                       | \$ 1,432,148                            | \$ 3,300,481                     | \$ 2,089,737                   | \$ 3,427,061                   | \$ 4,429,312                   | \$ 5,900,312                     | \$ 312,001                     | \$ 484,594                     | \$ 737,222                     | \$ 933,309                       | \$ 4,061,310                   | \$ 6,254,633                   | \$ 6,674,320                   | \$ 8,128,254                     | \$ 2,381,143                   | \$ 4,905,065                   | \$ 6,251,431                   |
| Materials                           |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 5205 Asphalt Cold Patch             | -                                | 10,688                           | 22,994                                  | 94,307                           | 28,602                         | 48,442                         | 79,176                         | 88,631                           | 29,736                         | 40,935                         | 62,640                         | 85,097                           | 17,347                         | 34,248                         | 47,216                         | 66,238                           | 26,067                         | 45,215.08                      | 63,772.10                      |
| 5210 Asphalt Cold-City              | 58,190                           | 64,208                           | 45,669                                  | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5215 Asphalt Hot-City               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5220 Asphalt Hotmix                 | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | 2,230.85                       | 11,465.80                      |
| 5225 Asphalt Patch Bit Sealer       | -                                | 4,076                            | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5227 Brick                          | 1,740                            | -                                | 320                                     | 240                              | -                              | 543                            | 543                            | 543                              | -                              | -                              | 402                            | 402                              | -                              | 713                            | 869                            | 1,331                            | -                              | -                              | -                              |
| 5230 Cement Bagged                  | 3,611                            | 4,580                            | 5,217                                   | 1,747                            | 60                             | 182                            | 310                            | 1,243                            | 121                            | 268                            | 496                            | 811                              | 1,946                          | 2,792                          | 2,967                          | 3,467                            | 364                            | 730.63                         | 4,119.78                       |
| 5235 Gravel                         | 12,863                           | 17,255                           | 8,933                                   | 1,325                            | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5240 Iron Steel Brass               | 4,560                            | 3,909                            | 7,945                                   | 2,002                            | -                              | 5,097                          | 7,047                          | 7,047                            | -                              | -                              | 205                            | 205                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5245 Lumber                         | 18,231                           | 12,908                           | 20,206                                  | 13,177                           | 9,547                          | 10,701                         | 16,090                         | 21,886                           | 6,201                          | 11,284                         | 16,118                         | 26,047                           | 9,461                          | 15,758                         | 29,463                         | 37,554                           | 12,638                         | 18,192.04                      | 32,308.41                      |
| 5250 Sand                           | 71,012                           | 26,221                           | 47,087                                  | 13,072                           | 2,811                          | 4,981                          | 7,572                          | 9,971                            | -                              | 1,319                          | 2,658                          | 2,658                            | 1,377                          | 2,760                          | 3,450                          | 4,786                            | -                              | -                              | -                              |
| 5255 Aggergate Material             | 204,312                          | 281,399                          | 304,607                                 | 364,671                          | 100,568                        | 177,621                        | 264,642                        | 383,089                          | 102,916                        | 154,136                        | 246,055                        | 338,716                          | 111,790                        | 190,861                        | 281,720                        | 372,554                          | 129,979                        | 268,432.11                     | 377,267.44                     |
| 5260 Stone                          | -                                | -                                | -                                       | -                                | -                              | -                              | 10,222                         | 8,142                            | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5265 Top Soil                       | 4,700                            | 4,150                            | 1,800                                   | 5,296                            | 500                            | 1,500                          | 3,000                          | 3,450                            | -                              | 971                            | 1,421                          | 1,871                            | 681                            | 1,877                          | 3,073                          | 4,069                            | 296                            | 2,046.00                       | 4,147.00                       |
| Materials                           | \$ 379,218                       | \$ 429,394                       | \$ 464,778                              | \$ 495,837                       | \$ 142,089                     | \$ 249,066                     | \$ 388,601                     | \$ 524,002                       | \$ 138,973                     | \$ 208,912                     | \$ 329,995                     | \$ 455,807                       | \$ 142,602                     | \$ 249,008                     | \$ 368,758                     | \$ 489,999                       | \$ 169,344                     | \$ 336,847                     | \$ 493,081                     |

| Pittsburgh Water & Sewer Authority<br>Operating Expenses by Account |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
|---------------------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Direct Operating Expenses                                           | 12 Months<br>Ended<br>12/31/2015 | 12 Months<br>Ended<br>12/31/2016 | HTY<br>12 Months<br>Ended<br>12/31/2017 | 12 Months<br>Ended<br>12/31/2018 | 3 Months<br>Ended<br>3/31/2019 | 6 Months<br>Ended<br>6/30/2019 | 9 Months<br>Ended<br>9/30/2019 | 12 Months<br>Ended<br>12/31/2019 | 3 Months<br>Ended<br>3/31/2020 | 6 Months<br>Ended<br>6/30/2020 | 9 Months<br>Ended<br>9/30/2020 | 12 Months<br>Ended<br>12/31/2020 | 3 Months<br>Ended<br>3/31/2021 | 6 Months<br>Ended<br>6/30/2021 | 9 Months<br>Ended<br>9/30/2021 | 12 Months<br>Ended<br>12/31/2021 | 3 Months<br>Ended<br>3/31/2022 | 6 Months<br>Ended<br>6/30/2022 | 9 Months<br>Ended<br>9/30/2022 |
| Operating Contracts                                                 |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 5305 Sewer Line Contract                                            | 2,420,966                        | 1,079,623                        | 2,879,646                               | 3,127,669                        | 1,456,827                      | 3,010,543                      | 4,060,022                      | 6,631,750                        | 768,427                        | 2,456,919                      | 4,684,427                      | 8,056,519                        | 3,617,097                      | 6,679,691                      | 7,093,880                      | 13,197,606                       | 1,197,732                      | 3,858,749.99                   | 5,388,095.43                   |
| 5310 Boiler Compressor Elevtr                                       | 3,602                            | 544                              | 9,504                                   | 53,336                           | 18,653                         | 17,963                         | 17,963                         | 17,963                           | -                              | -                              | -                              | -                                | -                              | 119                            | 832                            | 1,789                            | -                              | -                              | -                              |
| 5315 CB Cleaning                                                    | 1,021,519                        | 858,332                          | 917,968                                 | 707,837                          | 190,665                        | 367,854                        | 567,860                        | 732,709                          | 172,345                        | 318,548                        | 520,507                        | 752,218                          | 83,034                         | 300,670                        | 563,807                        | 766,916                          | 111,046                        | 158,429.00                     | 306,197.00                     |
| 5316 CB Repairs                                                     | -                                | -                                | -                                       | -                                | -                              | 48,514                         | 48,514                         | 48,514                           | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5328 Curb Box Repair                                                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5330 Debris Removal                                                 | 121,524                          | 159,250                          | 159,486                                 | 198,360                          | 74,916                         | 129,653                        | 214,235                        | 271,258                          | 87,434                         | 136,458                        | 217,852                        | 302,860                          | 68,904                         | 119,196                        | 190,740                        | 253,044                          | 59,532                         | 118,599.00                     | 121,029.00                     |
| 5335 Flow Monitoring                                                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5340 Dumpster                                                       | 23,403                           | 16,503                           | 26,168                                  | 32,518                           | 12,387                         | 17,656                         | 30,105                         | 37,574                           | 12,128                         | 13,153                         | 34,141                         | 46,827                           | 14,889                         | 32,639                         | 45,169                         | 54,765                           | 7,435                          | 13,378.99                      | 26,272.58                      |
| 5341 Vactor Debris Remove Cont                                      | 38,863                           | 55,132                           | 55,796                                  | 61,556                           | 19,771                         | 19,771                         | 67,922                         | 111,326                          | -                              | 4,541                          | 106,739                        | 154,930                          | -                              | -                              | 46,049                         | 216,304                          | -                              | -                              | -                              |
| 5342 Water Line Contract                                            | 1,403,171                        | 2,533,443                        | 2,186,565                               | 3,864,918                        | 532,674                        | 1,519,261                      | 3,495,652                      | 5,777,901                        | 861,230                        | 1,988,841                      | 3,244,768                      | 5,365,542                        | 632,850                        | 1,646,098                      | 2,032,662                      | 4,175,951                        | 532,396                        | 2,973,959.74                   | 3,785,700.63                   |
| 5343 Manhole & Point Repair Contract                                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5344 Pump & Motor Contract                                          | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5345 Miscellaneous Inspection                                       | 456,267                          | -                                | (268,857)                               | 1,313,960                        | 295,681                        | 469,811                        | 576,987                        | 1,117,628                        | (39,332)                       | (43,335)                       | (38,150)                       | (34,374)                         | -                              | 643                            | 1,081                          | -                                | -                              | -                              | 18,750.00                      |
| 5347 Engineering Inspection                                         | 709,184                          | 1,050,150                        | 1,088,490                               | 793,856                          | 153,851                        | 381,802                        | 518,019                        | 698,229                          | 236,605                        | 544,455                        | 799,878                        | 1,424,101                        | 393,956                        | 826,156                        | 1,758,088                      | 2,706,352                        | 643,081                        | 1,425,471.83                   | 1,972,835.50                   |
| 5348 Line Televising                                                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5350 Key & Lock Services                                            | 11                               | -                                | 524                                     | 1,363                            | -                              | -                              | -                              | 11                               | -                              | -                              | 1,230                          | 1,230                            | 39                             | 39                             | 130                            | 143                              | -                              | -                              | 128.00                         |
| 5355 Landscape & Grounds                                            | 62,192                           | 69,883                           | 86,046                                  | 87,840                           | 52,970                         | 52,970                         | 86,588                         | 90,869                           | 29,300                         | 71,075                         | 112,635                        | 118,865                          | 122,015                        | 133,215                        | 231,470                        | 334,444                          | 524                            | 41,154.22                      | 147,705.61                     |
| 5360 Flagging                                                       | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5370 Miscellaneous Operating Contracts                              | 1,085,437                        | 2,445,907                        | 2,250,760                               | 1,996,527                        | 502,686                        | 759,047                        | 1,210,706                      | 1,816,157                        | 1,057,893                      | 2,339,929                      | 3,600,057                      | 5,296,671                        | 1,419,389                      | 2,051,911                      | 3,888,498                      | 5,937,187                        | 1,001,847                      | 2,420,566.10                   | 3,384,788.00                   |
| 5375 Security Guards                                                | -                                | 4,511                            | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5380 Line Locating                                                  | (72,174)                         | (114,327)                        | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5383 Sewage Treatment                                               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5385 Temporary Help                                                 | 259,965                          | 2,251,713                        | 1,445,888                               | 254,245                          | -                              | -                              | 206                            | 206                              | -                              | -                              | -                              | -                                | 8,618                          | 32,327                         | 51,598                         | 68,100                           | 15,342                         | 21,269.93                      | 22,461.93                      |
| 5390 Welding                                                        | 4,418                            | 139                              | -                                       | -                                | 360                            | 360                            | 360                            | 360                              | -                              | -                              | 15,500                         | 15,500                           | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5395 Water Relay.DISC                                               | -                                | -                                | 2,800                                   | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5396 Sewer Relay.DISC                                               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| Operating Contracts                                                 | \$ 7,538,348                     | \$ 10,410,802                    | \$ 10,840,784                           | \$ 12,493,984                    | \$ 3,311,440                   | \$ 6,795,205                   | \$ 10,895,140                  | \$ 17,352,454                    | \$ 3,186,030                   | \$ 7,830,647                   | \$ 13,299,586                  | \$ 21,500,889                    | \$ 6,360,790                   | \$ 11,822,704                  | \$ 15,904,004                  | \$ 27,712,601                    | \$ 3,568,937                   | \$ 11,031,579                  | \$ 15,173,964                  |
| Repairs & Maintenance                                               |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 5402 Annual Software Support                                        | 356,830                          | 433,366                          | 931,829                                 | 678,146                          | 137,199                        | 190,876                        | 423,272                        | 916,955                          | 114,782                        | 525,582                        | 858,762                        | 1,424,283                        | 256,913                        | 589,347                        | 1,087,419                      | 1,657,369                        | 823,885                        | 1,208,916.03                   | 1,490,196.13                   |
| 5405 Building & Property Repairs                                    | 146,415                          | 121,635                          | 390,277                                 | 224,243                          | 102,135                        | 151,844                        | 188,512                        | 188,512                          | 31,746                         | 61,037                         | 84,250                         | 173,305                          | 60,230                         | 124,417                        | 269,945                        | 370,605                          | 45,969                         | 140,271.83                     | 212,789.32                     |
| 5408 Computer Hardware Maintenance                                  | 44,925                           | 173,115                          | 19,505                                  | 30,592                           | -                              | -                              | 17,375                         | 17,862                           | -                              | 3,966                          | 36,966                         | 43,050                           | 32,002                         | 42,590                         | 76,530                         | 122,291                          | 7,793                          | 31,259.60                      | 73,012.42                      |
| 5411 Computer Software Support                                      | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | 47,500                         | 48,050                           | 11,875                         | 23,750                         | 47,500                         | 66,307                           | 26,735                         | 63,447.50                      | 84,785.00                      |
| 5413 Surface Restoration                                            | 3,010,703                        | 2,565,787                        | 3,973,696                               | 6,929,924                        | 550,686                        | 1,029,837                      | 3,216,757                      | 6,318,850                        | 291,128                        | 298,314                        | 3,247,357                      | 5,248,496                        | 1,156,737                      | 1,199,253                      | 4,470,762                      | 7,394,000                        | 771,632                        | 2,893,469.73                   | 5,466,688.87                   |
| 5415 Crane Repairs                                                  | 1,000                            | 14,656                           | 8,405                                   | -                                | 862                            | 6,945                          | 17,017                         | 18,029                           | 7,052                          | 9,108                          | 34,246                         | 40,971                           | 19,445                         | 19,445                         | 26,210                         | 26,400                           | -                              | -                              | -                              |
| 5417 Electrical Repairs                                             | 49,284                           | 80,316                           | 58,471                                  | 143,886                          | 20,754                         | 71,774                         | 139,365                        | 269,525                          | 53,560                         | 68,967                         | 136,042                        | 175,886                          | 49,464                         | 70,283                         | 71,108                         | 73,479                           | 17,554                         | 40,271.26                      | 40,335.62                      |
| 5420 Fence Repairs                                                  | 2,810                            | 5,206                            | -                                       | 1,990                            | -                              | 560                            | 2,914                          | 2,914                            | 11,966                         | 38,645                         | 40,049                         | 42,175                           | 12,976                         | 39,266                         | 45,785                         | 52,760                           | -                              | 2,960.00                       | 2,960.00                       |
| 5422 Chemical Removal                                               | -                                | 8,306                            | 1,541                                   | 6,292                            | -                              | -                              | 1,966                          | -                                | -                              | 13,309                         | 13,309                         | 13,309                           | 239,142                        | 239,142                        | 239,142                        | 251,252                          | -                              | 8,677.00                       | 40,944.51                      |
| 5427 GIS Hardware & Software Mainte                                 | 87,010                           | 57,807                           | 42,419                                  | 10,758                           | 4,733                          | 84,621                         | 129,105                        | 151,652                          | 767                            | 1,534                          | 2,301                          | 3,068                            | 816                            | 1,632                          | 2,720                          | 2,992                            | 1,088                          | 1,904.00                       | 2,176.00                       |
| 5432 Hardware Repairs                                               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5437 Heavy Equipment Repairs                                        | -                                | -                                | 2,135                                   | 2,781                            | 7,544                          | 8,124                          | 22,608                         | 38,853                           | 35,665                         | 32,326                         | 32,326                         | 32,326                           | 2,003                          | 3,044                          | 3,148                          | 7,099                            | -                              | -                              | 48.84                          |
| 5439 HVAC & Plumbing Repairs                                        | 22,401                           | 53,726                           | 16,389                                  | 64,351                           | 25,686                         | 42,595                         | 56,907                         | 64,111                           | 36,493                         | 68,688                         | 91,329                         | 157,489                          | 67,024                         | 85,479                         | 115,192                        | 134,772                          | 21,617                         | 46,029.71                      | 49,422.88                      |
| 5444 Hydrant. A Section                                             | 7,446                            | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5445 Hydrant Misc Parts                                             | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5447 Hydrant Repair Parts                                           | 539                              | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5452 Machinery Repairs                                              | 123,918                          | 19,243                           | 6,365                                   | 139,483                          | 26,591                         | 32,239                         | 42,099                         | 60,591                           | 13,069                         | 17,936                         | 24,132                         | 43,085                           | 57,333                         | 104,202                        | 133,070                        | 181,084                          | 47,396                         | 113,597.58                     | 132,696.93                     |
| 5457 Office Equip Repairs                                           | 13,146                           | 4,116                            | -                                       | -                                | -                              | 100                            | 100                            | 100                              | -                              | -                              | 1,156                          | 1,156                            | 781                            | 781                            | 781                            | 1,540                            | 160                            | 220.92                         | 322.94                         |
| 5462 Plant Repairs                                                  | -                                | -                                | -                                       | -                                | 11,031                         | 18,831                         | 34,690                         | 136,910                          | 31,904                         | 93,152                         | 250,089                        | 297,515                          | 55,303                         | 100,425                        | 208,457                        | 320,729                          | 86,505                         | 126,727.75                     | 165,307.18                     |
| 5467 Power Tool Repairs                                             | 3,567                            | 5,571                            | 8,525                                   | 1,506                            | 295                            | 5,948                          | 5,948                          | 5,948                            | 1,736                          | 1,736                          | 1,736                          | 1,736                            | 9,921                          | 10,482                         | 13,021                         | 13,103                           | -                              | 673.06                         | 673.06                         |
| 5472 Road Repair.Plant                                              | -                                | 700                              | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5475 Scanner                                                        | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5482 Tool Repairs                                                   | 84,854                           | 5,346                            | 4,475                                   | 7,653                            | -                              | 3,177                          | 3,269                          | 3,269                            | 120                            | 435                            | 898                            | 983                              | 185                            | 2,307                          | 5,703                          | 5,309                            | -                              | 5,954.65                       | 5,954.65                       |
| 5484 Hand Tool Repairs                                              | 6,780                            | 4,296                            | 1,870                                   | 165                              | 589                            | 589                            | 1,688                          | 1,688                            | 1,434                          | 1,475                          | 1,475                          | 1,475                            | -                              | 257                            | 257                            | 2,208                            | 992                            | (0.00)                         | (0.00)                         |
| 5486 Misc Tool Repairs                                              | 380                              | 672                              | 500                                     | 5,470                            | 71                             | 71                             | 467                            | 467                              | 779                            | 779                            | 779                            | 779                              | 648                            | 834                            | 834                            | 1,299                            | 281                            | (0.00)                         | (0.00)                         |
| 5488 CC TV Repairs                                                  | 92,627                           | 78,062                           | 85,556                                  | 144,253                          | 70,017                         | 127,909                        | 180,590                        | 223,473                          | 23,432                         | 23,432                         | 23,978                         | 25,493                           | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5490 Vactor Repairs                                                 | 64,634                           | 50,581                           | 4,838                                   | 22,104                           | 196                            | 1,746                          | 1,746                          | 13,409                           | 2,287                          | 8,704                          | 11,072                         | 17,358                           | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 5491 Vehicle Repairs                                                | 151,830                          | 378,059                          | 79,124                                  | 2,218                            | 6,630                          | 2,218                          | 5,745                          | 25,105                           | 52,380                         | 94,658                         | 890,330                        | 890,330                          | 62,140                         | 151,048                        | 216,620                        | 674,450                          | 50,050                         | 466,836.84                     | 721,571.45                     |
| 5496 Repair.Maint Other                                             | 203,786                          | 214,538                          | 138,395                                 | 399,058                          | 130,475                        | 166,380                        | 206,355                        | 618,629                          | 38,297                         | 59,815                         | 97,049                         | 108,291                          | 29,219                         | 47,052                         | 57,776                         | 68,994                           | 2,749                          | 62,488.03                      | 79,017.84                      |
| Repairs & Maintenance                                               | \$ 4,474,883                     | \$ 4,275,104                     | \$ 5,774,315                            | \$ 8,819,285                     | \$ 1,091,002                   | \$ 1,946,382                   | \$ 4,682,755                   | \$ 9,076,188                     | \$ 721,323                     | \$ 1,381,320                   | \$ 5,131,459                   | \$ 8,790,610                     | \$ 2,124,158                   | \$ 2,855,036                   | \$ 7,091,978                   | \$ 11,428,042                    | \$ 1,904,406                   | \$ 5,213,705                   | \$ 8,568,904                   |

| Pittsburgh Water & Sewer Authority<br>Operating Expenses by Account |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
|---------------------------------------------------------------------|----|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
|                                                                     |    | HTY             |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
|                                                                     |    | 12 Months Ended | 12 Months Ended | 12 Months Ended | 12 Months Ended | 3 Months Ended | 6 Months Ended | 9 Months Ended | 12 Months Ended | 3 Months Ended | 6 Months Ended | 9 Months Ended | 12 Months Ended | 3 Months Ended | 6 Months Ended | 9 Months Ended | 12 Months Ended | 3 Months Ended | 6 Months Ended |
| Direct Operating Expenses                                           |    | 12/31/2015      | 12/31/2016      | 12/31/2017      | 12/31/2018      | 3/31/2019      | 6/30/2019      | 9/30/2019      | 12/31/2019      | 3/31/2020      | 6/30/2020      | 9/30/2020      | 12/31/2020      | 3/31/2021      | 6/30/2021      | 9/30/2021      | 12/31/2021      | 3/31/2022      | 6/30/2022      |
|                                                                     |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| Misc. Operating                                                     |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| 5570 Testing Misc                                                   |    | 89,803          | 187,347         | 847,210         | 805,853         | 146,273        | 253,195        | 812,047        | 1,025,998       | 177,022        | 318,868        | 528,082        | 448,212         | 94,034         | 389,313        | 480,391        | 627,450         | 77,623         | 177,646.68     |
| Misc. Operating                                                     | \$ | 89,803          | \$ 187,347      | \$ 847,210      | \$ 805,853      | \$ 146,273     | \$ 253,195     | \$ 812,047     | \$ 1,025,998    | \$ 177,022     | \$ 318,868     | \$ 528,082     | \$ 448,212      | \$ 94,034      | \$ 389,313     | \$ 480,391     | \$ 627,450      | \$ 77,623      | \$ 177,647     |
| Inventory - Castings                                                |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| 6015 Casting Manhole.CBasin                                         |    | 12,812          | 133,256         | 107,127         | 27,186          | -              | 167,936        | 137,892        | 151,212         | 6,886          | 8,509          | 30,208         | 33,882          | 407            | 15,200         | 29,482         | 35,438          | 2,328          | 6,138.73       |
| 6025 Casting Risers.Lids                                            |    | 49,798          | -               | -               | -               | -              | 6,716          | 6,716          | 15,707          | 1,153          | (1,824)        | 3,164          | 8,481           | 315            | 23,112         | 71,951         | 78,996          | 10,908         | 27,708.74      |
| 6035 Casting Sewer Inlet                                            |    | -               | 8,443           | 3,273           | 490             | -              | -              | -              | 3,220           | 7,276          | 8,169          | 15,068         | 15,068          | -              | 1,798          | 12,352         | 18,700          | -              | 2,374.58       |
| 6060 Casting Water Valve Box                                        |    | -               | -               | 39,613          | -               | -              | -              | 122            | 49,426          | 16,043         | 42,472         | 114,844        | 130,605         | 12,594         | 111,130        | 219,244        | 304,884         | 18,626         | 66,202.14      |
| Inventory - Castings                                                | \$ | 62,610          | \$ 141,699      | \$ 150,013      | \$ 27,675       | \$ -           | \$ 174,652     | \$ 144,730     | \$ 219,564      | \$ 31,359      | \$ 57,327      | \$ 163,285     | \$ 188,036      | \$ 13,316      | \$ 151,240     | \$ 333,029     | \$ 438,019      | \$ 31,862      | \$ 102,424     |
| Inventory - Clarifier                                               |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| 6115 Clarifier Part Floc                                            |    | -               | -               | -               | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| 6120 Clarifier Part Screw                                           |    | -               | -               | -               | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| 6125 Clarifier Part Sludge                                          |    | -               | -               | 19,987          | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| Inventory - Clarifier                                               | \$ | -               | \$ -            | \$ 19,987       | \$ -            | \$ -           | \$ -           | \$ -           | \$ -            | \$ -           | \$ -           | \$ -           | \$ -            | \$ -           | \$ -           | \$ -           | \$ -            | \$ -           | \$ -           |
| Inventory - Equipment                                               |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| 6200 Inventory-Equip                                                |    | -               | -               | -               | 2               | -              | -              | -              | 2               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| 6220 Fire Extinguishers                                             |    | 542             | -               | -               | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| 6245 Materials.Handling                                             |    | 22,010          | 40              | -               | -               | -              | -              | -              | -               | -              | 1,155          | 1,155          | 2,475           | 3,960          | 3,960          | 3,960          | 3,960           | -              | -              |
| 6260 Safety Equipment                                               |    | 24,628          | 33,800          | 40,994          | 71,687          | 12,212         | 34,741         | 73,267         | 122,056         | 11,579         | 34,974         | 44,659         | 62,634          | 21,173         | 38,946         | 41,389         | 71,621          | 17,949         | 22,519.00      |
| 6280 Vacuum Chlorinators                                            |    | -               | -               | -               | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| Inventory - Equipment                                               | \$ | 47,180          | \$ 33,840       | \$ 40,994       | \$ 71,689       | \$ 12,212      | \$ 34,741      | \$ 73,267      | \$ 122,057      | \$ 11,579      | \$ 36,129      | \$ 45,814      | \$ 65,109       | (25,133)       | (42,906)       | (45,349)       | (75,581)        | (17,949)       | (22,519)       |
| Inventory - Hardware                                                |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| 6300 Inventory-Hardware                                             |    | 39,753          | 31,345          | 15,449          | 15,054          | 2,262          | 6,058          | 12,798         | 26,108          | 2,389          | 5,200          | 7,579          | 11,554          | 1,682          | 6,518          | 9,144          | 15,636          | 4,319          | 6,277.09       |
| 6315 Fittings                                                       |    | 296,117         | 172,216         | 203,114         | 286,547         | 72,322         | 265,674        | 407,209        | 511,380         | 28,462         | 50,341         | 84,038         | 135,925         | 42,201         | 69,249         | 122,822        | 200,645         | 45,762         | 86,037.26      |
| 6320 Hardware Other                                                 |    | 17,398          | 307             | 1,793           | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| 6325 Hose.Fitting                                                   |    | 3,300           | 14,056          | 17,854          | 18,308          | 2,355          | 6,138          | 14,237         | 20,070          | 2,238          | 4,257          | 6,476          | 8,331           | 3,340          | 4,237          | 5,994          | 12,035          | 5,871          | 6,310.61       |
| 6330 Keys & Locks                                                   |    | -               | -               | -               | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| 6335 Lights                                                         |    | 983             | 1,363           | 1,587           | 33,848          | 584            | 1,945          | 7,025          | 9,278           | 481            | 794            | 2,632          | 4,180           | 847            | 3,167          | 3,452          | 9,895           | 815            | 1,001.54       |
| 6340 Machinery Misc                                                 |    | -               | -               | 490             | -               | -              | -              | -              | -               | 3,180          | 8,950          | 8,950          | 10,015          | 8,475          | 8,475          | 8,475          | 13,514          | -              | (4,771.02)     |
| 6345 Meters                                                         |    | 244,179         | 1,578           | 300,155         | 516,097         | 4,769          | 37,727         | 39,619         | 39,919          | 2,292          | 4,390          | 6,061          | 10,825          | 7,347          | 7,729          | 8,323          | 10,683          | 254            | 5,659.40       |
| 6350 Plumbing Inv Exp                                               |    | 18,897          | 39,288          | 97,393          | 45,848          | 5,008          | 52,520         | 90,289         | 95,194          | 1,836          | 5,725          | 9,090          | 10,945          | 3,852          | 6,795          | 15,139         | 22,634          | 3,570          | 3,895.23       |
| 6355 Power Tool Inv Exp                                             |    | 1,927           | 3,431           | 1,722           | 1,320           | -              | -              | -              | -               | 1,934          | 5,569          | 5,569          | 9,265           | 1,610          | 5,752          | 6,531          | 13,646          | 1,494          | 2,909.64       |
| 6360 Tools Inv Exp                                                  |    | 63,247          | 57,914          | 75,078          | 108,192         | 19,792         | 80,903         | 124,855        | 185,629         | 27,972         | 52,077         | 90,493         | 125,316         | 43,471         | 73,089         | 97,929         | 148,504         | 29,218         | 44,714.31      |
| 6365 Hand Tools Inv Exp                                             |    | -               | -               | 3,461           | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              | -              | -               | -              | -              |
| Inventory - Hardware                                                | \$ | 685,803         | \$ 321,497      | \$ 718,096      | \$ 1,025,215    | \$ 107,092     | \$ 450,964     | \$ 696,033     | \$ 887,578      | \$ 70,784      | \$ 137,303     | \$ 220,888     | \$ 326,356      | \$ 112,826     | \$ 185,010     | \$ 277,810     | \$ 447,193      | \$ 91,303      | \$ 152,034     |
| Inventory - Heavy Equipment                                         |    |                 |                 |                 |                 |                |                |                |                 |                |                |                |                 |                |                |                |                 |                |                |
| 6420 Backhoe                                                        |    | 1,796           | 1,242           | 1,393           | 1,217           | (627)          | 218            | 585            | 3,861           | -              | -              | -              | 556             | -              | 789            | 789            | 789             | -              | -              |
| Inventory - Heavy Equipment                                         | \$ | 1,796           | \$ 1,242        | \$ 1,393        | \$ 1,217        | \$ (627)       | \$ 218         | \$ 585         | \$ 3,861        | \$ -           | \$ -           | \$ -           | \$ 556          | \$ -           | \$ 789         | \$ 789         | \$ 789          | \$ -           | \$ -           |

Pittsburgh Water & Sewer Authority  
Operating Expenses by Account

|                                 | HTY                              |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|
|                                 | 12 Months<br>Ended<br>12/31/2015 | 12 Months<br>Ended<br>12/31/2016 | 12 Months<br>Ended<br>12/31/2017 | 12 Months<br>Ended<br>12/31/2018 | 3 Months<br>Ended<br>3/31/2019 | 6 Months<br>Ended<br>6/30/2019 | 9 Months<br>Ended<br>9/30/2019 | 12 Months<br>Ended<br>12/31/2019 | 3 Months<br>Ended<br>3/31/2020 | 6 Months<br>Ended<br>6/30/2020 | 9 Months<br>Ended<br>9/30/2020 | 12 Months<br>Ended<br>12/31/2020 | 3 Months<br>Ended<br>3/31/2021 | 6 Months<br>Ended<br>6/30/2021 | 9 Months<br>Ended<br>9/30/2021 | 12 Months<br>Ended<br>12/31/2021 | 3 Months<br>Ended<br>3/31/2022 | 6 Months<br>Ended<br>6/30/2022 | 9 Months<br>Ended<br>9/30/2022 |
| Direct Operating Expenses       |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| Inventory - Miscellaneous       |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 6500 Inventory-Misc             | 41,546                           | 35,584                           | 48,866                           | 43,346                           | 1,523                          | 7,972                          | 28,568                         | 29,421                           | 4,756                          | 11,603                         | 15,033                         | 18,516                           | 6,427                          | 18,230                         | 57,842                         | 121,075                          | 3,633                          | 11,755.70                      | 14,746.08                      |
| 6506 Batteries                  | -                                | -                                | -                                | -                                | -                              | -                              | 59                             | 210                              | -                              | 64                             | 64                             | 596                              | -                              | -                              | -                              | 216                              | 247                            | 488.40                         | 545.28                         |
| 6515 Cleaning                   | 50,397                           | 39,659                           | 42,649                           | 45,162                           | 6,992                          | 34,830                         | 41,905                         | 59,968                           | 1,088                          | 4,905                          | 7,314                          | 14,283                           | 1,241                          | 3,723                          | 4,061                          | 6,319                            | 2,238                          | 4,268.71                       | 5,306.81                       |
| 6518 Concrete Accessories       | -                                | -                                | 80                               | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6520 Copier Paper               | 366                              | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6525 Filters                    | -                                | -                                | 1,308                            | -                                | -                              | -                              | -                              | 193                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6526 Filters HVAC               | -                                | -                                | 939                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6530 FirstAid                   | 1,296                            | 1,960                            | 26                               | (1,101)                          | 77                             | 7,931                          | 8,185                          | 14,526                           | -                              | 140                            | 161                            | 1,883                            | 16                             | 470                            | 470                            | 470                              | 501                            | 500.88                         | 500.88                         |
| 6540 Lamps                      | -                                | -                                | 2,477                            | 118                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6544 Lubricating Oil            | 12,878                           | 13,110                           | 8,169                            | 4,371                            | 3,385                          | 7,249                          | 12,900                         | 20,102                           | 1,721                          | 2,674                          | 3,418                          | 10,676                           | 424                            | 5,270                          | 5,378                          | 8,901                            | 534                            | 912.27                         | 1,365.12                       |
| 6548 Paint Oils Putty Glass     | 6,620                            | 3,942                            | 7,466                            | 7,455                            | 2,188                          | 5,931                          | 8,505                          | 11,533                           | 993                            | 2,820                          | 3,426                          | 4,818                            | 259                            | 3,237                          | 5,382                          | 8,431                            | 623                            | 742.36                         | 1,625.12                       |
| 6552 Paper Products             | -                                | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6555 Pump Oil                   | 120                              | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6565 Sewer Matls.Supplies       | 3,381                            | 3,187                            | 249                              | 3,208                            | (72)                           | 1,025                          | 1,572                          | 1,594                            | -                              | -                              | -                              | 143                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6570 Testing Dyes               | -                                | -                                | -                                | -                                | -                              | -                              | -                              | 2,023                            | 421                            | 893                            | 3,122                          | 5,364                            | 5,036                          | 8,104                          | 8,104                          | 8,104                            | 1,741                          | 1,740.80                       | 3,645.44                       |
| 6580 Vehicle Oil                | 5,116                            | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | 681                            | 681                            | 1,588                            | -                              | 1,021                          | 1,942                          | 1,942                            | -                              | -                              | -                              |
| 6585 Welding Supplies-Inventory | 336                              | 98                               | 15,339                           | (117)                            | 107                            | 113                            | 507                            | 562                              | -                              | -                              | 9                              | -                                | -                              | 1                              | 1                              | 1                                | -                              | -                              | -                              |
| Inventory - Miscellaneous       | \$ 122,055                       | \$ 97,540                        | \$ 127,568                       | \$ 102,443                       | \$ 14,200                      | \$ 65,051                      | \$ 102,201                     | \$ 140,133                       | \$ 8,979                       | \$ 23,778                      | \$ 33,227                      | \$ 57,866                        | \$ 13,404                      | \$ 40,056                      | \$ 83,181                      | \$ 155,459                       | \$ 9,515                       | \$ 20,409                      | \$ 27,735                      |
| Inventory - Parts               |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 6645 Parts Other                | 192,023                          | 165,630                          | 160,899                          | 152,786                          | 13,005                         | 56,666                         | 96,460                         | 136,633                          | 9,701                          | 16,009                         | 26,888                         | 36,631                           | 16,772                         | 69,123                         | 79,031                         | 111,017                          | 5,350                          | 11,108.62                      | 29,385.74                      |
| 6680 Yard                       | -                                | -                                | -                                | -                                | -                              | -                              | 950                            | 33,567                           | 18,038                         | 69,478                         | 112,291                        | 136,439                          | 36,735                         | 102,070                        | 122,181                        | 258,300                          | 40,813                         | 82,705.86                      | 105,087.33                     |
| Inventory - Parts               | \$ 192,023                       | \$ 165,630                       | \$ 160,899                       | \$ 152,786                       | \$ 13,005                      | \$ 56,666                      | \$ 97,410                      | \$ 170,199                       | \$ 27,740                      | \$ 85,488                      | \$ 139,179                     | \$ 173,070                       | \$ 53,506                      | \$ 171,193                     | \$ 201,212                     | \$ 369,316                       | \$ 46,163                      | \$ 93,814                      | \$ 134,473                     |
| Inventory - Pipe                |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 6705 Pipe                       | 96,194                           | 131                              | 1,589                            | (6,767)                          | 7                              | 1,263                          | 1,429                          | 1,904                            | 1,375                          | 1,380                          | 4,452                          | 4,452                            | 937                            | 937                            | 1,855                          | 1,855                            | -                              | -                              | 85,770                         |
| 6710 Pipe Ductile               | 13,496                           | 55,806                           | 56,321                           | 26,524                           | 5,080                          | 60,604                         | 103,069                        | 237,227                          | 109,348                        | 217,130                        | 389,176                        | 523,557                          | 167,946                        | 237,509                        | 322,829                        | 532,629                          | 237,387                        | 375,574.14                     | 440,996.43                     |
| 6755 Pipe Plastic               | 1,177                            | -                                | -                                | -                                | -                              | -                              | -                              | 21                               | 72                             | 2,609                          | 2,796                          | 2,909                            | 54                             | 1,856                          | 1,994                          | 2,047                            | 2,543                          | 3,803.69                       | 6,184.74                       |
| 6765 Pipe Service Line          | -                                | -                                | -                                | -                                | 1,773                          | 4,236                          | 5,573                          | 8,175                            | 3,774                          | 5,070                          | 8,611                          | 10,934                           | 1,150                          | 3,996                          | 7,764                          | 14,081                           | 3,025                          | 5,472.70                       | 7,900.90                       |
| Inventory - Pipe                | \$ 110,866                       | \$ 55,938                        | \$ 57,910                        | \$ 19,758                        | \$ 6,860                       | \$ 66,103                      | \$ 110,071                     | \$ 247,327                       | \$ 114,570                     | \$ 226,188                     | \$ 405,035                     | \$ 541,853                       | \$ 170,087                     | \$ 244,297                     | \$ 334,442                     | \$ 550,611                       | \$ 242,955                     | \$ 384,851                     | \$ 540,853                     |
| Inventory - Valves              |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 6805 Valves <12in               | -                                | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6810 Valves >16in               | -                                | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6820 Valves GA                  | -                                | -                                | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 6825 Valves Misc                | 161,925                          | 91,230                           | 148,286                          | 81,812                           | (420)                          | 128,469                        | 215,086                        | 258,003                          | 24,051                         | 46,611                         | 57,819                         | 96,029                           | 30,028                         | 50,887                         | 74,852                         | 135,740                          | 67,424                         | 107,180                        | 247,509                        |
| Inventory - Valves              | \$ 161,925                       | \$ 91,230                        | \$ 148,286                       | \$ 81,812                        | \$ (420)                       | \$ 128,469                     | \$ 215,086                     | \$ 258,003                       | \$ 24,051                      | \$ 46,611                      | \$ 57,819                      | \$ 96,029                        | \$ 30,028                      | \$ 50,887                      | \$ 74,852                      | \$ 135,740                       | \$ 67,424                      | \$ 107,180                     | \$ 247,509                     |
| INVENTORY TOTAL                 | \$ 1,384,257                     | \$ 908,616                       | \$ 1,425,146                     | \$ 1,482,595                     | \$ 152,322                     | \$ 976,865                     | \$ 1,439,383                   | \$ 2,048,723                     | \$ 289,062                     | \$ 612,824                     | \$ 1,065,248                   | \$ 1,448,874                     | \$ 418,299                     | \$ 886,379                     | \$ 1,350,664                   | \$ 2,172,709                     | \$ 507,170                     | \$ 883,232                     | \$ 1,579,730                   |
| DIRECT OPERATING TOTAL          | \$ 38,318,237                    | \$ 41,709,993                    | \$ 46,070,588                    | \$ 55,691,324                    | \$ 14,999,498                  | \$ 29,431,237                  | \$ 47,146,273                  | \$ 69,420,153                    | \$ 12,943,386                  | \$ 27,304,663                  | \$ 46,722,179                  | \$ 68,502,513                    | \$ 21,823,918                  | \$ 40,681,770                  | \$ 59,119,975                  | \$ 88,184,265                    | \$ 18,555,805                  | \$ 43,421,214                  | \$ 63,569,045                  |
| Fees                            |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7003 Bank Fees                  | 172,412                          | 252,616                          | 289,314                          | 278,243                          | 60,590                         | 134,074                        | 197,907                        | 263,420                          | 50,987                         | 123,641                        | 197,032                        | 269,922                          | 72,089                         | 143,450                        | 215,139                        | 284,867                          | 70,279                         | 165,578.73                     | 255,409.90                     |
| 7005 Certification Fees         | 2,999                            | 2,600                            | 11,423                           | 3,319                            | 144                            | 144                            | 709                            | 2,718                            | 70                             | 70                             | 1,548                          | 2,759                            | 2,200                          | 2,325                          | 3,114                          | 3,984                            | 703                            | 1,483.72                       | 1,983.72                       |
| 7010 Membership Fees            | 34,276                           | 31,502                           | 40,483                           | 35,381                           | 44,833                         | 49,401                         | 52,647                         | 68,104                           | 42,668                         | 66,456                         | 76,416                         | 98,652                           | 8,828                          | 30,312                         | 60,374                         | 90,456                           | 29,164                         | 82,575.00                      | 91,575.00                      |
| 7015 Permits                    | 13,641                           | 6,009                            | 7,165                            | 24,134                           | 9,696                          | 50,824                         | 53,894                         | 57,827                           | 48,820                         | 48,820                         | 49,920                         | 757,270                          | 53,450                         | 414,557                        | 441,954                        | 2,399,202                        | 59,738                         | 314,509.31                     | 311,062.90                     |
| 7020 Registration Fees          | 1,828                            | 2,874                            | 1,150                            | 41                               | -                              | 208                            | 408                            | 934                              | 1,520                          | 1,520                          | 1,587                          | 1,587                            | 50                             | 100,050                        | 103,136                        | 103,213                          | 2,557                          | 3,356.66                       | 9,073.32                       |
| 7030 Licenses                   | -                                | -                                | -                                | 532                              | -                              | -                              | -                              | -                                | 825                            | 825                            | 825                            | 825                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7035 Customer CC Fees           | 169,648                          | 180,363                          | 240,363                          | 424,117                          | 122,723                        | 181,409                        | 402,576                        | 543,823                          | 137,488                        | 263,702                        | 387,442                        | 518,324                          | 130,783                        | 227,318                        | 327,550                        | 432,702                          | 110,091                        | 223,248.63                     | 328,421.99                     |
| Total Fees                      | \$ 394,804                       | \$ 475,964                       | \$ 589,898                       | \$ 765,767                       | \$ 237,985                     | \$ 416,060                     | \$ 708,141                     | \$ 936,827                       | \$ 282,378                     | \$ 505,034                     | \$ 714,770                     | \$ 1,649,339                     | \$ 267,401                     | \$ 918,013                     | \$ 1,151,267                   | \$ 3,314,425                     | \$ 272,531                     | \$ 790,752                     | \$ 997,527                     |
| Freight and Postage             |                                  |                                  |                                  |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7105 Freight-Hauling            | 50                               | 79                               | -                                | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7110 Freight                    | 15,264                           | 19,506                           | 29,611                           | 50,990                           | 23,012                         | 33,894                         | 48,977                         | 63,490                           | 16,566                         | 21,866                         | 29,508                         | 40,208                           | 7,274                          | 11,373                         | 22,382                         | 23,480                           | 2,660                          | 3,379.76                       | 3,841.51                       |
| 7115 Postage                    | 682,266                          | 407,748                          | 455,890                          | 508,325                          | 161,675                        | 306,670                        | 468,909                        | 731,843                          | 4,121                          | 104,121                        | 220,321                        | 330,345                          | 83,568                         | 196,817                        | 301,596                        | 414,313                          | 145,835                        | 212,244.94                     | 355,147.19                     |
| Total Freight and Postage       | \$ 697,580                       | \$ 427,333                       | \$ 485,501                       | \$ 559,315                       | \$ 184,686                     | \$ 340,564                     | \$ 517,885                     | \$ 795,333                       | \$ 20,687                      | \$ 125,987                     | \$ 249,829                     | \$ 370,553                       | \$ 90,842                      | \$ 208,191                     | \$ 323,978                     | \$ 437,793                       | \$ 148,495                     | \$ 215,625                     | \$ 358,989                     |

| Pittsburgh Water & Sewer Authority<br>Operating Expenses by Account |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
|---------------------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Direct Operating Expenses                                           | 12 Months<br>Ended<br>12/31/2015 | 12 Months<br>Ended<br>12/31/2016 | HTY<br>12 Months<br>Ended<br>12/31/2017 | 12 Months<br>Ended<br>12/31/2018 | 3 Months<br>Ended<br>3/31/2019 | 6 Months<br>Ended<br>6/30/2019 | 9 Months<br>Ended<br>9/30/2019 | 12 Months<br>Ended<br>12/31/2019 | 3 Months<br>Ended<br>3/31/2020 | 6 Months<br>Ended<br>6/30/2020 | 9 Months<br>Ended<br>9/30/2020 | 12 Months<br>Ended<br>12/31/2020 | 3 Months<br>Ended<br>3/31/2021 | 6 Months<br>Ended<br>6/30/2021 | 9 Months<br>Ended<br>9/30/2021 | 12 Months<br>Ended<br>12/31/2021 | 3 Months<br>Ended<br>3/31/2022 | 6 Months<br>Ended<br>6/30/2022 | 9 Months<br>Ended<br>9/30/2022 |
| Leases & Rents                                                      |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7210 Copier.Fax Machine                                             | 73,208                           | 75,671                           | 80,279                                  | 77,013                           | 27,550                         | 49,553                         | 64,219                         | 93,709                           | 13,742                         | 36,044                         | 64,282                         | 84,898                           | 20,256                         | 35,262                         | 63,486                         | 85,132                           | 21,073                         | 31,291.17                      | 46,234.61                      |
| 7215 Equip Rental                                                   | 44,883                           | 141,553                          | 181,748                                 | 803,705                          | 43,265                         | 88,440                         | 144,015                        | 238,376                          | 52,224                         | 84,504                         | 133,311                        | 191,672                          | 22,844                         | 47,029                         | 77,447                         | 93,343                           | 8,434                          | 46,597.69                      | 79,091.86                      |
| 7255 Office Rent                                                    | 654,635                          | 653,311                          | 682,316                                 | 707,415                          | 358,786                        | 571,301                        | 775,921                        | 912,335                          | 357,749                        | 571,542                        | 779,838                        | 971,698                          | 299,959                        | 508,433                        | 725,205                        | 866,472                          | 337,653                        | 555,293.85                     | 767,165.80                     |
| 7260 Parking Lease                                                  | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7265 RadioLease(City)                                               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| Total Leases & Rents                                                | \$ 772,726                       | \$ 870,535                       | \$ 944,343                              | \$ 1,588,133                     | \$ 429,601                     | \$ 709,295                     | \$ 984,156                     | \$ 1,244,419                     | \$ 423,714                     | \$ 692,090                     | \$ 977,432                     | \$ 1,248,268                     | \$ 343,059                     | \$ 590,724                     | \$ 866,139                     | \$ 1,044,947                     | \$ 367,159                     | \$ 633,183                     | \$ 892,492                     |
| Professional Services                                               |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7305 Advertising                                                    | 8,709                            | 21,137                           | 29,088                                  | 28,962                           | 12,136                         | 27,768                         | 37,389                         | 45,975                           | 5,134                          | 6,051                          | 9,900                          | 13,754                           | 4,445                          | 13,997                         | 15,679                         | 18,618                           | 3,029                          | 10,590.56                      | 11,664.06                      |
| 7306 Annual Report                                                  | 942                              | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7307 Advertising - Marketing                                        | 115,910                          | 148,516                          | 18,465                                  | 29,427                           | 4,684                          | 5,068                          | 5,068                          | 5,068                            | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7310 Annual Audit                                                   | 87,390                           | 48,670                           | 59,170                                  | 64,308                           | 42,000                         | 49,683                         | 49,683                         | 49,683                           | 46,000                         | 48,613                         | 48,613                         | 48,613                           | 37,500                         | 50,198                         | 50,198                         | 50,198                           | 37,500                         | 53,632.37                      | 53,632.37                      |
| 7315 Billing Contract                                               | 291,961                          | 511,118                          | 486,391                                 | 832,775                          | 119,341                        | 218,794                        | 362,682                        | 470,173                          | 118,429                        | 237,814                        | 315,517                        | 408,853                          | 73,941                         | 148,020                        | 197,511                        | 253,616                          | 77,967                         | 167,089.16                     | 236,339.96                     |
| 7321 Collection Agency                                              | 13,741                           | 24,895                           | 44,313                                  | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7323 Consultants                                                    | 3,122,437                        | 1,109,115                        | 1,087,403                               | 1,161,923                        | 150,431                        | 255,110                        | 299,885                        | 502,507                          | 374,937                        | 802,018                        | 1,500,965                      | 2,298,014                        | 549,474                        | 1,110,999                      | 1,516,424                      | 1,966,571                        | 826,800                        | 2,557,245.00                   | 4,113,715.10                   |
| 7325 Consumer Confidence Rpt                                        | 4,549                            | 1,481                            | -                                       | 1,707                            | -                              | -                              | 2,171                          | 2,171                            | -                              | 1,476                          | 1,476                          | 1,476                            | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7328 Contingencies                                                  | 433,435                          | 24,287                           | 22,111                                  | 11,766                           | -                              | -                              | 148,800                        | 148,800                          | 109,785                        | 109,785                        | 134,585                        | 134,585                          | 24,800                         | 24,800                         | 49,600                         | 49,600                           | -                              | -                              | -                              |
| 7330 Construction Management                                        | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7332 Consulting Engineers                                           | -                                | -                                | 238,347                                 | 147,182                          | -                              | 15,472                         | 15,472                         | 26,831                           | 10,366                         | 10,366                         | 10,366                         | 69,487                           | -                              | -                              | -                              | 124,419                          | -                              | 3,282.81                       | 11,126.32                      |
| 7335 Non Capital Engineering Services                               | 368,053                          | 4,506,051                        | 7,314,114                               | 3,583,069                        | 292,303                        | 891,047                        | 1,660,154                      | 5,264,191                        | 1,228,844                      | 2,137,812                      | 2,828,884                      | 3,565,869                        | 480,595                        | 900,696                        | 1,473,239                      | 2,451,037                        | 535,477                        | 1,102,604.00                   | 1,556,886.49                   |
| 7345 Ins.Auto                                                       | 59,763                           | 145,925                          | 169,393                                 | 29,307                           | 73,057                         | 73,057                         | 73,057                         | 74,044                           | 128,253                        | 128,253                        | 128,253                        | 128,253                          | 46,639                         | 46,639                         | 47,383                         | 48,707                           | 68,166                         | 68,166.00                      | 68,166.00                      |
| 7348 Ins.Commercial Prop                                            | 262,011                          | 162,871                          | 210,767                                 | 215,532                          | 226,172                        | 226,172                        | 226,172                        | 226,172                          | 255,350                        | 255,350                        | 255,350                        | 255,350                          | 241,203                        | 241,203                        | 241,203                        | 241,203                          | 286,159                        | 286,159.00                     | 286,159.00                     |
| 7353 Ins.Gen Liability                                              | 4,786                            | 5,018                            | 5,308                                   | 20,798                           | 21,637                         | 21,637                         | 21,637                         | 21,637                           | 22,500                         | 22,500                         | 22,500                         | 22,500                           | 24,421                         | 24,421                         | 26,495                         | 26,495                           | 77,234                         | 77,234.00                      | 77,234.00                      |
| 7359 Ins.Officers.Director                                          | 62,166                           | 14,710                           | 63,812                                  | 74,349                           | 74,528                         | 74,528                         | 74,528                         | 74,528                           | 77,306                         | 77,306                         | 77,306                         | 77,306                           | 117,308                        | 117,308                        | 117,308                        | 117,308                          | 140,923                        | 140,923.00                     | 140,923.00                     |
| 7365 Ins.WorkersComp                                                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | 444,043                        | 444,043                        | 444,043                        | 480,217                          | 425,469                        | 425,469                        | 425,469                        | 425,469                          | 447,152                        | 447,152.00                     | 447,152.00                     |
| 7366 Ins.WorkersComp.City                                           | 42,420                           | 40,025                           | 18,120                                  | 33,352                           | 7,697                          | 17,959                         | 25,656                         | 33,352                           | 7,697                          | 17,959                         | 25,656                         | 33,352                           | 8,400                          | 8,400                          | 14,346                         | 28,219                           | 7,928                          | 11,814.82                      | 11,814.82                      |
| 7368 Insurance Cyber                                                | 45,022                           | 54,300                           | 44,508                                  | 66,656                           | 12,417                         | 24,763                         | 38,972                         | 53,334                           | 618                            | 618                            | 1,070                          | 1,568                            | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7370 Legal Services                                                 | 1,176,688                        | 1,713,491                        | 1,838,942                               | 2,894,513                        | 591,346                        | 981,694                        | 1,851,338                      | 2,388,647                        | 559,812                        | 1,478,010                      | 2,040,834                      | 2,620,392                        | 685,713                        | 1,615,376                      | 2,431,024                      | 3,304,993                        | 560,629                        | 1,093,433.50                   | 1,651,081.58                   |
| 7371 Legal Self Ins                                                 | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7373 Minority.Women Bus Enter                                       | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7375 Meter Services                                                 | 715,747                          | 754,539                          | 910,908                                 | 879,344                          | 303,497                        | 465,245                        | 739,190                        | 864,422                          | 301,572                        | 517,235                        | 680,981                        | 788,812                          | 359,680                        | 521,428                        | 683,175                        | 844,923                          | 287,411                        | 449,158.52                     | 556,990.16                     |
| 7382 Payroll Services                                               | 55,825                           | 59,103                           | 54,044                                  | 72,899                           | 16,690                         | 33,522                         | 54,024                         | 70,633                           | 21,745                         | 73,148                         | 93,030                         | 125,460                          | 32,725                         | 69,462                         | 95,977                         | 123,422                          | 38,969                         | 73,489.78                      | 104,502.36                     |
| 7383 Miscellaneous Professional Services                            | 1,421,634                        | 1,609,538                        | 1,427,969                               | 5,307,167                        | 633,128                        | 1,957,919                      | 4,300,614                      | 6,083,922                        | 760,474                        | 2,043,525                      | 4,240,404                      | 6,143,089                        | 1,192,093                      | 2,589,637                      | 4,631,914                      | 5,844,559                        | 895,009                        | 1,565,097.07                   | 2,161,005.39                   |
| 7389 Trust Admin                                                    | 126,077                          | 106,312                          | 76,940                                  | 71,235                           | 27,690                         | 28,485                         | 30,411                         | 36,490                           | 30,411                         | 36,490                         | 53,285                         | 77,385                           | 12,290                         | 12,290                         | 29,085                         | 76,885                           | 3,890                          | 4,685.00                       | 20,185.00                      |
| 7390 Water Liens                                                    | -                                | -                                | -                                       | -                                | -                              | -                              | 8,000                          | 8,000                            | 30,000                         | 30,000                         | 30,000                         | 30,000                           | 40,000                         | 160,000                        | 260,151                        | 385,217                          | -                              | 114.00                         | 114.00                         |
| Total Professional Services                                         | \$ 8,419,266                     | \$ 11,061,100                    | \$ 14,120,113                           | \$ 15,526,273                    | \$ 2,608,755                   | \$ 5,367,923                   | \$ 10,024,902                  | \$ 16,444,502                    | \$ 4,539,352                   | \$ 8,476,895                   | \$ 12,943,017                  | \$ 17,324,335                    | \$ 4,356,696                   | \$ 8,080,344                   | \$ 12,306,181                  | \$ 16,381,460                    | \$ 4,294,242                   | \$ 8,111,871                   | \$ 11,508,692                  |
| Supplies                                                            |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7405 Computer Software Supplies                                     | 32,426                           | 42,147                           | 53,155                                  | 35,174                           | 3,172                          | 6,130                          | 6,878                          | 11,722                           | 16,665                         | 32,089                         | 47,212                         | 68,804                           | 18,323                         | 35,653                         | 44,643                         | 41,807                           | 3,362                          | 25,227.72                      | 82,734.90                      |
| 7422 Fuel-Gasses                                                    | 1,665                            | 2,079                            | 3,457                                   | 4,845                            | 38,190                         | 51,444                         | 105,303                        | 153,209                          | 36,498                         | 48,826                         | 57,266                         | 351,684                          | 32,960                         | 33,431                         | 65,234                         | 207,784                          | 15,929                         | 236,767.77                     | 396,945.31                     |
| 7423 Fuel Kerosene                                                  | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | 261                              | 1,121                          | 628                            | 628                            | 1,212                            | 644                            | 644                            | 644                            | 644                              | 504                            | 503.58                         | 503.58                         |
| 7424 Fuel Propane                                                   | 4,144                            | 68,705                           | 226,871                                 | 174,824                          | 16,695                         | 17,001                         | 18,496                         | 18,670                           | 143                            | 254                            | 437                            | 1,066                            | 327                            | 776                            | 1,615                          | 1,843                            | 261                            | 762.92                         | 978.08                         |
| 7435 GIS Plotter.Xerox                                              | 2,381                            | 756                              | 855                                     | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7440 Grounds & Maint Supp                                           | -                                | 36,360                           | 38,814                                  | 36,542                           | 43,678                         | 89,909                         | 121,251                        | 189,211                          | 147,570                        | 224,722                        | 323,134                        | 504,239                          | 119,840                        | 237,469                        | 378,640                        | 407,910                          | 112,008                        | 227,452.18                     | 425,403.87                     |
| 7443 ICE                                                            | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7445 Lab Chemicals                                                  | 26,500                           | 25,371                           | 60,981                                  | 4,219                            | 675                            | 5,297                          | 8,021                          | 9,561                            | 546                            | 2,090                          | 2,673                          | 2,673                            | 1,147                          | 1,147                          | 1,900                          | 2,009                            | 1,087                          | 1,087.39                       | 1,185.73                       |
| 7447 Lab Supplies                                                   | 73,478                           | 80,726                           | 20,634                                  | 48,936                           | 20,029                         | 49,119                         | 73,259                         | 122,807                          | 35,325                         | 41,189                         | 55,999                         | 69,045                           | 50,736                         | 66,057                         | 86,905                         | 141,047                          | 38,869                         | 61,612.56                      | 86,776.20                      |
| 7450 Office Supplies                                                | 22,303                           | 22,614                           | 21,289                                  | 37,623                           | 20,287                         | 30,726                         | 47,106                         | 64,263                           | 15,324                         | 27,525                         | 35,722                         | 41,414                           | 11,595                         | 17,113                         | 27,115                         | 37,299                           | 8,662                          | 17,110.47                      | 25,477.36                      |
| 7460 Uniforms                                                       | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | 600.00                         |
| 7490 Welding Supplies                                               | 4,611                            | 7,282                            | 7,646                                   | 17,885                           | 1,254                          | 3,211                          | 13,934                         | 19,397                           | 7,420                          | 10,159                         | 13,359                         | 20,209                           | 793                            | 2,362                          | 2,648                          | 7,340                            | 3,205                          | 7,582.09                       | 13,914.56                      |
| Total Supplies                                                      | \$ 167,507                       | \$ 286,040                       | \$ 433,702                              | \$ 360,047                       | \$ 143,980                     | \$ 252,839                     | \$ 394,249                     | \$ 589,103                       | \$ 260,612                     | \$ 387,483                     | \$ 536,430                     | \$ 1,060,346                     | \$ 236,364                     | \$ 394,652                     | \$ 609,342                     | \$ 847,683                       | \$ 183,887                     | \$ 578,107                     | \$ 1,034,520                   |

Pittsburgh Water & Sewer Authority  
Operating Expenses by Account

|                                        | 12 Months<br>Ended<br>12/31/2015 | 12 Months<br>Ended<br>12/31/2016 | HTY<br>12 Months<br>Ended<br>12/31/2017 | 12 Months<br>Ended<br>12/31/2018 | 3 Months<br>Ended<br>3/31/2019 | 6 Months<br>Ended<br>6/30/2019 | 9 Months<br>Ended<br>9/30/2019 | 12 Months<br>Ended<br>12/31/2019 | 3 Months<br>Ended<br>3/31/2020 | 6 Months<br>Ended<br>6/30/2020 | 9 Months<br>Ended<br>9/30/2020 | 12 Months<br>Ended<br>12/31/2020 | 3 Months<br>Ended<br>3/31/2021 | 6 Months<br>Ended<br>6/30/2021 | 9 Months<br>Ended<br>9/30/2021 | 12 Months<br>Ended<br>12/31/2021 | 3 Months<br>Ended<br>3/31/2022 | 6 Months<br>Ended<br>6/30/2022 | 9 Months<br>Ended<br>9/30/2022 |
|----------------------------------------|----------------------------------|----------------------------------|-----------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Direct Operating Expenses              |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| Travel & Entertainment                 |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7505 TE.Airfare                        | 9,465                            | 7,629                            | 1,084                                   | 6,706                            | -                              | 1,704                          | 11,206                         | 11,968                           | 10,926                         | 10,926                         | 10,926                         | 13,192                           | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7510 TE.Auto Rentals                   | -                                | -                                | -                                       | 197                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7520 TE.Fuel                           | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7540 TE.Lodging                        | 12,649                           | 17,001                           | 11,522                                  | 11,411                           | 188                            | 1,771                          | 10,309                         | 14,151                           | 1,571                          | 1,571                          | 733                            | 5,944                            | -                              | -                              | -                              | -                                | -                              | 115.36                         | 115.36                         |
| 7545 TE.Meals                          | 8,966                            | 9,522                            | 3,375                                   | 4,428                            | 327                            | 624                            | 1,216                          | 4,884                            | 506                            | 506                            | 506                            | 613                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7550 TE.Mileage                        | 3,482                            | 3,151                            | 1,267                                   | 1,440                            | 852                            | 1,104                          | 1,876                          | 2,259                            | 63                             | 63                             | 63                             | 63                               | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7555 TE.SeminarsConferences            | 17,870                           | 16,937                           | 12,053                                  | 12,255                           | 6,222                          | 7,397                          | 17,002                         | 18,457                           | 4,569                          | 1,609                          | 1,609                          | 379                              | -                              | -                              | 680                            | 1,820                            | -                              | 180.00                         | 380.00                         |
| 7560 TE.Training                       | 29,129                           | 54,666                           | 14,942                                  | 25,288                           | 6,944                          | 28,403                         | 36,610                         | 120,554                          | 3,239                          | 4,035                          | 7,835                          | 23,132                           | 8,560                          | 9,760                          | 57,696                         | 95,248                           | 10,816                         | 81,159.44                      | 144,212.02                     |
| 7575 TE.Travel Misc                    | 10,439                           | 35,237                           | 7,986                                   | 20,799                           | 4,086                          | 10,141                         | 16,519                         | 24,324                           | 17,361                         | 20,415                         | 23,644                         | 30,206                           | 3,102                          | 9,843                          | 19,920                         | 34,282                           | 10,575                         | 26,129.81                      | 36,742.47                      |
| 7590 TE.Travel Purch Orders            | 29,149                           | 4,964                            | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| Total Travel & Entertainment           | \$ 121,148                       | \$ 149,106                       | \$ 52,229                               | \$ 82,523                        | \$ 18,619                      | \$ 51,145                      | \$ 94,739                      | \$ 196,597                       | \$ 38,235                      | \$ 39,125                      | \$ 45,316                      | \$ 73,528                        | \$ 11,662                      | \$ 19,603                      | \$ 78,296                      | \$ 131,350                       | \$ 21,392                      | \$ 107,585                     | \$ 181,450                     |
| Utilities                              |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7605 Electric                          | 4,061,572                        | 4,409,946                        | 4,555,391                               | 4,375,877                        | 923,336                        | 1,915,420                      | 2,944,274                      | 3,998,159                        | 1,145,399                      | 2,135,190                      | 3,097,979                      | 3,784,526                        | 1,429,421                      | 2,161,575                      | 3,537,989                      | 4,759,105                        | 1,223,319                      | 2,621,825.79                   | 3,480,273.00                   |
| 7650 Natural Gas                       | 447,035                          | 333,770                          | 410,764                                 | 383,385                          | 180,995                        | 288,758                        | 296,283                        | 367,363                          | 153,313                        | 262,279                        | 266,300                        | 314,785                          | 168,954                        | 281,433                        | 284,621                        | 340,044                          | 166,267                        | 262,691.95                     | 283,186.78                     |
| 7675 SCADA Connectivity                | 71,810                           | 51,326                           | 56,417                                  | 54,631                           | 14,013                         | 22,330                         | 34,515                         | 53,542                           | 27,875                         | 52,985                         | 80,789                         | 110,655                          | 41,625                         | 74,853                         | 127,087                        | 186,385                          | 69,731                         | 148,161.99                     | 222,206.17                     |
| 7680 Cellular Phone                    | 78,054                           | 101,589                          | 157,602                                 | 142,408                          | 56,484                         | 92,450                         | 134,938                        | 190,291                          | 21,409                         | 65,060                         | 107,311                        | 144,037                          | 41,208                         | 77,339                         | 120,719                        | 169,538                          | 51,272                         | 98,094.31                      | 149,490.19                     |
| 7681 Local Phones                      | 336,594                          | 224,626                          | 172,383                                 | 150,377                          | 26,598                         | 81,895                         | 105,192                        | 156,337                          | 37,879                         | 75,131                         | 113,206                        | 151,083                          | 39,256                         | 79,543                         | 122,331                        | 169,432                          | 41,749                         | 84,537.76                      | 125,352.88                     |
| 7682 Long Distance                     | 829                              | 913                              | 847                                     | 869                              | 99                             | 199                            | 347                            | 460                              | 110                            | 182                            | 182                            | 182                              | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7683 Internet                          | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | 10,228                         | 22,212                         | 30,222                         | 39,490                           | 9,934                          | 17,142                         | 25,241                         | 33,928                           | 10,652                         | 18,373.66                      | 28,137.42                      |
| Total Utilities                        | \$ 4,995,893                     | \$ 5,122,171                     | \$ 5,353,404                            | \$ 5,107,547                     | \$ 1,201,524                   | \$ 2,401,052                   | \$ 3,515,549                   | \$ 4,766,152                     | \$ 1,396,213                   | \$ 2,613,038                   | \$ 3,695,988                   | \$ 4,544,758                     | \$ 1,730,398                   | \$ 2,691,885                   | \$ 4,217,988                   | \$ 5,658,432                     | \$ 1,562,991                   | \$ 3,233,685                   | \$ 4,288,646                   |
| Miscellaneous Admin                    |                                  |                                  |                                         |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |                                  |                                |                                |                                |
| 7705 Bad Debt                          | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7710 Capital Asset Reclass             | -                                | -                                | -                                       | (3,150,810)                      | -                              | -                              | -                              | (6,568,443)                      | -                              | -                              | -                              | (5,917,956)                      | -                              | -                              | -                              | (7,169,423)                      | -                              | -                              | -                              |
| 7711 DISC Asset Reclass                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7712 Cash Discount Taken               | (597)                            | (446)                            | (321)                                   | (523)                            | (189)                          | (292)                          | (581)                          | (623)                            | (171)                          | (218)                          | (516)                          | (680)                            | (331)                          | (550)                          | (797)                          | (1,959)                          | (1,097)                        | (1,817.96)                     | (2,236.75)                     |
| 7715 Claims.Deductibles                | 484,941                          | 195,887                          | 229,858                                 | 353,049                          | 270,589                        | 310,846                        | 518,641                        | 587,017                          | 231,293                        | 349,772                        | 537,439                        | 556,304                          | 302,955                        | 371,100                        | 680,082                        | 988,353                          | 135,184                        | 368,851.36                     | 373,663.34                     |
| 7720 Customer Refund.CSM               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | (415,746)                      | (497,572)                        | (93,815)                       | (400,950)                      | (506,212)                      | (600,149)                        | (166,740)                      | (246,868.71)                   | (261,464.52)                   |
| 7721 Customer Refund. AP               | 368,354                          | 290,602                          | 331,386                                 | 881,565                          | 51,422                         | 174,483                        | 365,309                        | 667,728                          | 74,298                         | 290,319                        | 418,473                        | 494,192                          | 111,774                        | 310,901                        | 464,473                        | 497,270                          | 330,766                        | 413,653.62                     | 519,164.34                     |
| 7730 Fines.Penalties                   | 131                              | 359                              | 600,603                                 | 15,372                           | -                              | 20,000                         | 20,000                         | 20,500                           | 9                              | 20,009                         | 22,205                         | 24,455                           | 9,250                          | 12,000                         | 27,274                         | 27,274                           | -                              | 27,526.00                      | 28,026.00                      |
| 7735 LienBuyBkExp                      | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7742 Education & Outreach              | 21,356                           | 119,235                          | 270,044                                 | 50,512                           | 5,252                          | 20,094                         | 26,047                         | 41,116                           | 8,602                          | 38,971                         | 47,437                         | 71,710                           | 31,993                         | 46,387                         | 66,720                         | 74,802                           | 8,521                          | 26,236.39                      | 36,152.78                      |
| 7743 Employee Fund                     | 34,028                           | 19,356                           | 54,722                                  | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7750 Inv.Adjustments                   | -                                | -                                | 224,243                                 | 1,373,808                        | -                              | -                              | -                              | 240,929                          | -                              | -                              | -                              | -                                | -                              | -                              | -                              | 22,478                           | -                              | -                              | -                              |
| 7760 Miscellaneous General Administ    | (4,110)                          | 682                              | 14                                      | 0                                | (0)                            | 0                              | 0                              | 5,847                            | 152                            | 152                            | 194                            | 19,701                           | 19                             | 19                             | 19                             | 19                               | (208)                          | 78,738.81                      | 654,671.01                     |
| 7761 Misc Gen.Admin Exp                | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | 17.15                          |
| 7765 One Call                          | 18,412                           | 17,279                           | 13,589                                  | 14,921                           | 4,674                          | 4,447                          | 13,625                         | 18,195                           | (7,696)                        | (34)                           | 10,113                         | 18,186                           | 4,323                          | 6,605                          | 16,761                         | 25,144                           | 3,836                          | 3,836.43                       | 6,992.95                       |
| 7770 Publication.Subscription          | 5,013                            | 5,711                            | 5,555                                   | 4,288                            | 9,642                          | 10,884                         | 11,784                         | 24,884                           | 4,380                          | 5,965                          | 7,894                          | 14,089                           | 6,807                          | 5,911                          | 7,111                          | 21,036                           | 3,304                          | 8,660.77                       | 9,799.14                       |
| 7787 3rd Pty LW Exp                    | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7789 3rd Pty Sew Trt Exp               | -                                | -                                | -                                       | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| 7799 Grants Awarded by PWSA            | 106,500                          | 151,105                          | 51,504                                  | 95,000                           | -                              | 7,900                          | 24,852                         | 112,352                          | -                              | -                              | -                              | -                                | -                              | -                              | -                              | -                                | -                              | -                              | -                              |
| Total Miscellaneous Admin              | \$ 1,034,029                     | \$ 799,770                       | \$ 1,781,197                            | \$ (362,820)                     | \$ 341,390                     | \$ 548,362                     | \$ 979,675                     | \$ (4,850,498)                   | \$ 310,869                     | \$ 704,937                     | \$ 627,492                     | \$ (5,217,570)                   | \$ 372,974                     | \$ 351,423                     | \$ 755,431                     | \$ (6,115,155)                   | \$ 313,566                     | \$ 678,817                     | \$ 1,364,785                   |
| GRAND TOTAL: DIRECT OPERATING EXPENSES | \$ 54,921,191                    | \$ 60,902,012                    | \$ 69,830,975                           | \$ 79,318,109                    | \$ 20,166,039                  | \$ 39,518,476                  | \$ 64,365,567                  | \$ 89,542,588                    | \$ 20,215,446                  | \$ 40,849,253                  | \$ 66,512,453                  | \$ 89,556,070                    | \$ 29,233,314                  | \$ 53,936,605                  | \$ 79,428,597                  | \$ 109,885,201                   | \$ 25,720,068                  | \$ 57,770,838                  | \$ 84,196,146                  |

## Appendix J- Future Debt

[illegible]



# Pittsburgh Water

## 2025 - 2029 Capital Improvement Plan



Approved On December 20, 2024

# **Table of Contents**

|                                                |    |
|------------------------------------------------|----|
| CEO Message.....                               | 1  |
| Introduction and Overview.....                 | 3  |
| Strategic Plan.....                            | 7  |
| Performance Measures.....                      | 8  |
| Budget Guide.....                              | 13 |
| Capital Improvement Plan Process Overview..... | 16 |
| Capital Improvement Plan Summary.....          | 18 |
| Water Treatment Plant.....                     | 22 |
| Water Pumping and Storage.....                 | 41 |
| Water Distribution.....                        | 54 |
| Wastewater System.....                         | 70 |
| Stormwater.....                                | 80 |
| Glossary of Terms and Acronyms.....            | 96 |

## CEO Message



With lead levels at historic lows, increased investment in our infrastructure, and an organizational culture committed to protecting the health and well-being of the communities we serve, Pittsburgh Water delivers clean, safe, reliable water services to the half-million people we serve every day.

The water services you rely on also bolster the economic activities that support our region. We create meaningful jobs, contract with diverse minority-owned businesses, and are establishing job-shadowing opportunities to build our growing workforce and train the next generation of water professionals.

This budget addresses essential operational needs, continued capital investments and revenues crucial to sustaining and growing our organization.

### **12,000 Lead Service Lines Replaced (and counting)**

Block-by-block, neighborhood-by-neighborhood, we are working steadily towards our goal to remove all lead from our drinking water system at no direct cost to customers. Last year, we removed the 12,000<sup>th</sup> lead service line and we won't stop until we get to every residence.

Our award winning, nationally recognized Community Lead Response prioritizes free lead service line replacements in our most vulnerable communities. Paired with free lead testing, transparent data available on our website, and a Community Lead Response Advisory Committee, Pittsburgh Water is a national leader in lead line removal efforts.

We are well positioned, and ahead of many communities across the country, to meet the requirements of the new Lead and Copper Rule announced by the EPA last October. This includes lowering the lead action level to 10 parts per billion – our lead levels are well below the new action level thanks to the addition of orthophosphate to our treatment process.

### **Serving Current and Future Generations of Customers**

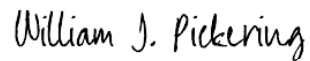
Since 2022, we've made continuous progress on our Water Reliability Plan – our once-in-a-generation set of projects to transform Pittsburgh's water infrastructure. In 2024, we broke ground on the new Highland Reservoir Pump Station. The first new, major building in our service area in 20 years, marks the continuation of a new era of investing in our water infrastructure. This new station will add a redundant supply of drinking water for approximately two-thirds of our drinking water customers and will reduce the likelihood of service interruptions that have led to power outages or boil water advisories in the past.

As the Water Reliability Plan projects are completed, our customers – residents and businesses alike – will experience a more resilient water system and as businesses look to Pittsburgh for opportunities, we can have confidence that our renewed system will support its future economic development.

## **Leveraging State and Federal Funding**

To accelerate these critical projects while reducing the cost to ratepayers, Pittsburgh Water pursues external funding from state and federal sources. Since 2018, we received \$701 million in new low-interest loans and \$99 million in grant funding, helping us stretch ratepayer dollars and keep rates as low as possible. This is especially important considering the investment we're making today will protect water quality and provide reliable services for generations to come.

As a non-profit, publicly owned and operated water authority, every dollar we receive is reinvested back into our water system. At Pittsburgh Water, it's about service, not profit – we don't have shareholders and we don't generate a profit. Our fiscal year 2025 budget reflects our mission to protect public health through the delivery of safe, reliable water services for customers now and in the future.

A handwritten signature in black ink that reads "William J. Pickering". The script is cursive and fluid.

Will Pickering  
CEO Pittsburgh Water

# Introduction and Overview

## Introduction

Pittsburgh Water is a corporate and political entity established under the Act, in accordance with Resolution No. 36 adopted by the Pittsburgh City Council ("**the City**") on February 6, 1984, approved by the Mayor on February 8, 1984, and becoming effective on February 16, 1984. The Secretary of the Commonwealth of Pennsylvania approved Pittsburgh Water's Articles of Incorporation and issued a Certificate of Incorporation on February 17, 1984. Articles of Amendment were approved and a Certificate of Amendment was issued by the Pennsylvania Department of State on December 11, 1989, to include, among authorized projects, low head dams and facilities for generating surplus electric power. Articles of Amendment were approved and a Certificate of Amendment was issued by the Pennsylvania Department of State on May 9, 2008, to extend the term of existence of Pittsburgh Water to May 21, 2045. Articles of Amendment were approved and a Certificate of Amendment was issued by the Pennsylvania Department of State on March 19, 2020, to extend the term of existence of the organization to March 13, 2070 and to include stormwater systems.

Under its Articles of Incorporation, Pittsburgh Water is specifically authorized to acquire, hold, construct, finance improve, maintain, operate, own and lease, either as a lessor or lessee, projects of the following kinds and character: sewers, sewer systems or parts thereof, waterworks, water supply works, water distribution systems, low head dams, facilities for generating surplus power, and stormwater systems.

Pittsburgh Water serves a population of 500,000 through its water, wastewater conveyance, and stormwater services. The system provides water to approximately 84% of the total population in the geographic boundaries of the City and the entire Borough of Millvale. The organization provides wastewater conveyance and stormwater services to the entire City. The system does not include wastewater treatment facilities; such facilities are the responsibility of the Allegheny County Sanitary Authority ("ALCOSAN"), a separate and distinct entity.

Pittsburgh Water operates and maintains 100 million gallon per day (MGD) rapid sand type water treatment plant, approximately 965 miles of water mains, over 32,000 valves and fire hydrants, 1 raw water pump station, 10 finished water pump stations, 4 finished water reservoirs, 1 source water reservoir, 11 storage tanks, approximately 1,242 miles of sanitary, storm, and combined sewers, 30,297 manholes, 24,993 catch basins and inlets, 98 combined sewer overflow outfalls, 3 sanitary sewer overflow structures maintained by Pittsburgh Water, 146 combined sewer overflow outfall structures that are co-permitted with several other authorities, 35 solely owned combined sewer overflow outfall structures, 46 combined sewer overflow outfall structures co-permitted with ALCOSAN, 254 separate storm sewer outfalls in the Municipal Separate Storm Sewer System, and 4 wastewater pump stations.

## Pennsylvania Utility Commission (PUC) Oversight

On December 21, 2017, the Pennsylvania legislature enacted Act 65 of 2017 ("Act 65") placing Pittsburgh Water under the jurisdiction of the Pennsylvania Public Utility Commission ("PUC") pursuant to the Pennsylvania Public Utility Code (the "Public Utility Code"). Act 65 applies most of the provisions of the Public Utility Code to the organization in the same manner as a "public entity", resulting in regulation of the organization's rate making, its operating effectiveness, debt issuances, and other aspects of conducting its business similar to the way the PUC regulates investor-owned utilities. Act 65 includes provisions that allow Pittsburgh Water to impose, charge, or collect rates or charges as necessary to permit the organization to comply with its covenants with holders of any bonds or other financial obligations, and prohibits the PUC from requiring the organization to take any action that would cause the interest of the organization's financial obligations to be included in gross income of the holders of such obligations for federal income tax purposes.

# Mission, Vision, And Core Values

## Mission Statement

To support our region by protecting public health and the environment through the delivery of safe and reliable water services with a commitment to future generations.

## Vision Statement

To transform Pittsburgh's water system while being recognized by our customers as a trusted service provider and a steadfast steward of a vital public asset.

## Core Values

- **Stewardship:** As a public utility, we are responsible for serving as mindful stewards of our water system and continuing to provide essential and dependable water services now and for generations to come. Right now, we're making decisions that will impact Pittsburgh for the next 100 years.
- **Ethics & Integrity:** We act ethically and with integrity in all instances, both as individuals and as an organization. This means modeling honesty, transparency, and professionalism in everything we do.
- **Accountability:** We are all held accountable, both individually in our everyday roles and as one organization. Only by doing what we promised can we rebuild trust with the community.
- **Safety:** We ensure a safe working environment for employees, the safety of our infrastructure assets, and the safety of the millions of gallons of water delivered to customers every day.
- **Equity:** We strive to deliver quality and affordable water services to every community in our service area, and to create a workplace that reflects the diversity of those communities.

## Board Of Directors

**Alex Sciuilli, Chair**

**Erika Strassburger, Vice Chair**

**BJ Leber, Secretary and Treasurer**

**Michael Domach, Assistant Secretary and Treasurer**

**Margaret (Peg) McCormick Barron, Board Member**

**Jamil Bey, Board Member**

## Executive Leadership

**William J. Pickering, Chief Executive Officer**

**Jennifer Presutti, Chief Operating Officer and Chief Financial Officer**

**Frank P. Sidari III, PE, BCEE, Chief Environmental Compliance and Ethics Officer**

**Logan Carmichael, PHR, SHRM-CP, Chief People and Culture Officer**

**Lee Haller, Chief Information and Performance Officer**

**Monica Walaan, Esquire, Chief Legal Officer**

**Rachael Beam, PE, Chief Engineering Officer**

# **Pittsburgh Water Departmental Leadership**

**Edward Barca, CPA, Director of Finance**

**Kevin Pawlos, Deputy Director, Finance**

**Julie Mechling, Director of Customer Service**

**Brittany Schacht, Deputy Director, Customer Service**

**Barry King, PE, PMP, Director of Engineering and Construction**

**Kate Mechler, PE, Director of Engineering and Construction**

**Terri Testa, Director of Human Resources**

**Jason Felser, Director of Technology Services**

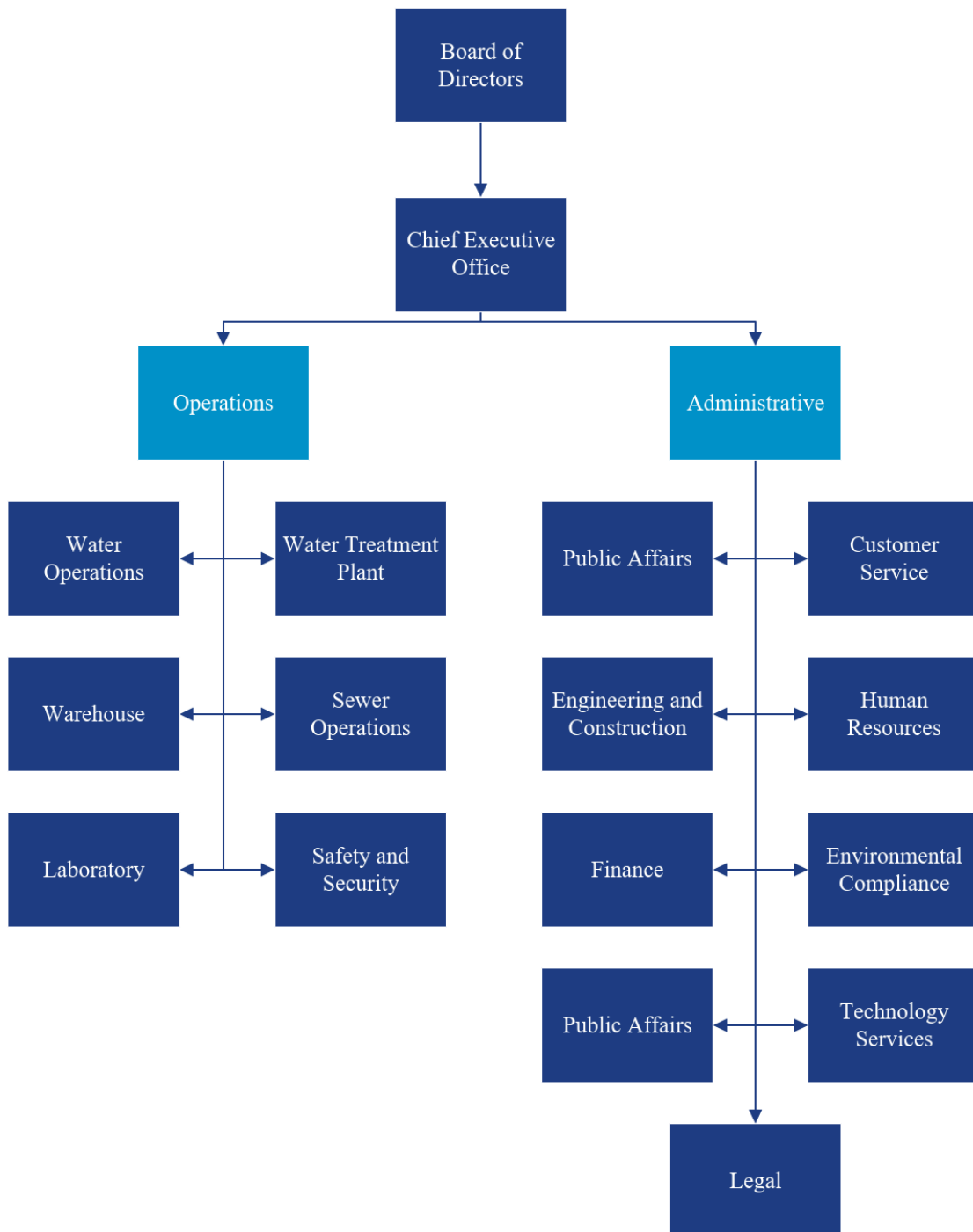
**Rebecca Zito, Senior Manager, Public Affairs**

**Kasey Stewart, APP, CSP, Director of Safety and Security**

**William McFaddin, Director of Operations**

**Joe Tewell, Deputy Director, Operations**

# Organizational Chart



# Strategic Plan

Pittsburgh Water's Strategic Plan is made up of three strategic priority areas that were developed in 2023 through a series of planning meetings that involved senior staff and a strategic planning partner. Having input from Pittsburgh Water staff was critical to ensure the plan clearly identifies the key areas where resources will be invested in the years to come. Pittsburgh Water's strategic priority areas include:

## Organizational Capacity

Optimize our organizational capacity to position Pittsburgh Water as a best-in-class utility.

- Confer with nationally recognized utilities to identify best practices, organizational structures, processes, and metrics for Pittsburgh Water to evaluate and consider for adoption.
- Leverage technology and shared data to optimize performance, ensure compliance, and support proactive decision making.
- Attract, develop, and retain a diverse, high-performing workforce that will meet Pittsburgh Water's current and future needs and reflect to diversity of the communities we serve.

## Trust

Build Pittsburgh Water's reputation as a trusted service provider.

- Educate the public about the safety, quality, and value of the water, sewer, and stormwater services provided by Pittsburgh Water.
- Improve the customer experience through enhanced responsiveness, transparency, and advanced technology. This also means conducting customer satisfaction surveys and drawing actionable opportunities for improvement.
- Advance our visibility through relationships and collaborative efforts with community groups, local, regional, and national organizations, legislators, and policy makers.

## Infrastructure Investment

Invest in infrastructure, preventative maintenance, and innovation technology to assure high quality water, sewer, and stormwater service for future generations.

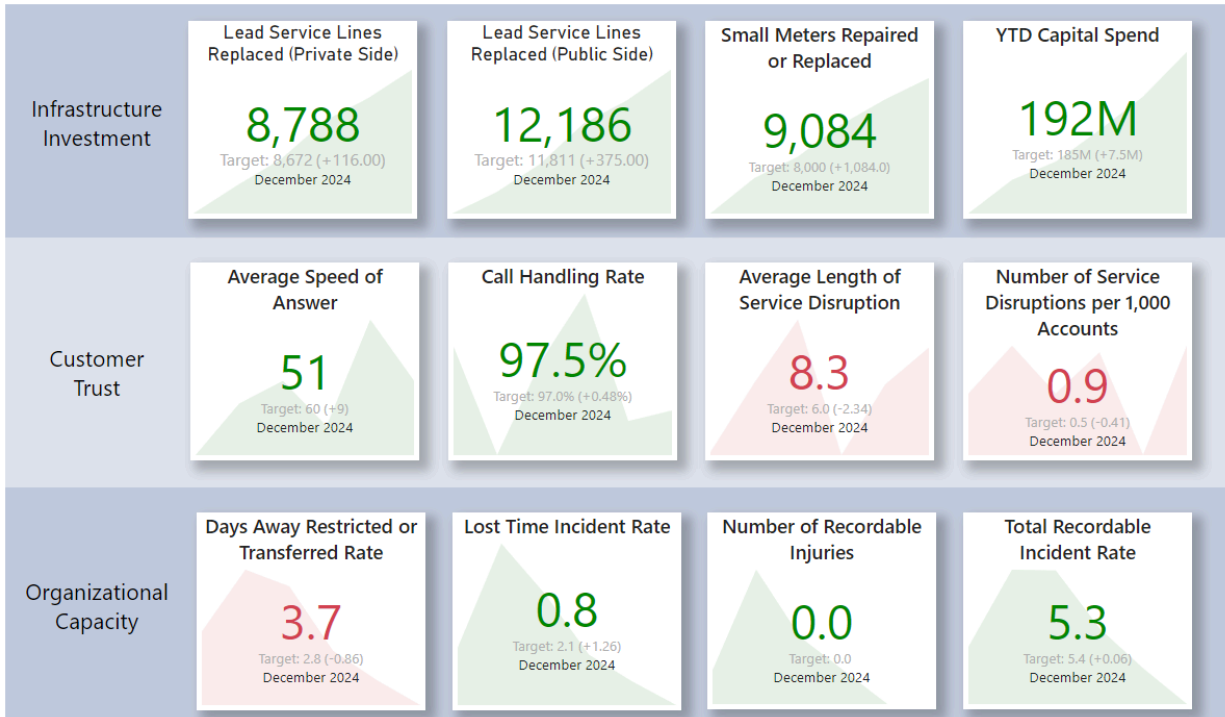
- Commit diversified financial resources, ensure adequate staffing, and optimize internal processes to support investment in our system.
- Assure the safety and resiliency of physical and information assets through security and emergency preparedness.
- Establish process and tools to collaboratively evaluate and prioritize capital projects based on community and environmental impact and regulatory compliance.

Pittsburgh Water senior staff reviews the Strategic Plan quarterly to ensure the plans outlined are being completed.



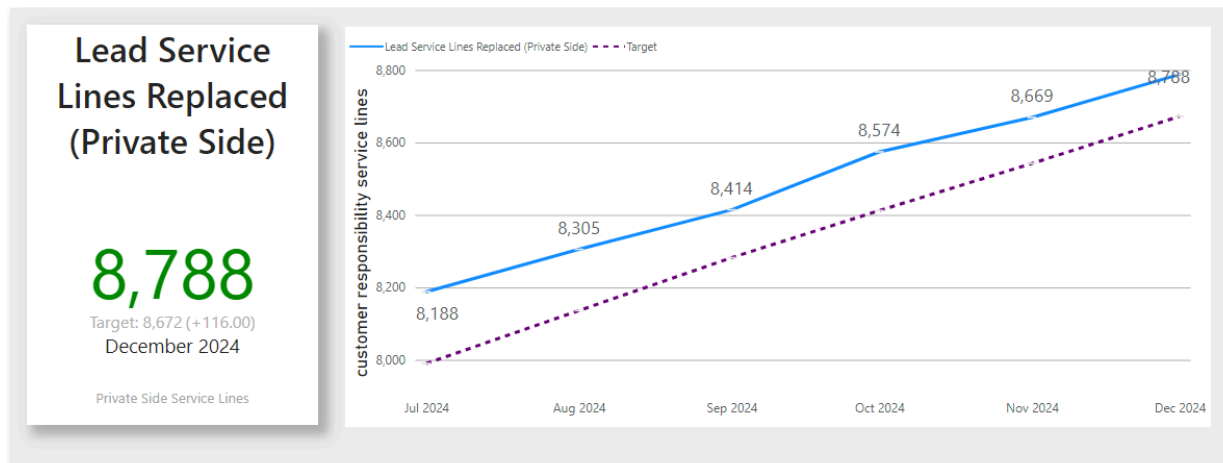
# Performance Measures

Below is a summary of Performance Metrics by Category for 2024 which have been provided to the Pittsburgh Water Board of Directors monthly. These can be found at [Performance Metrics Dashboard \(pgh2o.com\)](https://pgh2o.com).



The sections below will show more detailed information for Fiscal Year 2024 by category.

## Infrastructure Investment

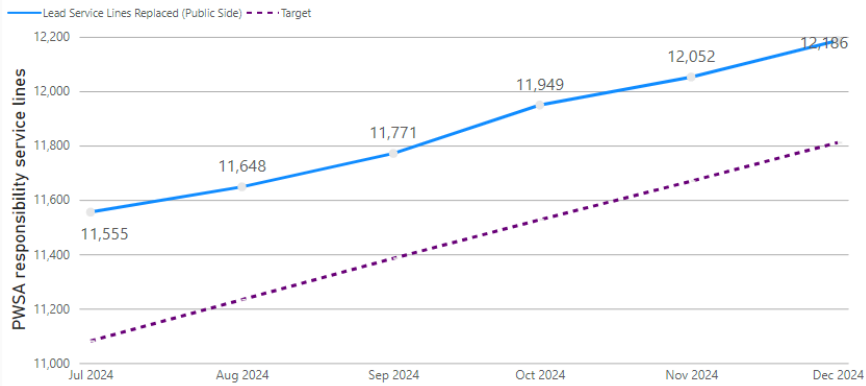


## Lead Service Lines Replaced (Public Side)

12,186

Target: 11,811 (+375.00)  
December 2024

Public Side Service Lines

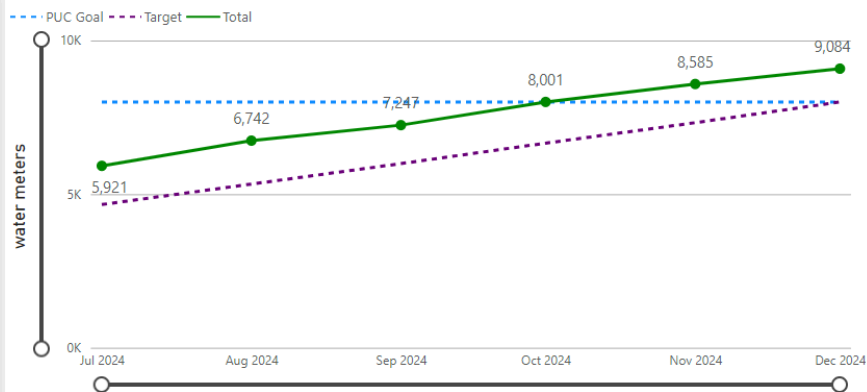


## Small Meters Repaired or Replaced

9,084

Target: 8,000 (+1,084.00)  
December 2024

Water Meters

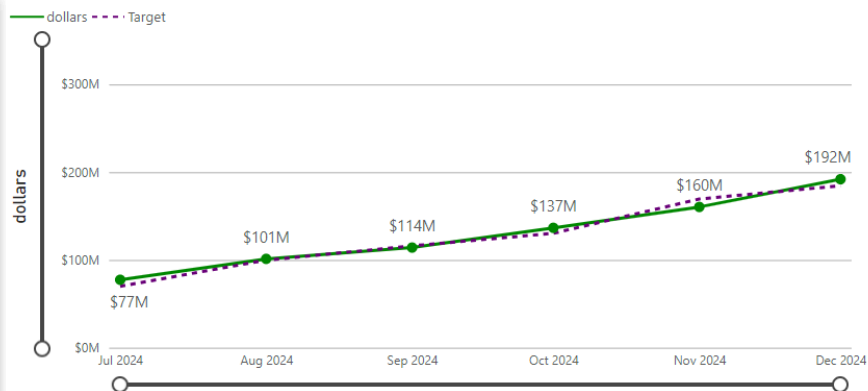


## YTD Capital Spend

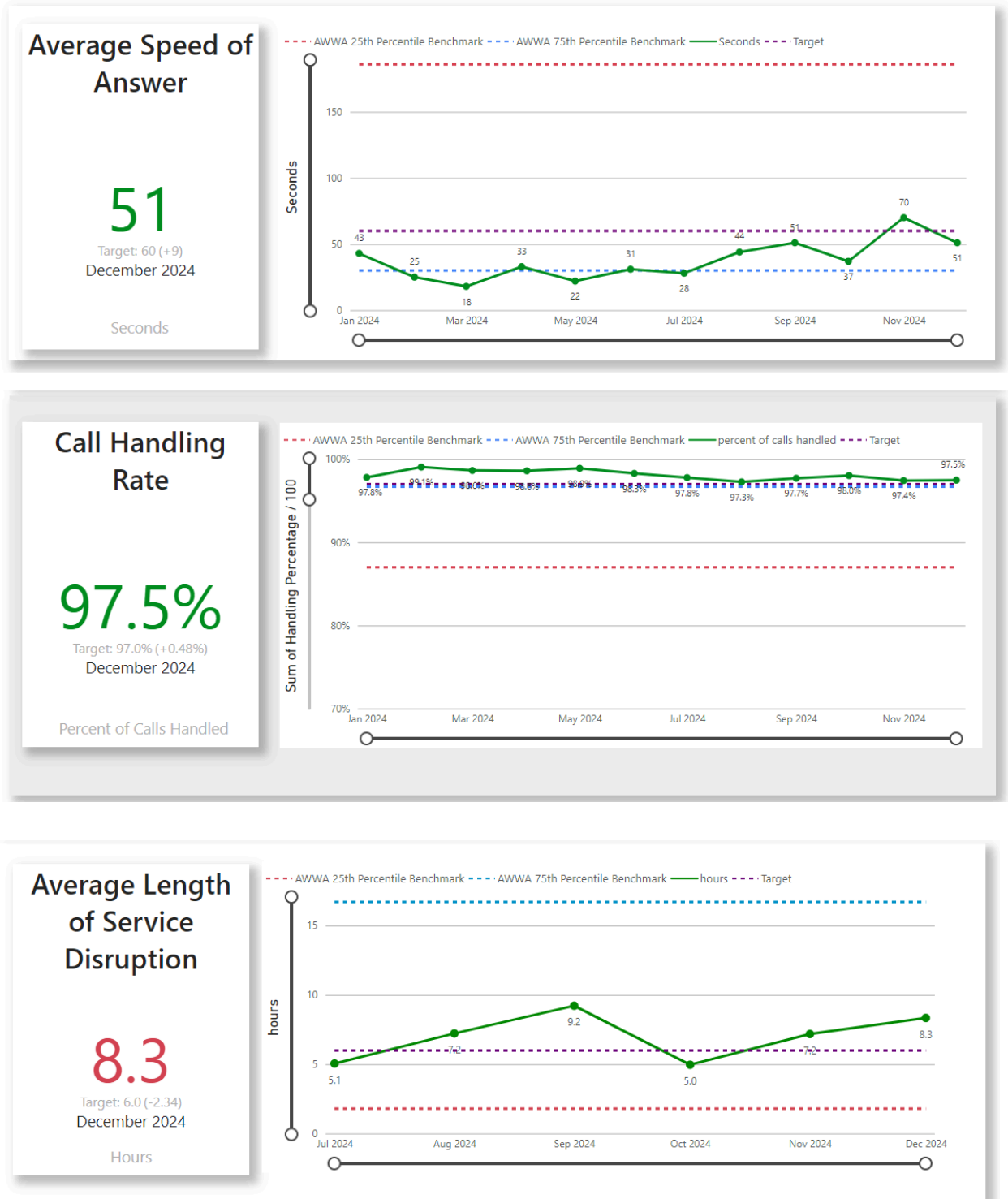
192M

Target: 185M (+7.45M)  
December 2024

Dollars



Customer Trust



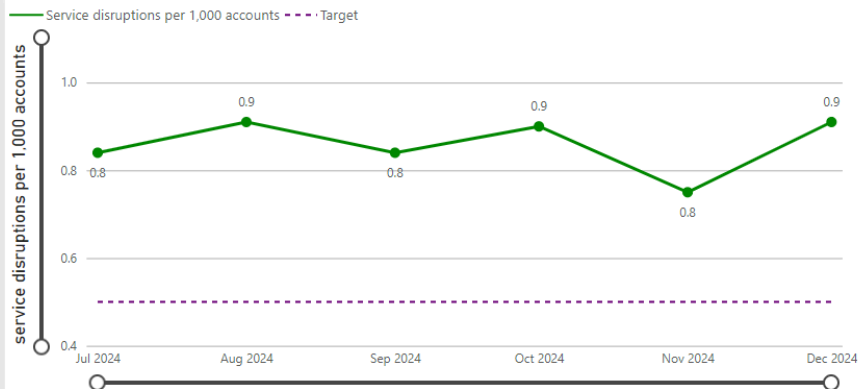
This metric evaluates the average length of service disruption for water customers due to main breaks, system repairs, low pressure, boil water advisories, and other operational needs.

## Number of Service Disruptions per 1,000 Accounts

0.9

Target: 0.5 (-0.41)  
December 2024

Service Disruptions per  
1,000 Accounts



This metric tracks the number of water service disruptions due to main breaks, system repairs, low pressure, boil water advisories, and other operational needs per thousand accounts. Evaluating this measure on a per 1,000 accounts basis allows for equitable comparison to other utilities.

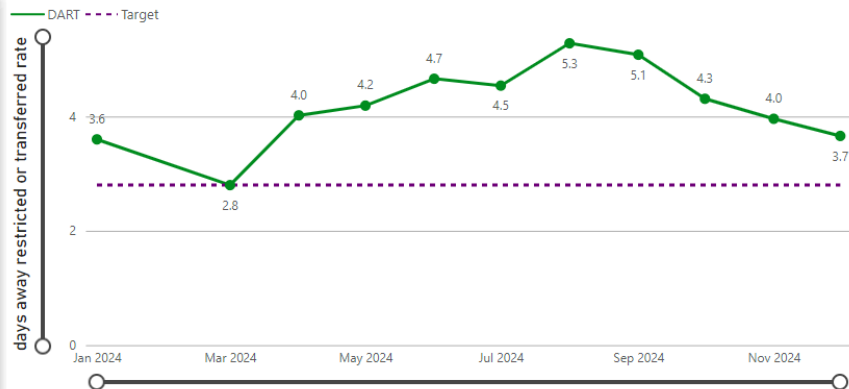
## Organizational Capacity

### Days Away Restricted or Transferred Rate

3.7

Target: 2.8 (-0.9)  
December 2024

DART Rate



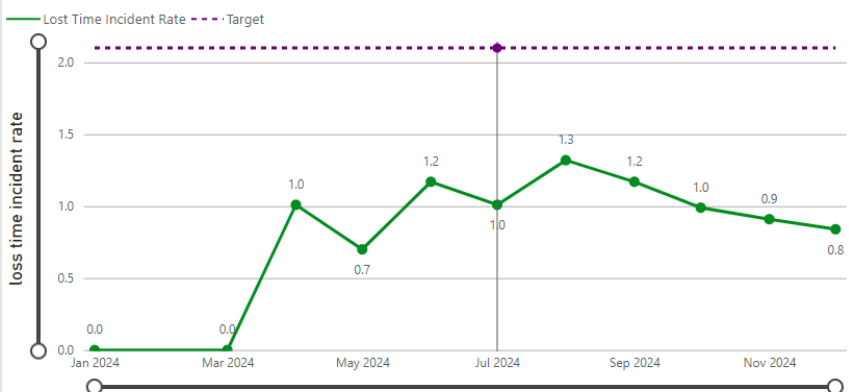
The DART rate includes OSHA recordable injuries or illness that resulted in loss time, restricted duty, or transfer of duties. It is calculated by the number of loss time injuries divided by modified duty injuries multiplied by 200,000 (100 workers at 40 hours per week for 50 work weeks) divided by the total hours worked.

### Lost Time Incident Rate

0.8

Target: 2.1 (+1.26)  
December 2024

Lost Time Incident Rate



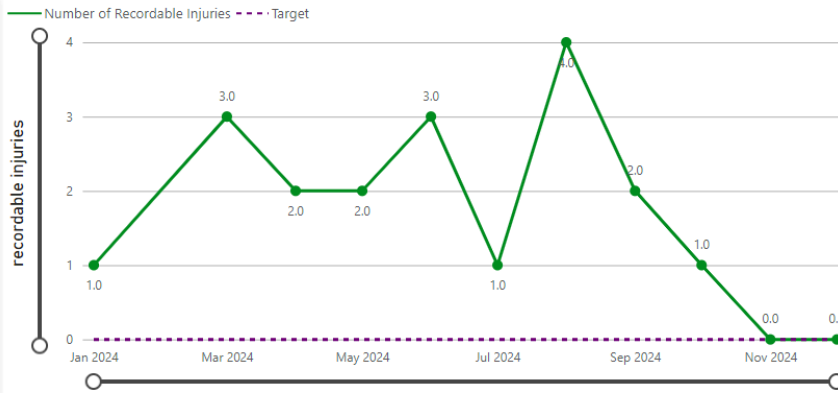
The Incident Rate calculates the number of incidents that result in time away from work. The rate is calculated by the number of loss time injuries multiplied by 200,000 (100 workers at 40 hours per week for 50 work weeks) divided by the total hours worked.

## Number of Recordable Injuries

0.0

Target: 0.0  
December 2024

Recordable Injuries



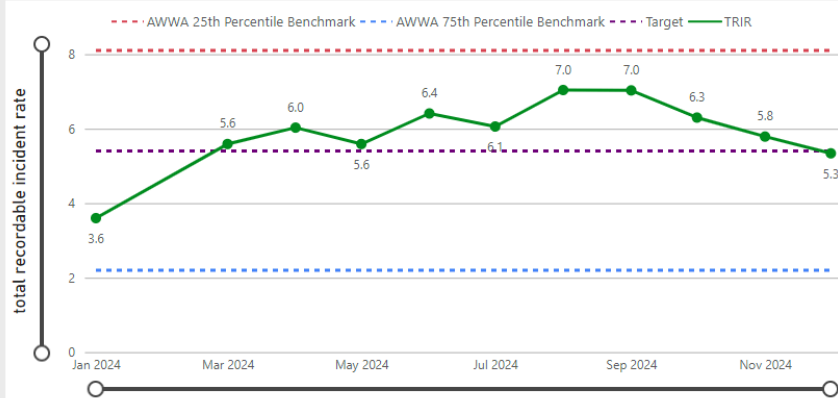
This metric tracks the number of recordable injuries as defined by the Occupational Safety and Health Administration (OSHA). Pittsburgh Water conducts Root Cause Analysis (RCA's) and safety evaluations on all reported injuries, which in turn helps to protect personnel and equipment. Reducing injuries keeps our employees safe, reduces loss, and minimizes liability exposure.

## Total Recordable Incident Rate

5.3

Target: 5.4 (+0.06)  
December 2024

Recordable Incident Rate



The Total Recordable Incident Rate is the number of work-related injuries per 100 full-time workers during a one year period. The rate is calculated by the number of recordable injuries multiplied by 200,000 (100 workers at 40 hours per week for 50 work weeks) divided by the total hours worked.

# Budget Guide

## Fund Structure

Pittsburgh Water currently operates using five different bank accounts or funds. Those include the general bank account, capital projects account, rate stabilization fund, operating reserve fund, and debt service reserve fund.

The **General Fund** is the main operating fund for the organization. It includes all revenue generated by charges for service and fees and is used to sustain the organization's day-to-day activities, including engineering and construction, water and wastewater conveyance operations, environmental compliance and ethics, safety and security, and other general administration.

The **Capital Projects Fund** utilizes bond proceeds to fund design, construction management, and construction that is expected to provide a long-term benefit to Pittsburgh Water's system within the annual Capital Improvement Plan (CIP). All projects funded by debt should meet two requirements: a minimum value of \$10,000 and a minimum useful life of at least one year.

The **Rate Stabilization Fund** was created in 2020 as a financial best practice and is used to house excess operating revenues when revenues are higher than expected within a fiscal year. The rate stabilization fund is intended to smooth forecasted revenues over several years to help meet debt service coverage requirements during times of unexpected shortfalls. Any revenue transferred into the Fund will not be counted as net revenues for calculating debt service coverage ratios in the year they are generated. Alternatively, monies transferred out of the fund and into the General Fund within a given year would be counted as net revenues for calculating the debt service coverage ratios.

The **Operating Reserve Fund** is a restricted fund that receives an annual allocation equal to one-sixth of the previous year's audited operating budget expenditures. The fund can only be utilized if the organization is in default and cover any operating expenditure need including, but not limited to, existing debt obligations, employee salaries, employee benefits, operating and maintenance expenses, and general administrative expenses.

The **Debt Service Reserve Fund (DSRF)** serves as a protective measure for lenders, mitigating the risk of default by the borrowing entity. By establishing a DSRF, lenders are reassured of the availability of funds to cover debt payments during unforeseen financial challenges. This reduces lending risk and enhances the attractiveness of lending, potentially resulting in more favorable terms of lower interest rates for the borrower. Additionally, the presence of a DSRF bolsters the borrower's creditworthiness in the eyes of lending and credit rating agencies.

## Capital Improvement Plan (CIP)

A Capital Improvement Plan, or CIP, is a mid-range plan, usually four to ten years, which identifies capital projects and equipment purchases, provides a planning schedule, and identifies options for financing the plan. The Pittsburgh Water Capital Improvement Plan allocates funds for long-term investments in assets or projects of a nonrecurring nature that are expected to have an estimated service life of at least one year and exceed \$10,000 in cost. The CIP guides Pittsburgh Water's capital investment in infrastructure and facilities over a period of five years and provides a schedule of funding for each project. The CIP is funded through several primary sources to which specific programs and projects are allocated. These funding sources include, but are not limited to:

**Debt (Revenue Bonds)** – Funding secured by municipal bond issuances for specific projects. Revenue bonds, unlike general obligation bonds, are backed by the revenue generated by the project of the facility Pittsburgh Water is financing and are typically repaid over a 30 year repayment period.

**Debt (Project Fund)** – Funding secured by issuing debt instruments, such as revenue bonds or loans. This method of financing

allows Pittsburgh Water to secure the necessary capital earmarked for the expenses related to planning, implementing, and completing capital projects.

**Distribution System Improvement Charge (DSIC)** – Funding secured directly from DSIC collections via customer water and wastewater conveyance bills. Pittsburgh Water is required to report on both collections and expenses of DSIC charges to the PUC quarterly to ensure transparency and accountability are maintained. Pittsburgh Water must spend an amount equal to, or greater than the DSIC revenue collected annually.

**Pennsylvania Infrastructure Investment Authority (PENNVEST)** – Funding secured through an independent state agency that addresses funding needs for clean water and drinking water improvements. PENNVEST provides low-interest loans and grants to municipalities and other eligible entities to finance the construction, improvement, or expansion of water and wastewater treatment facilities, stormwater management projects, and drinking water distribution systems.

**Water Infrastructure Finance and Innovation Act (WIFIA)** – Funding secured through a federal loan and guarantee program administered by the United States Environmental Protection Agency (EPA). The program provides long-term, low-cost loans for eligible water, wastewater, and stormwater infrastructure projects. WIFIA loans offer favorable terms, including extended repayment periods and low interest rates and is designed to accelerate investment in water infrastructure.

**American Rescue Plan Act (ARPA)** – The City of Pittsburgh allocated \$17 million and \$500 thousand of their State and Local Fiscal recovery Funds (SLFRF) authorized by the American Rescue Plan Act to Pittsburgh Water for neighborhood lead service line replacement and a wastewater lateral replacement and repair pilot program respectively. During 2024, the City of Pittsburgh re-allocated the \$500 thousand originally intended for the wastewater lateral replacement and repair program for non-Pittsburgh Water initiatives. This funding must be obligated no later than December 31, 2024, and spent by December 31, 2026.

**City of Pittsburgh** – Funding secured by existing cost-share agreements where the City of Pittsburgh has agreed to pay for a portion of project costs.

**Private Grants** – Funding from any other external funding source not listed above. This can include but is not limited to ALCOSAN Green Revitalization of Our Waterways (GROW) grants, Department of Community and Economic Development (DCED) funds, The Heinz Endowments, R.K. Mellon Foundation, etc.

Costs and budget allocations are then assigned to individual projects within six major project classes:

**Water Treatment Plant** – Projects within this category are required to rehabilitate, upgrade, or provide new facilities at the Pittsburgh Water Water Treatment Plant.

**Water Pumping and Storage** – Projects within this category improve, maintain, or replace assets within the distribution system that transports and store water that is utilized by Pittsburgh Water customers.

**Water Distribution** – Projects within this category improve, maintain, or replace various aspects of the distribution system responsible for providing safe and clean drinking water to Pittsburgh Water customers.

**Wastewater System** – Projects within this category address the rehabilitation, replacement, or improvement to the system that conveys wastewater and stormwater to the ALCOSAN wastewater treatment facility.

**Stormwater** – Projects within this category manage stormwater during heavy rain events and use a combination of infrastructure to help reduce stormwater pollution and mitigate flooding.

**Miscellaneous** – Projects within this category do not qualify for any of the five categories listed above but could include projects such as the construction of a new headquarters building, annual capital project reclassification originally expensed through the operating budget, and utility cost shares.

More information on individual projects, including project descriptions, project phase, identified risks, consequence of asset failure, level of service benefits, and applicable funding sources can be found within each individual project page included in the annual Capital Improvement Plan document.

# Capital Improvement Plan Process Overview

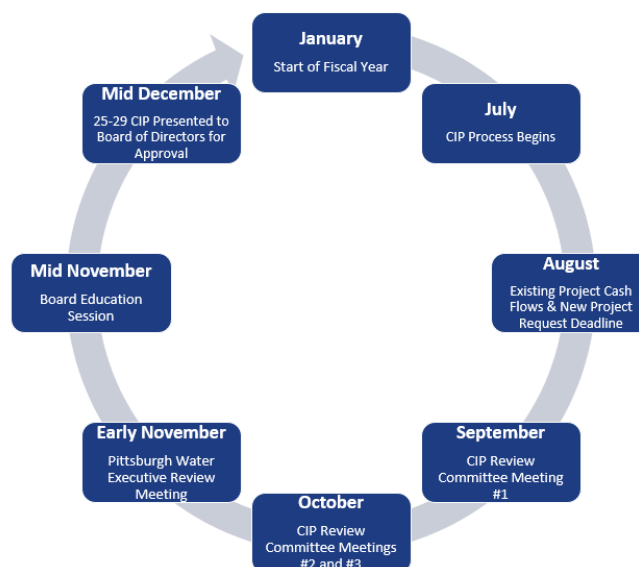
## Capital Improvement Plan Development And Process

The Capital Improvement Plan (CIP) process begins each year in July when existing project cash flows for the upcoming year and new projects are solicited from the entire organization. At the completion of the request period, the CIP Review Committee screens, evaluates, and prioritizes the projects that should be included in the upcoming CIP. The review committee is made up of 17 scoring and advisory members from other Pittsburgh Water departments such as Finance, Engineering and Construction, Technology Services, Compliance and Ethics, Safety and Security, Laboratory, and Operations. Further planning efforts consist of the preparation of a project sheet, which provides more detailed information on a project's potential scope options, risks, schedule, and cost estimate. This process lasts several months and culminates with the presentation of the updated Capital Improvement Plan to Pittsburgh Water's Board of Directors. Projects not selected for execution at any stage will be re-assessed during next year's CIP development process.

The Pittsburgh Water CIP is organized into six project classes (types):

- Water Treatment Plant
- Water Pumping and Storage
- Water Distribution
- Wastewater System
- Stormwater
- Miscellaneous

Each project class is then made up of individual projects. Projects are defined based upon current information, which range from annual allowances for asset renewal and/or replacement activities, to major, multiple phase facility renewal projects.



# Project Prioritization

Due to funding limitations and the need to renew/replace a significant amount of aging infrastructure, the following criteria are used by the CIP Review Committee to evaluate and prioritize capital projects. Each new project proposal is reviewed and scored on how well it meets the following criteria:

- **Regulatory Compliance** - Ranks a project's relative importance for maintaining current compliance levels or mitigating future compliance impacts.
- **Quality of Service** - Ranks a project's role in maintaining or improving current quality of services.
- **Safety** - Ranks a project's relative importance in maintaining or improving employee or public health and safety.
- **Risk of Failure** - Ranks the project's probability of failing if not replaced or improved.
- **Security** - Ranks a project's relative impact on physical security measures to protect or fortify infrastructure.
- **Social Impact** - Ranks a project's relative importance to customer quality of life, environmental justice areas, and number of customers impacted.

The scores submitted by the CIP Review Committee are then used to generate a prioritized list for the Pittsburgh Water Executive team to use when making funding decisions. Ultimately, this list is incorporated into the proposed Capital Improvement Plan, which is presented to the Board of Directors and adopted upon approval.

| Criteria                     | Degree                                                      |                                                                                  |                                                                                                                       |                                                                                                                                                       |                                                                                                                                               | Weight     |
|------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                              | 1                                                           | 2                                                                                | 3                                                                                                                     | 4                                                                                                                                                     | 5                                                                                                                                             |            |
| <b>Regulatory Compliance</b> | Little to no impact                                         | Minor severity non-compliance and/or regulatory impact expected in next 10 years | Moderate severity non-compliance and/or regulatory impact likely in next 6-10 years                                   | Severe non-compliance and/or regulatory impact likely in next 1-5 years. Addresses a finding or recommendation from a regulator, monitor, or auditor. | Currently in major non-compliance; resulting in moratoriums, fines, orders, etc. Addresses a finding or requirement from a regulatory agency. | <b>25%</b> |
| <b>Quality of Service</b>    | No change to QOS and assuming limited resource requirements | Minor change to QOS and/or minor impact on resource requirements                 | Moderate change to QOS and/or moderate impact on resource requirements, including emerging containment(s) of concern. | Significant change to QOS and/or significant impact on resource requirements, including emerging containment(s) of concern.                           | Major change to QOS and/or major impact on resource requirements, including emerging containment(s) of concern.                               | <b>20%</b> |
| <b>Safety</b>                | No impacts on customers or employees                        | Minor risk of illness or possible injury                                         | Moderate risk of illness or injury; may require hospitalization                                                       | Significant risk of serious illness or injury; may result in significant injury                                                                       | Expectation of life threatening illness and/or injury to one or more customers or employees                                                   | <b>15%</b> |
| <b>Risk of Failure</b>       | No risk of failure                                          | Minor risk of failure                                                            | Moderate risk of failure                                                                                              | Significant risk of failure                                                                                                                           | Severe risk of failure                                                                                                                        | <b>15%</b> |
| <b>Security</b>              | Little to no impact                                         | Minor improvements to existing physical security measures                        | Moderate improvements to existing physical security measures                                                          | Significant impact on existing physical security measures                                                                                             | High impact on existing physical security measures. Addresses a recommendation from Homeland Security or regulatory requirement               | <b>15%</b> |
| <b>Social Impact</b>         | Limited or negative social impact                           | Minor social impact                                                              | Moderate social impact                                                                                                | Significant social impact                                                                                                                             | High social impact                                                                                                                            | <b>10%</b> |

## Project Page Definitions

**Project Description** - A basic understanding of the project's intent and scope of work

**Phase** - Phase in the project life-cycle (i.e. design, construction)

**Priority** - Determines the applicable prioritization criteria categories

**Project Justification** - A detailed explanation to why the project is needed

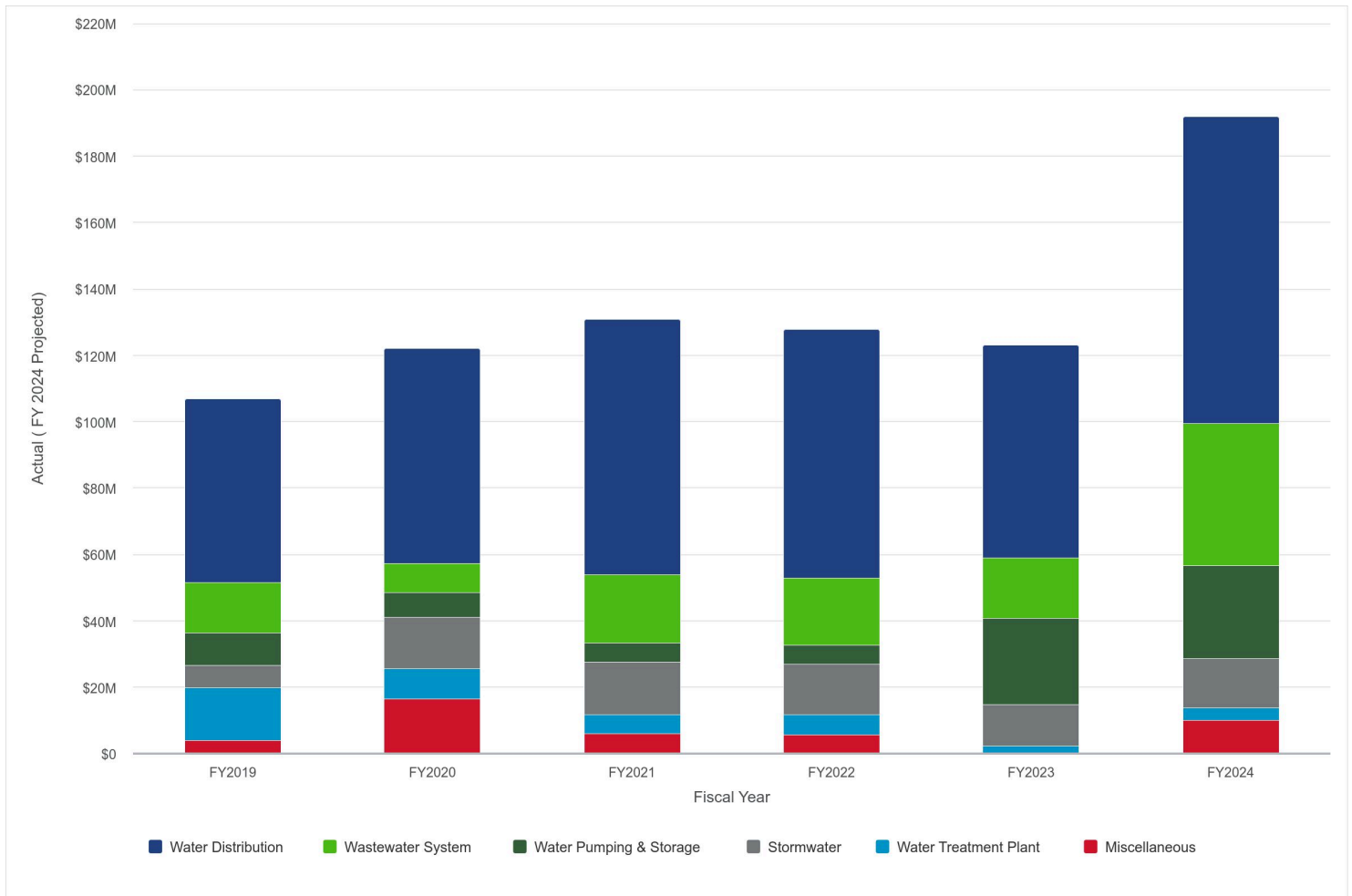
**Risk(s)** - Outlines the risk(s) to Pittsburgh Water if the project is delayed or is not funded

**Impact on Operations** - Describes the anticipated impact to Pittsburgh Water's operations when the project is completed



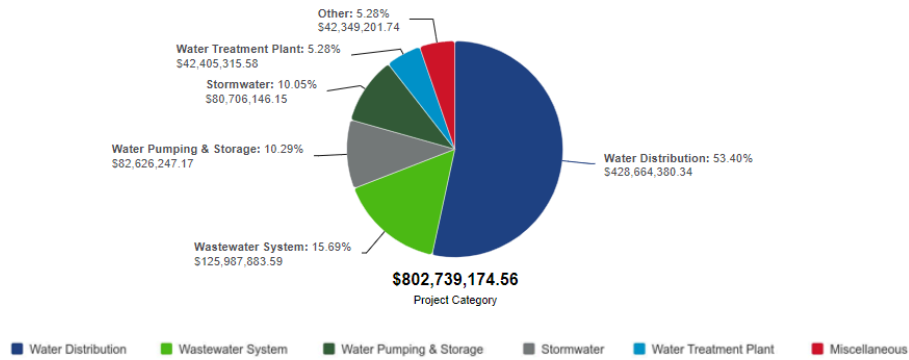
# Capital Improvement Plan Summary

## Annual Historical And Projected Capital Spend



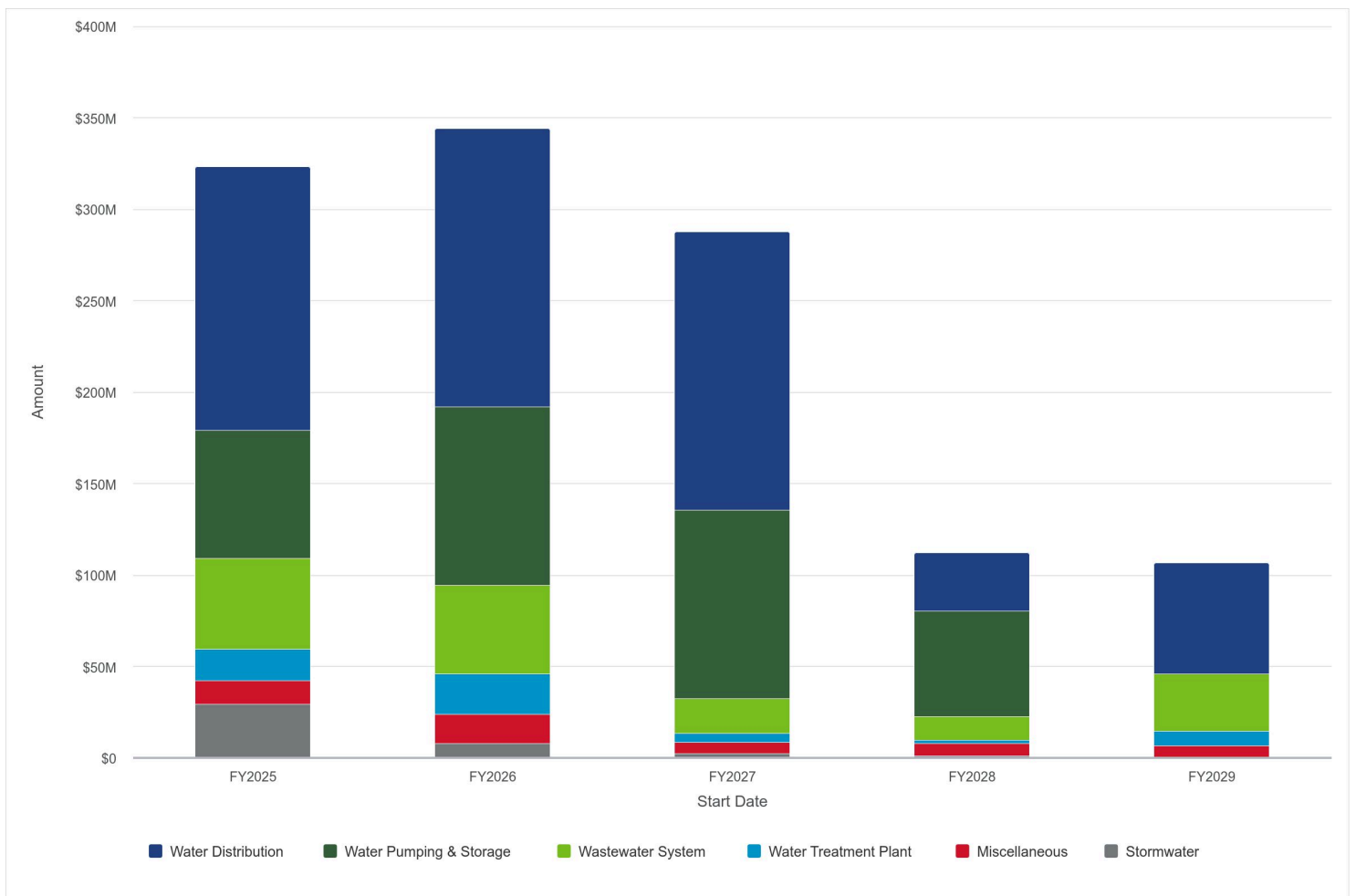
## Historical Capital Budget Spend By Project Class

| Project Category        | 2019                 | 2020                 | 2021                 | 2022                 | 2023                 | 2024                 | Total                |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Water Treatment Plant   | \$15,665,185         | \$8,959,256          | \$5,946,283          | \$5,816,207          | \$2,328,712          | \$3,689,673          | \$42,405,316         |
| Water Pumping & Storage | \$9,667,165          | \$7,304,722          | \$5,941,184          | \$5,811,219          | \$26,141,063         | \$27,760,894         | \$82,626,247         |
| Water Distribution      | \$55,588,889         | \$64,838,953         | \$76,722,470         | \$75,044,147         | \$64,054,495         | \$92,415,427         | \$428,664,380        |
| Wastewater System       | \$15,152,656         | \$8,767,047          | \$20,632,500         | \$20,181,159         | \$18,088,222         | \$43,166,301         | \$125,987,884        |
| Stormwater              | \$6,901,255          | \$15,791,622         | \$15,614,923         | \$15,273,343         | \$12,291,912         | \$14,833,091         | \$80,706,146         |
| Miscellaneous           | \$4,023,798          | \$16,446,590         | \$5,875,126          | \$5,746,606          | \$104,740            | \$10,152,342         | \$42,349,202         |
| <b>TOTAL</b>            | <b>\$106,998,948</b> | <b>\$122,108,190</b> | <b>\$130,732,485</b> | <b>\$127,872,680</b> | <b>\$123,009,144</b> | <b>\$192,017,728</b> | <b>\$802,739,175</b> |



## 2025 - 2029 Capital Improvement Plan By Project Class

| 2025-2029 CAPITAL PLAN  |               |               |               |               |               | 5 YEAR TOTAL    |
|-------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|
|                         | FY2025        | FY2026        | FY2027        | FY2028        | FY2029        |                 |
| Project Category        |               |               |               |               |               |                 |
| Water Treatment Plant   | \$17,534,390  | \$22,116,205  | \$5,059,256   | \$2,084,190   | \$7,960,735   | \$54,754,776    |
| Water Pumping & Storage | \$69,968,434  | \$97,542,544  | \$103,072,979 | \$57,549,081  | \$0           | \$328,133,038   |
| Water Distribution      | \$144,477,239 | \$152,141,343 | \$152,109,812 | \$31,934,822  | \$60,749,512  | \$541,412,728   |
| Wastewater System       | \$49,401,152  | \$48,569,270  | \$18,845,643  | \$12,956,679  | \$31,296,112  | \$161,068,856   |
| Stormwater              | \$29,489,958  | \$7,580,760   | \$1,999,779   | \$1,333,333   | \$169,014     | \$40,572,844    |
| Miscellaneous           | \$12,558,165  | \$16,250,000  | \$6,265,500   | \$6,250,000   | \$6,250,000   | \$47,573,665    |
| PROJECT CATEGORY TOTAL  | \$323,429,338 | \$344,200,122 | \$287,352,969 | \$112,108,105 | \$106,425,373 | \$1,173,515,907 |



# 2025 - 2029 Funding Source Summary

| 2025-2029 CAPITAL PLAN |               |               |               |               |               | 5 YEAR TOTAL    |
|------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|
|                        | FY2025        | FY2026        | FY2027        | FY2028        | FY2029        |                 |
| Project Funding        |               |               |               |               |               |                 |
| PENNVEST               | \$187,711,801 | \$222,984,845 | \$179,459,511 | \$42,844,474  | \$0           | \$633,000,631   |
| Debt (Revenue Bonds)   | \$105,063,460 | \$105,667,373 | \$66,857,059  | \$58,884,715  | \$96,046,457  | \$432,519,064   |
| WIFIA                  | \$3,983,576   | \$4,606,508   | \$31,157,483  | \$500,000     | \$500,000     | \$40,747,567    |
| Debt (Project Fund)    | \$14,787,331  | \$0           | \$0           | \$0           | \$0           | \$14,787,331    |
| ARPA                   | \$471,677     | \$0           | \$0           | \$0           | \$0           | \$471,677       |
| Private Grant          | \$1,532,577   | \$1,062,480   | \$0           | \$0           | \$0           | \$2,595,057     |
| DSIC - Water           | \$7164,504    | \$7164,504    | \$7164,504    | \$7164,504    | \$7164,504    | \$35,822,520    |
| DSIC - Wastewater      | \$2,714,412   | \$2,714,412   | \$2,714,412   | \$2,714,412   | \$2,714,412   | \$13,572,060    |
| PROJECT FUNDING TOTAL  | \$323,429,338 | \$344,200,122 | \$287,352,969 | \$112,108,105 | \$106,425,373 | \$1,173,515,907 |

# 2025 - 2029 Project Summary

| 2025-2029 CAPITAL PLAN                                                                        |              |              |               |              |              | 5 YEAR TOTAL  |
|-----------------------------------------------------------------------------------------------|--------------|--------------|---------------|--------------|--------------|---------------|
|                                                                                               | FY2025       | FY2026       | FY2027        | FY2028       | FY2029       |               |
| Project Funding                                                                               |              |              |               |              |              |               |
| Water Treatment Plant                                                                         |              |              |               |              |              |               |
| Aspinwall Water Treat Plant Filter Building Sodium Hypochlorite Improvements                  | \$416,397    | \$0          | \$0           | \$0          | \$0          | \$416,397     |
| Aspinwall Water Treatment Plant Raw Water Intakes                                             | \$516,484    | \$539,697    | \$0           | \$343,890    | \$7,460,735  | \$8,860,806   |
| Clearwell Improvements                                                                        | \$3,444,376  | \$1,324,489  | \$500,000     | \$500,000    | \$500,000    | \$6,268,865   |
| Ferric Chloride Feed System Rehabilitation                                                    | \$186,250    | \$2,313,750  | \$0           | \$0          | \$0          | \$2,500,000   |
| Hydraulic Valve Replacement Program                                                           | \$836,325    | \$3,459,761  | \$1,729,881   | \$0          | \$0          | \$6,025,967   |
| Lime Slurry System Improvements                                                               | \$6,156,738  | \$0          | \$0           | \$0          | \$0          | \$6,156,738   |
| Overhead Crane Modernization                                                                  | \$375,000    | \$500,000    | \$0           | \$0          | \$0          | \$875,000     |
| Powdered Activated Carbon System Replacement                                                  | \$202,750    | \$1,769,625  | \$1,510,875   | \$0          | \$0          | \$3,483,250   |
| Sedimentation Basin Rehabilitation Project                                                    | \$2,267,800  | \$4,770,200  | \$391,000     | \$312,800    | \$0          | \$7,741,800   |
| Sludge Chamber Project                                                                        | \$1,332,472  | \$0          | \$0           | \$0          | \$0          | \$1,332,472   |
| Vactor Pit Decant Facility Renovation/ Replacement                                            | \$175,000    | \$285,000    | \$927,500     | \$927,500    | \$0          | \$2,315,000   |
| Water Treatment Plant 84-Inch Diameter Line Rehabilitation                                    | \$1,234,798  | \$3,653,683  | \$0           | \$0          | \$0          | \$4,888,481   |
| Water Treatment Plant Chemical Building Storage Tank Improvements                             | \$125,000    | \$0          | \$0           | \$0          | \$0          | \$125,000     |
| Water Treatment Plant Entrance Improvements                                                   | \$265,000    | \$0          | \$0           | \$0          | \$0          | \$265,000     |
| Water Treatment Plant Filter Building Roof                                                    | \$0          | \$3,500,000  | \$0           | \$0          | \$0          | \$3,500,000   |
| Water Treatment Plant Contingency                                                             | \$0          | \$0          | \$0           | \$0          | \$0          | \$0           |
| WATER TREATMENT PLANT TOTAL                                                                   | \$17,534,390 | \$22,116,205 | \$5,059,256   | \$2,084,190  | \$7,960,735  | \$54,754,776  |
| Water Pumping & Storage                                                                       |              |              |               |              |              |               |
| Aspinwall and Fox Chapel Interim Feed                                                         | \$539,200    | \$4,862,604  | \$1,711,721   | \$454,581    | \$0          | \$7,568,106   |
| Aspinwall Pump Station Improvements, Bruecken Pump Station Improvements, and Clearwell Bypass | \$34,368,736 | \$78,419,004 | \$91,447,113  | \$46,897,050 | \$0          | \$251,131,903 |
| Bruecken Pumps No. 4, 5, and 7 Starter Replacements                                           | \$731,028    | \$0          | \$0           | \$0          | \$0          | \$731,028     |
| Chlorine Booster Station Improvements                                                         | \$353,823    | \$0          | \$0           | \$0          | \$0          | \$353,823     |
| Herron Hill Reservoir Improvements                                                            | \$10,000     | \$0          | \$0           | \$0          | \$0          | \$10,000      |
| Herron Hill Reservoir Improvements - Sodium Hypochlorite Building                             | \$414,780    | \$0          | \$0           | \$0          | \$0          | \$414,780     |
| Highland No. 2 Reservoir Liner and Cover Replacements                                         | \$810,916    | \$352,488    | \$9,914,145   | \$10,197,450 | \$0          | \$21,274,999  |
| Highland Reservoir Pump Station and Rising Main                                               | \$24,908,444 | \$13,908,448 | \$0           | \$0          | \$0          | \$38,816,892  |
| Lanpher Reservoir Improvements                                                                | \$7,600,857  | \$0          | \$0           | \$0          | \$0          | \$7,600,857   |
| Lincoln Pump Station; Bypass Pump Station Project                                             | \$230,650    | \$0          | \$0           | \$0          | \$0          | \$230,650     |
| Water Pumping & Storage Contingency                                                           | \$0          | \$0          | \$0           | \$0          | \$0          | \$0           |
| WATER PUMPING & STORAGE TOTAL                                                                 | \$69,968,434 | \$97,542,544 | \$103,072,979 | \$57,549,081 | \$0          | \$328,133,038 |
| Water Distribution                                                                            |              |              |               |              |              |               |
| Interconnection Vault Stormwater Removal                                                      | \$902,260    | \$0          | \$0           | \$0          | \$0          | \$902,260     |
| Intermediate Meter Replacement Program                                                        | \$205,000    | \$221,500    | \$238,825     | \$257,016    | \$276,117    | \$1,198,458   |
| Large Diameter Water Main Program                                                             | \$2,192,936  | \$19,733,691 | \$0           | \$0          | \$0          | \$21,926,627  |
| Large Meter Replacement Program                                                               | \$200,120    | \$222,626    | \$246,257     | \$271,070    | \$297,123    | \$1,237,196   |
| Neighborhood Lead Service Line Replacement Program                                            | \$50,931,646 | \$60,770,404 | \$64,693,568  | \$8,552,963  | \$0          | \$184,948,581 |
| Private Lead Service Line Reimbursement                                                       | \$500,000    | \$500,000    | \$500,000     | \$300,000    | \$0          | \$1,800,000   |
| Small Diameter Water Main Replacement Program                                                 | \$74,188,361 | \$60,800,003 | \$76,205,405  | \$12,883,159 | \$51,810,000 | \$275,886,928 |
| Small Meter Replacement Program                                                               | \$990,000    | \$1,039,500  | \$1,091,475   | \$396,049    | \$453,351    | \$3,970,375   |

| 2025-2029 CAPITAL PLAN                                           |                      |                      |                      |                      |                      | 5 YEAR TOTAL           |
|------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|
|                                                                  | FY2025               | FY2026               | FY2027               | FY2028               | FY2029               |                        |
| Urgent Lead Service Line Replacement Program                     | \$1,728,931          | \$683,323            | \$227,774            | \$0                  | \$0                  | \$2,640,028            |
| Valve Replacement Program                                        | \$3,250,509          | \$3,109,019          | \$3,188,361          | \$3,170,353          | \$3,170,000          | \$15,888,242           |
| Water and Wastewater Safety and Security Improvements (PENNVEST) | \$5,381,580          | \$0                  | \$0                  | \$0                  | \$0                  | \$5,381,580            |
| Water Relay Program                                              | \$4,005,896          | \$5,061,277          | \$5,718,147          | \$6,104,212          | \$4,742,921          | \$25,632,453           |
| Water Distribution Contingency                                   | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                    |
| <b>WATER DISTRIBUTION TOTAL</b>                                  | <b>\$144,477,239</b> | <b>\$152,141,343</b> | <b>\$152,109,812</b> | <b>\$31,934,822</b>  | <b>\$60,749,512</b>  | <b>\$541,412,728</b>   |
| Wastewater System                                                |                      |                      |                      |                      |                      |                        |
| 31st Ward Pump Station and Appurtenances - Phase 2               | \$746,447            | \$7,248,809          | \$9,507,797          | \$0                  | \$0                  | \$17,503,053           |
| Browns Hill Road Sewer Pump Station Replacement                  | \$2,221,215          | \$1,297,058          | \$0                  | \$0                  | \$0                  | \$3,518,273            |
| Large Diameter Sewer Rehabilitation Program                      | \$8,766,419          | \$7,715,321          | \$2,300,000          | \$660,000            | \$5,720,000          | \$25,161,740           |
| Ruthven Cost Share                                               | \$1,225,766          | \$0                  | \$0                  | \$0                  | \$0                  | \$1,225,766            |
| Sewer Reconstruction Program                                     | \$3,131,514          | \$3,277,271          | \$3,677,846          | \$4,496,679          | \$2,714,412          | \$17,297,722           |
| Sewers Under Structures Program                                  | \$6,609,093          | \$0                  | \$0                  | \$0                  | \$0                  | \$6,609,093            |
| Small Diameter Sewer Rehabilitation Program                      | \$26,700,698         | \$29,030,811         | \$3,360,000          | \$7,800,000          | \$22,861,700         | \$89,753,209           |
| Wastewater Contingency                                           | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                    |
| <b>WASTEWATER SYSTEM TOTAL</b>                                   | <b>\$49,401,152</b>  | <b>\$48,569,270</b>  | <b>\$18,845,643</b>  | <b>\$12,956,679</b>  | <b>\$31,296,112</b>  | <b>\$161,068,856</b>   |
| Stormwater                                                       |                      |                      |                      |                      |                      |                        |
| Braywood Stormwater Improvements                                 | \$1,142,826          | \$0                  | \$0                  | \$0                  | \$0                  | \$1,142,826            |
| Bus Rapid Transit Stormwater Infrastructure Improvements         | \$2,210,806          | \$3,418,543          | \$666,446            | \$0                  | \$0                  | \$6,295,795            |
| Catch Basin and Inlet Replacement Program                        | \$9,111,007          | \$1,964,319          | \$1,333,333          | \$1,333,333          | \$169,014            | \$13,911,006           |
| Four Mile Run Stormwater Infrastructure Improvements             | \$432,323            | \$0                  | \$0                  | \$0                  | \$0                  | \$432,323              |
| Fowler Park Stormwater Improvements                              | \$361,868            | \$48,693             | \$0                  | \$0                  | \$0                  | \$410,561              |
| Oakridge Stormwater Separation                                   | \$155,168            | \$0                  | \$0                  | \$0                  | \$0                  | \$155,168              |
| Saw Mill Run Watershed Improvements                              | \$900,000            | \$100,000            | \$0                  | \$0                  | \$0                  | \$1,000,000            |
| Southside Flats Sewer Separation                                 | \$12,926,946         | \$1,062,480          | \$0                  | \$0                  | \$0                  | \$13,989,426           |
| Woods Run Stream Removal Stormwater Infrastructure Improvements  | \$2,249,014          | \$986,725            | \$0                  | \$0                  | \$0                  | \$3,235,739            |
| Stormwater Improvements Contingency                              | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                    |
| <b>STORMWATER TOTAL</b>                                          | <b>\$29,489,958</b>  | <b>\$7,580,760</b>   | <b>\$1,999,779</b>   | <b>\$1,333,333</b>   | <b>\$169,014</b>     | <b>\$40,572,844</b>    |
| Miscellaneous                                                    |                      |                      |                      |                      |                      |                        |
| Annual Capital Project Reclassification                          | \$10,958,354         | \$6,000,000          | \$6,000,000          | \$6,000,000          | \$6,000,000          | \$34,958,354           |
| New Headquarters and Operations Facility                         | \$1,000,000          | \$10,000,000         | \$0                  | \$0                  | \$0                  | \$11,000,000           |
| Utility Cost Shares                                              | \$599,811            | \$250,000            | \$265,500            | \$250,000            | \$250,000            | \$1,615,311            |
| Miscellaneous Contingency                                        | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$0                    |
| <b>MISCELLANEOUS TOTAL</b>                                       | <b>\$12,558,165</b>  | <b>\$16,250,000</b>  | <b>\$6,265,500</b>   | <b>\$6,250,000</b>   | <b>\$6,250,000</b>   | <b>\$47,573,665</b>    |
| <b>PROJECT FUNDING TOTAL</b>                                     | <b>\$323,429,338</b> | <b>\$344,200,122</b> | <b>\$287,352,969</b> | <b>\$112,108,105</b> | <b>\$106,425,373</b> | <b>\$1,173,515,907</b> |

# Water Treatment Plant

## Project Class Summary

Projects within this category are required to rehabilitate, upgrade, or provide new facilities at the Pittsburgh Water Treatment Plant location. Projects can include, but are not limited to, improvements to pump stations, water intakes, chemical storage areas, sedimentation basins, and the Clearwell, which is a large, century-old water storage facility that is used to treat water with chlorine to kill any harmful bacteria or pathogens. The Pittsburgh Water Treatment Plant produces an average of 70 million gallons of water daily and provides drinking water to the majority of the Pittsburgh area.

## Project Summary Table

|                                                                              | 2025-2029 CAPITAL PLAN |                     |                    |                    |                    | 5 YEAR TOTAL        |
|------------------------------------------------------------------------------|------------------------|---------------------|--------------------|--------------------|--------------------|---------------------|
|                                                                              | FY2025                 | FY2026              | FY2027             | FY2028             | FY2029             |                     |
| <b>Project Funding</b>                                                       |                        |                     |                    |                    |                    |                     |
| Aspinwall Water Treat Plant Filter Building Sodium Hypochlorite Improvements | \$416,397              | \$0                 | \$0                | \$0                | \$0                | \$416,397           |
| Aspinwall Water Treatment Plant Raw Water Intakes                            | \$516,484              | \$539,697           | \$0                | \$343,890          | \$7,460,735        | \$8,860,806         |
| Clearwell Improvements                                                       | \$3,444,376            | \$1,324,489         | \$500,000          | \$500,000          | \$500,000          | \$6,268,865         |
| Ferric Chloride Feed System Rehabilitation                                   | \$186,250              | \$2,313,750         | \$0                | \$0                | \$0                | \$2,500,000         |
| Hydraulic Valve Replacement Program                                          | \$836,325              | \$3,459,761         | \$1,729,881        | \$0                | \$0                | \$6,025,967         |
| Lime Slurry System Improvements                                              | \$6,156,738            | \$0                 | \$0                | \$0                | \$0                | \$6,156,738         |
| Overhead Crane Modernization                                                 | \$375,000              | \$500,000           | \$0                | \$0                | \$0                | \$875,000           |
| Powdered Activated Carbon System Replacement                                 | \$202,750              | \$1,769,625         | \$1,510,875        | \$0                | \$0                | \$3,483,250         |
| Sedimentation Basin Rehabilitation Project                                   | \$2,267,800            | \$4,770,200         | \$391,000          | \$312,800          | \$0                | \$7,741,800         |
| Sludge Chamber Project                                                       | \$1,332,472            | \$0                 | \$0                | \$0                | \$0                | \$1,332,472         |
| Vactor Pit Decant Facility Renovation/ Replacement                           | \$175,000              | \$285,000           | \$927,500          | \$927,500          | \$0                | \$2,315,000         |
| Water Treatment Plant 84-Inch Diameter Line Rehabilitation                   | \$1,234,798            | \$3,653,683         | \$0                | \$0                | \$0                | \$4,888,481         |
| Water Treatment Plant Chemical Building Storage Tank Improvements            | \$125,000              | \$0                 | \$0                | \$0                | \$0                | \$125,000           |
| Water Treatment Plant Entrance Improvements                                  | \$265,000              | \$0                 | \$0                | \$0                | \$0                | \$265,000           |
| Water Treatment Plant Filter Building Roof                                   | \$0                    | \$3,500,000         | \$0                | \$0                | \$0                | \$3,500,000         |
| Water Treatment Plant Contingency                                            | \$0                    | \$0                 | \$0                | \$0                | \$0                | \$0                 |
| <b>PROJECT FUNDING TOTAL</b>                                                 | <b>\$17,534,390</b>    | <b>\$22,116,205</b> | <b>\$5,059,256</b> | <b>\$2,084,190</b> | <b>\$7,960,735</b> | <b>\$54,754,776</b> |

# Aspinwall Water Treatment Plant Filter Building Sodium Hypochlorite Improvements

## Project Description

General and mechanical work will include demolition, a new filling station, a new storage and pumping room, furnishing and installing new storage tanks, feed pumps and piping. HVAC work will include furnishing and installing new HVAC system including an air handling unit, a condensing unit, an exhaust system and ductwork. Plumbing work will include new water service lines inside the building, furnishing and installing eyewash stations, hot water units, sanitary drain modifications, and the installation of a wet sprinkler fire suppression system and fire alarm system. Electrical work will include furnishing and installing power wiring and conduit to new equipment, control wiring to instrumentation, and program system integration services to operate the new treatment process.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Risk of Failure, Quality of Service

**Project Justification:** To increase storage of sodium hypochlorite solution as required by the PADEP and enhance the operational safety and efficiency of the system.

**Risk(s):** Not meeting requirements of the PADEP if the project not completed.

**Impact on Operations:** Operating budget will likely decrease due to efficiencies.

**DSIC Eligible:** No

## Project Funding

|                                                                                                                        | 2025-2029 CAPITAL PLAN |            |            |            |            | TOTAL            |
|------------------------------------------------------------------------------------------------------------------------|------------------------|------------|------------|------------|------------|------------------|
|                                                                                                                        | FY2025                 | FY2026     | FY2027     | FY2028     | FY2029     |                  |
| <b>Project Funding</b>                                                                                                 |                        |            |            |            |            |                  |
| 2017-322-101-8 - Aspinwall Water Treatment Plant Filter Building Sodium Hypochlorite Improvements - General/Mechanical | \$350,000              | \$0        | \$0        | \$0        | \$0        | \$350,000        |
| 2017-322-101-11 - Aspinwall Water Treatment Plant Filter Building Sodium Hypochlorite Improvements - Electrical        | \$66,397               | \$0        | \$0        | \$0        | \$0        | \$66,397         |
| <b>PROJECT FUNDING TOTAL</b>                                                                                           | <b>\$416,397</b>       | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$416,397</b> |

# Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$416,397 | \$0    | \$0    | \$0    | \$0    | \$416,397    |
| PROJECT FUNDING TOTAL  | \$416,397 | \$0    | \$0    | \$0    | \$0    | \$416,397    |

# Aspinwall Water Treatment Plant Raw Water Intakes

## Project Description

Project will include condition assessment, renewing or replacing the existing West and East Raw Water Intake Gate House buildings and associated systems (including gates, screens, and associated mechanical equipment), as well as the addition of SCADA. Influent piping through the Ross Pump Station will also be addressed.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Quality of Service, Risk of Failure

**Project Justification:** The West Gate is 90% closed and inoperable. Both gate houses are in need of rehabilitation or replacement. The West Gatehouse is 100 years old, and the East Gate is almost 90 years old.

**Risk(s):** Both gates have reached the end of their useful life and need to be replaced. Failure of the East Gate would cause a disruption to the supply of water.

**Impact on Operations:** Modernization of systems will require less time spent in operations and maintenance of these facilities.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                             |           |           |        |           |             | TOTAL       |
|--------------------------------------------------------------------|-----------|-----------|--------|-----------|-------------|-------------|
|                                                                    | FY2025    | FY2026    | FY2027 | FY2028    | FY2029      |             |
| Project Funding                                                    |           |           |        |           |             |             |
| 2024-100-104-0 - Aspinwall Water Treatment Plant Raw Water Intakes | \$516,484 | \$539,697 | \$0    | \$343,890 | \$7,460,735 | \$8,860,806 |
| PROJECT FUNDING TOTAL                                              | \$516,484 | \$539,697 | \$0    | \$343,890 | \$7,460,735 | \$8,860,806 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |           |        |           | 5 YEAR TOTAL |             |
|------------------------|-----------|-----------|--------|-----------|--------------|-------------|
|                        | FY2025    | FY2026    | FY2027 | FY2028    | FY2029       |             |
| Project Funding        |           |           |        |           |              |             |
| Debt (Revenue Bonds)   | \$516,484 | \$539,697 | \$0    | \$343,890 | \$7,460,735  | \$8,860,806 |
| PROJECT FUNDING TOTAL  | \$516,484 | \$539,697 | \$0    | \$343,890 | \$7,460,735  | \$8,860,806 |

# Clearwell Improvements

## Project Description

Replacement of the existing 100 + year old clearwell (finished water structure) with multi-celled clearwell to allow for maintenance.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** The clearwell was constructed in 1908 and has not undergone any major modifications or upgrades since. It has two main functions: providing equalization storage that allows the filters to operate independently of potential fluctuations in system demands, and providing sufficient retention contact time for disinfection agents to meet the requirements of the Surface Water Treatment Rule and Long-Term 2 Enhanced Surface Water Treatment Rule.

**Risk(s):** Failure of the clearwell would cause a service disruption.

**Impact on Operations:** Ability to meet system reliability and water quality regulations.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                  |             |             |           |           |           | TOTAL       |
|-----------------------------------------|-------------|-------------|-----------|-----------|-----------|-------------|
|                                         | FY2025      | FY2026      | FY2027    | FY2028    | FY2029    |             |
| Project Funding                         |             |             |           |           |           |             |
| 2023-100-104-0 - Clearwell Improvements | \$3,444,376 | \$1,324,489 | \$500,000 | \$500,000 | \$500,000 | \$6,268,865 |
| PROJECT FUNDING TOTAL                   | \$3,444,376 | \$1,324,489 | \$500,000 | \$500,000 | \$500,000 | \$6,268,865 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |             |           |           |           | 5 YEAR TOTAL |
|------------------------|-------------|-------------|-----------|-----------|-----------|--------------|
|                        | FY2025      | FY2026      | FY2027    | FY2028    | FY2029    |              |
| Project Funding        |             |             |           |           |           |              |
| WIFIA                  | \$3,444,376 | \$1,324,489 | \$500,000 | \$500,000 | \$500,000 | \$6,268,865  |
| PROJECT FUNDING TOTAL  | \$3,444,376 | \$1,324,489 | \$500,000 | \$500,000 | \$500,000 | \$6,268,865  |

# Ferric Chloride Feed System Rehabilitation

## Project Description

Replacement and modernization of the Ferric Chloride Chemical Feed Pump System, including flow pacing.

## Project Details

**Phase:** Design

**Priority:** Safety, Regulatory Compliance

**Project Justification:** The goal of this project is to replace and modernize the ferric chloride dosing system. Ferric chloride acts as a coagulant and flocculant that facilitates the clarification of water (separating suspended and some dissolved materials). The replacement is to ensure reliability, resiliency, and treatment performance. Additionally, flow pacing will allow for the chemical to be dosed at the correct rate without intervention.

**Risk(s):** Ferric Chloride Feed System is required for achieving water quality.

**Impact on Operations:** None

**DSIC Eligible:** No

## Project Funding

|                                                             | 2025-2029 CAPITAL PLAN |             |        |        |        | TOTAL       |
|-------------------------------------------------------------|------------------------|-------------|--------|--------|--------|-------------|
|                                                             | FY2025                 | FY2026      | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                             |                        |             |        |        |        |             |
| 2025-100-101-0 - Ferric Chloride Feed System Rehabilitation | \$186,250              | \$2,313,750 | \$0    | \$0    | \$0    | \$2,500,000 |
| PROJECT FUNDING TOTAL                                       | \$186,250              | \$2,313,750 | \$0    | \$0    | \$0    | \$2,500,000 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |             |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-------------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026      | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |             |        |        |        |              |
| Debt (Revenue Bonds)  | \$186,250              | \$2,313,750 | \$0    | \$0    | \$0    | \$2,500,000  |
| PROJECT FUNDING TOTAL | \$186,250              | \$2,313,750 | \$0    | \$0    | \$0    | \$2,500,000  |

# Hydraulic Valve Replacement Program

## Project Description

This project is retrofitting the various hydraulic valve actuators in the filters to electric valve actuators.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Safety, Risk of Failure, Quality of Service

**Project Justification:** Improve operational control while modernizing the facility to better align with industry standard practices.

**Risk(s):** Inefficient operations resulting from an aged facility that do not align with industry standard practices.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                               |           |             |             |        |        | TOTAL       |
|------------------------------------------------------|-----------|-------------|-------------|--------|--------|-------------|
|                                                      | FY2025    | FY2026      | FY2027      | FY2028 | FY2029 |             |
| Project Funding                                      |           |             |             |        |        |             |
| 2023-100-105-0 - Hydraulic Valve Replacement Program | \$836,325 | \$3,459,761 | \$1,729,881 | \$0    | \$0    | \$6,025,967 |
| PROJECT FUNDING TOTAL                                | \$836,325 | \$3,459,761 | \$1,729,881 | \$0    | \$0    | \$6,025,967 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |             |             |        | 5 YEAR TOTAL |             |
|------------------------|-----------|-------------|-------------|--------|--------------|-------------|
|                        | FY2025    | FY2026      | FY2027      | FY2028 | FY2029       |             |
| Project Funding        |           |             |             |        |              |             |
| Debt (Revenue Bonds)   | \$836,325 | \$3,459,761 | \$1,729,881 | \$0    | \$0          | \$6,025,967 |
| PROJECT FUNDING TOTAL  | \$836,325 | \$3,459,761 | \$1,729,881 | \$0    | \$0          | \$6,025,967 |

# Lime Slurry System and Sodium Permanganate System Improvements

## Project Description

Lime slurry system capacity expansion improvements to include demolition, installation of additional tanks, chemical feed equipment, minor revisions to the existing lime slurry system, and Supervisory Control and Data Acquisition (SCADA) communications equipment and interface.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** Adequate lime storage is mandated by the PADEP. New system will be more efficient/require less labor to operate and maintain.

**Risk(s):** The extra storage for liquid lime is critical to the reliable operation of the Water Treatment Plant.

**Impact on Operations:** Adequate storage, increased reliability and efficiency, less housekeeping labor.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                                                        |             |        |        |        |        | TOTAL       |
|-----------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|-------------|
|                                                                                               | FY2025      | FY2026 | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                                                               |             |        |        |        |        |             |
| 2017-322-101-7 - Lime Slurry System Improvements                                              | \$3,631,719 | \$0    | \$0    | \$0    | \$0    | \$3,631,719 |
| 2017-322-101-12 - Lime Slurry System and Sodium Permanganate System Improvements - Plumbing   | \$1,089,467 | \$0    | \$0    | \$0    | \$0    | \$1,089,467 |
| 2017-322-101-13 - Lime Slurry System and Sodium Permanganate System Improvements - Electrical | \$1,435,552 | \$0    | \$0    | \$0    | \$0    | \$1,435,552 |
| PROJECT FUNDING TOTAL                                                                         | \$6,156,738 | \$0    | \$0    | \$0    | \$0    | \$6,156,738 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |        |        |        | 5 YEAR TOTAL |
|------------------------|-------------|--------|--------|--------|--------------|
|                        | FY2025      | FY2026 | FY2027 | FY2028 | FY2029       |
| Project Funding        |             |        |        |        |              |
| Debt (Project Fund)    | \$6,156,738 | \$0    | \$0    | \$0    | \$0          |
| PROJECT FUNDING TOTAL  | \$6,156,738 | \$0    | \$0    | \$0    | \$0          |

# Overhead Crane Modernization

## Project Description

Replacement and upgrade of existing cranes at Bruecken, Mission, Aspinwall, and Ross pump stations.

## Project Details

**Phase:** Construction

**Priority:** Safety, Quality of Service

**Project Justification:** The current age of the existing overhead cranes is well beyond their useful life and should be replaced.

**Risk(s):** Inefficient operations resulting from an aged facility that does not align with industry standard practices.

**Impact on Operations:** Increase operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                        |           |           |        |        | TOTAL  |           |
|-----------------------------------------------|-----------|-----------|--------|--------|--------|-----------|
|                                               | FY2025    | FY2026    | FY2027 | FY2028 | FY2029 |           |
| Project Funding                               |           |           |        |        |        |           |
| 2024-100-100-0 - Overhead Crane Modernization | \$375,000 | \$500,000 | \$0    | \$0    | \$0    | \$875,000 |
| PROJECT FUNDING TOTAL                         | \$375,000 | \$500,000 | \$0    | \$0    | \$0    | \$875,000 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |           |        |        | 5 YEAR TOTAL |           |
|------------------------|-----------|-----------|--------|--------|--------------|-----------|
|                        | FY2025    | FY2026    | FY2027 | FY2028 | FY2029       |           |
| Project Funding        |           |           |        |        |              |           |
| Debt (Revenue Bonds)   | \$375,000 | \$500,000 | \$0    | \$0    | \$0          | \$875,000 |
| PROJECT FUNDING TOTAL  | \$375,000 | \$500,000 | \$0    | \$0    | \$0          | \$875,000 |

# Powdered Activated Carbon System Replacement

## Project Description

Replacement of the current non-functional Powdered Activated Carbon (PAC) System.

## Project Details

**Phase:** Design

**Priority:** Safety, Regulatory Compliance

**Project Justification:** Powdered activated carbon (PAC) is required for the production of drinking water, primarily on a seasonal basis, to address the necessary removal of organic compounds. PAC is used to remove persistent organic compounds (e.g., pesticides and biocides) and organic compounds (e.g., AOX, BTEX, MAH, and PAHs). The existing system is non-operational.

**Risk(s):** PAC System is required for achieving water quality.

**Impact on Operations:** None

**DSIC Eligible:** No

## Project Funding

|                                                               | 2025-2029 CAPITAL PLAN |             |             |        |        | TOTAL       |
|---------------------------------------------------------------|------------------------|-------------|-------------|--------|--------|-------------|
|                                                               | FY2025                 | FY2026      | FY2027      | FY2028 | FY2029 |             |
| Project Funding                                               |                        |             |             |        |        |             |
| 2025-100-102-0 - Powdered Activated Carbon System Replacement | \$202,750              | \$1,769,625 | \$1,510,875 | \$0    | \$0    | \$3,483,250 |
| PROJECT FUNDING TOTAL                                         | \$202,750              | \$1,769,625 | \$1,510,875 | \$0    | \$0    | \$3,483,250 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |             |             |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-------------|-------------|--------|--------|--------------|
|                       | FY2025                 | FY2026      | FY2027      | FY2028 | FY2029 |              |
| Project Funding       |                        |             |             |        |        |              |
| Debt (Revenue Bonds)  | \$202,750              | \$1,769,625 | \$1,510,875 | \$0    | \$0    | \$3,483,250  |
| PROJECT FUNDING TOTAL | \$202,750              | \$1,769,625 | \$1,510,875 | \$0    | \$0    | \$3,483,250  |

# Sedimentation Basin Rehabilitation Project

## Project Description

Improvements to keep stormwater from infiltrating the basins, rehabilitation or replacement of existing sluice gates including drain gates, disconnecting existing stormwater outfall including related permitting, and repair of existing vaults.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Quality of Service, Risk of Failure

**Project Justification:** The sedimentation basins are the only system in the Water Treatment Plant process that is open to the environment. As such, care must be taken to prevent infiltration of contaminants via surface runoff. These repairs and valve replacements were recommended by regulating agencies. Working isolation valves are required to properly isolate and maintain treatment. Proactive repair/maintenance will reduce the chance of complete failure of the asset.

**Risk(s):** Pittsburgh Water could experience regulatory violations.

**Impact on Operations:** Ability for staff to quickly isolate the sedimentation basins as part of routine or emergency maintenance.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                      |             |             |           |           |        | TOTAL       |
|-------------------------------------------------------------|-------------|-------------|-----------|-----------|--------|-------------|
|                                                             | FY2025      | FY2026      | FY2027    | FY2028    | FY2029 |             |
| Project Funding                                             |             |             |           |           |        |             |
| 2024-100-106-0 - Sedimentation Basin Rehabilitation Project | \$2,267,800 | \$4,770,200 | \$391,000 | \$312,800 | \$0    | \$7,741,800 |
| PROJECT FUNDING TOTAL                                       | \$2,267,800 | \$4,770,200 | \$391,000 | \$312,800 | \$0    | \$7,741,800 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |             |           |           |        | 5 YEAR TOTAL |
|------------------------|-------------|-------------|-----------|-----------|--------|--------------|
|                        | FY2025      | FY2026      | FY2027    | FY2028    | FY2029 |              |
| Project Funding        |             |             |           |           |        |              |
| Debt (Revenue Bonds)   | \$2,267,800 | \$4,770,200 | \$391,000 | \$312,800 | \$0    | \$7,741,800  |
| PROJECT FUNDING TOTAL  | \$2,267,800 | \$4,770,200 | \$391,000 | \$312,800 | \$0    | \$7,741,800  |

# Sludge Chamber Project

## Project Description

Replacement of existing sludge pump and related components.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Quality of Service, Risk of Failure

**Project Justification:** The submersible pumps are not operational because they are not capable of handling the type of sludge coming from the clarifier drainage. The pump system needs to be designed to ensure the proper pump size and selection suitable for sludge handling is utilized.

**Risk(s):** Inefficient operations resulting from an aged facility that does not align with industry standard practices.

**Impact on Operations:** Increased operating efficiency, flexibility, reliability, and life expectancy.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                             |             |        |        |        |        | TOTAL       |
|--------------------------------------------------------------------|-------------|--------|--------|--------|--------|-------------|
|                                                                    | FY2025      | FY2026 | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                                    |             |        |        |        |        |             |
| 2021-322-102-0 - Sludge Chamber Pump Project                       | \$214,446   | \$0    | \$0    | \$0    | \$0    | \$214,446   |
| 2021-322-102-2 - Sludge Chamber Pump Project - General             | \$828,038   | \$0    | \$0    | \$0    | \$0    | \$828,038   |
| 2021-322-102-3 - Sludge Chamber Pump Project - Mechanical/Electric | \$289,988   | \$0    | \$0    | \$0    | \$0    | \$289,988   |
| PROJECT FUNDING TOTAL                                              | \$1,332,472 | \$0    | \$0    | \$0    | \$0    | \$1,332,472 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |        |        |        | 5 YEAR TOTAL |             |
|------------------------|-------------|--------|--------|--------|--------------|-------------|
|                        | FY2025      | FY2026 | FY2027 | FY2028 | FY2029       |             |
| Project Funding        |             |        |        |        |              |             |
| Debt (Revenue Bonds)   | \$289,988   | \$0    | \$0    | \$0    | \$0          | \$289,988   |
| Debt (Project Fund)    | \$1,042,484 | \$0    | \$0    | \$0    | \$0          | \$1,042,484 |
| PROJECT FUNDING TOTAL  | \$1,332,472 | \$0    | \$0    | \$0    | \$0          | \$1,332,472 |

# Vector Pit Decant Facility Renovation/ Replacement

## Project Description

Design/evaluation and construction of a renovated/replacement Vector Dewatering Facility.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Improved Efficiency/ Effectiveness

**Project Justification:** Project is necessary to address a poorly functioning pit facility which is difficult to maintain. Project will provide adequate location for the handling and processing of the ongoing debris generated from Pittsburgh Water's direct/internal cleaning of sewers and catch basins. Project will also provide for handling the debris from Pittsburgh Water's vendors (e.g., catch basin cleaning debris), in lieu of the vendors directly hauling the wastes to a remote disposal site.

**Risk(s):** Inefficient operations resulting from an aged facility that do not align with industry standard practices.

**Impact on Operations:** It is anticipated that the expansion/replacement of the vector pit to accommodate Pittsburgh Water's vendors will eliminate the need for vendors to dispose of debris at sites remote from City limits. This should allow vendors to bid more competitively on contracts.

**DSIC Eligible:** No

## Project Funding

|                                                                     | 2025-2029 CAPITAL PLAN |           |           |           |        | TOTAL       |
|---------------------------------------------------------------------|------------------------|-----------|-----------|-----------|--------|-------------|
|                                                                     | FY2025                 | FY2026    | FY2027    | FY2028    | FY2029 |             |
| Project Funding                                                     |                        |           |           |           |        |             |
| 2025-100-103-0 - Vector Pit Decant Facility Renovation/ Replacement | \$175,000              | \$285,000 | \$927,500 | \$927,500 | \$0    | \$2,315,000 |
| PROJECT FUNDING TOTAL                                               | \$175,000              | \$285,000 | \$927,500 | \$927,500 | \$0    | \$2,315,000 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |           |           |           |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-----------|-----------|-----------|--------|--------------|
|                       | FY2025                 | FY2026    | FY2027    | FY2028    | FY2029 |              |
| Project Funding       |                        |           |           |           |        |              |
| Debt (Revenue Bonds)  | \$175,000              | \$285,000 | \$927,500 | \$927,500 | \$0    | \$2,315,000  |
| PROJECT FUNDING TOTAL | \$175,000              | \$285,000 | \$927,500 | \$927,500 | \$0    | \$2,315,000  |

# Water Treatment Plant 84-Inch Diameter Line Rehabilitation

## Project Description

Replacement of various isolation valves at the plant and the encasement of an existing 84-inch diameter pipe coupling and lining of the conduit between the clarifiers and the filter building.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Risk of Failure, Quality of Service

**Project Justification:** This 84-inch coupling presents a single source of failure at the WTP. Water from the sedimentation basins travels through a single 84-inch diameter main to the filters. There is a coupling on this main that is highly corroded and at risk of failure. Proactive repair/maintenance will reduce the chance of complete failure of the asset.

**Risk(s):** Customers may experience service disruption.

**Impact on Operations:** An inability to route water through the sedimentation basins will lead to an inability to meet water quality regulations.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                                              |             |             |        |        |        | TOTAL       |
|-------------------------------------------------------------------------------------|-------------|-------------|--------|--------|--------|-------------|
|                                                                                     | FY2025      | FY2026      | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                                                     |             |             |        |        |        |             |
| 2023-100-106-1 - Water Treatment Plant 84-Inch Diameter Line Rehabilitation Project | \$1,234,798 | \$3,653,683 | \$0    | \$0    | \$0    | \$4,888,481 |
| PROJECT FUNDING TOTAL                                                               | \$1,234,798 | \$3,653,683 | \$0    | \$0    | \$0    | \$4,888,481 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |             |        |        |        | 5 YEAR TOTAL |
|------------------------|-------------|-------------|--------|--------|--------|--------------|
|                        | FY2025      | FY2026      | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |             |             |        |        |        |              |
| Debt (Revenue Bonds)   | \$1,234,798 | \$3,653,683 | \$0    | \$0    | \$0    | \$4,888,481  |
| PROJECT FUNDING TOTAL  | \$1,234,798 | \$3,653,683 | \$0    | \$0    | \$0    | \$4,888,481  |

# Water Treatment Plant Chemical Building Storage Tank Improvements

## Project Description

The project involves three ferric chloride storage tanks and requires each tank to be individually removed from service, drained, old liner removed, bottom cone replaced, and a new liner installed. The tank will then be hydrostatically tested before being placed back into service and moving to the next tank. All work will be overseen by a certified tank installer and proper documentation filed with the PADEP for the work on the registered storage tanks. In addition, this project will install new remote fill point spill containment lockers to better contain any drips during the unloading process.

## Project Details

**Phase:** Other

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** Pittsburgh Water maintains three above-ground storage tanks for ferric chloride, which is a primary chemical used for coagulation in the drinking water treatment process. These steel tanks are lined to protect against the highly corrosive property of ferric chloride. However, due to the age of the liner regulatory inspections have determined the liners require replacement. In addition, the bottom cone section of each tank has lost wall thickness due to age and requires replacement. This work is needed to maintain storage of the chemical and to comply with regulatory inspections.

**Risk(s):** Compliance violation for improper operation of an above-ground storage tank system. Product leakage resulting in emergency cleanup and disposal of a hazardous waste. Catastrophic failure resulting in employee safety concerns and loss of water treatment capacity or capability.

**Impact on Operations:** Water treatment can continue while one tank at a time is out of service for liner replacement. During this time more frequent deliveries are required to maintain chemical volumes with reduced storage capacity.

**DSIC Eligible:** No

## Project Funding

|                                                                                    | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL     |
|------------------------------------------------------------------------------------|------------------------|--------|--------|--------|--------|-----------|
|                                                                                    | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                                                    |                        |        |        |        |        |           |
| 2023-100-111-0 - Water Treatment Plant Chemical Building Storage Tank Improvements | \$125,000              | \$0    | \$0    | \$0    | \$0    | \$125,000 |
| PROJECT FUNDING TOTAL                                                              | \$125,000              | \$0    | \$0    | \$0    | \$0    | \$125,000 |

# Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$125,000 | \$0    | \$0    | \$0    | \$0    | \$125,000    |
| PROJECT FUNDING TOTAL  | \$125,000 | \$0    | \$0    | \$0    | \$0    | \$125,000    |

# Water Treatment Plant Entrance Improvements

## Project Description

Improvements to the Water Treatment Plant's entrance.

## Project Details

**Phase:** Design

**Priority:** Safety, Quality of Service

**Project Justification:** The project is necessary to facilitate safe access to the treatment plant by employees and contractors during the ongoing and future extensive construction work and daily operations of the plant. Traffic will back up on to Freeport Road without these improvements increasing the risk of a traffic or train accident.

**Risk(s):** Traffic and train accidents with increased vehicular traffic at the plant.

**Impact on Operations:** None

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                       |           |        |        |        |        | TOTAL     |
|--------------------------------------------------------------|-----------|--------|--------|--------|--------|-----------|
|                                                              | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                              |           |        |        |        |        |           |
| 2025-100-100-0 - Water Treatment Plant Entrance Improvements | \$265,000 | \$0    | \$0    | \$0    | \$0    | \$265,000 |
| PROJECT FUNDING TOTAL                                        | \$265,000 | \$0    | \$0    | \$0    | \$0    | \$265,000 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$265,000 | \$0    | \$0    | \$0    | \$0    | \$265,000    |
| PROJECT FUNDING TOTAL  | \$265,000 | \$0    | \$0    | \$0    | \$0    | \$265,000    |

# Water Treatment Plant Filter Building Roof

## Project Description

Roof and parapet flashing replacement at the Water Treatment Plant filter building.

## Project Details

**Phase:** Inactive

**Priority:** Safety, Security, Risk of Failure, Quality of Service

**Project Justification:** The existing roof is aged and in need of replacement.

**Risk(s):** Continued deterioration of the roof could result in an emergency replacement.

**Impact on Operations:** Decrease in yearly maintenance for the existing roof.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                      |        |             |        |        |        | TOTAL       |
|-------------------------------------------------------------|--------|-------------|--------|--------|--------|-------------|
|                                                             | FY2025 | FY2026      | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                             |        |             |        |        |        |             |
| 2024-100-103-0 - Water Treatment Plant Filter Building Roof | \$0    | \$3,500,000 | \$0    | \$0    | \$0    | \$3,500,000 |
| PROJECT FUNDING TOTAL                                       | \$0    | \$3,500,000 | \$0    | \$0    | \$0    | \$3,500,000 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |        |             |        |        |        | 5 YEAR TOTAL |
|------------------------|--------|-------------|--------|--------|--------|--------------|
|                        | FY2025 | FY2026      | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |        |             |        |        |        |              |
| Debt (Revenue Bonds)   | \$0    | \$3,500,000 | \$0    | \$0    | \$0    | \$3,500,000  |
| PROJECT FUNDING TOTAL  | \$0    | \$3,500,000 | \$0    | \$0    | \$0    | \$3,500,000  |

# Water Treatment Plant Contingency

## Project Description

Water Treatment Plant contingency project pass-trough.

## Project Details

**Phase:** Not applicable

**Priority:** Not applicable

**Project Justification:** Improved efficiency of capital improvement fund management.

**Risk(s):** No identified risks.

**Impact on Operations:** Improved efficiency of capital improvement plan management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                             |        |        |        |        |        | TOTAL |
|----------------------------------------------------|--------|--------|--------|--------|--------|-------|
|                                                    | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |       |
| Project Funding                                    |        |        |        |        |        |       |
| 2025-100-105-0 - Water Treatment Plant Contingency | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |
| PROJECT FUNDING TOTAL                              | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |

## Funding Sources

| 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |
|------------------------|--------|--------|--------|--------|--------------|
|                        | FY2025 | FY2026 | FY2027 | FY2028 | FY2029       |
| Project Funding        |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$0    | \$0    | \$0    | \$0    | \$0          |
| PROJECT FUNDING TOTAL  | \$0    | \$0    | \$0    | \$0    | \$0          |

# Water Pumping & Storage

## Category Summary

Projects within this category improve, maintain, or replace assets within the distribution system that transports and stores water that is utilized by Pittsburgh Water customers. The system contains 1 raw water pump station located along the Allegheny River, 10 finished water pump stations, 4 finished water reservoirs, 1 source water reservoir, and 11 storage tanks. These assets are critical to ensure that appropriate water levels are always maintained and available for customers.

## Project Summary Table

| 2025-2029 CAPITAL PLAN                                                                        |                     |                     |                      |                     | 5 YEAR TOTAL |                      |
|-----------------------------------------------------------------------------------------------|---------------------|---------------------|----------------------|---------------------|--------------|----------------------|
|                                                                                               | FY2025              | FY2026              | FY2027               | FY2028              | FY2029       |                      |
| <b>Project Funding</b>                                                                        |                     |                     |                      |                     |              |                      |
| Aspinwall and Fox Chapel Interim Feed                                                         | \$539,200           | \$4,862,604         | \$1,711,721          | \$454,581           | \$0          | \$7,568,106          |
| Aspinwall Pump Station Improvements, Bruecken Pump Station Improvements, and Clearwell Bypass | \$34,368,736        | \$78,419,004        | \$91,447,113         | \$46,897,050        | \$0          | \$251,131,903        |
| Bruecken Pumps No. 4, 5, and 7 Starter Replacements                                           | \$731,028           | \$0                 | \$0                  | \$0                 | \$0          | \$731,028            |
| Chlorine Booster Station Improvements                                                         | \$353,823           | \$0                 | \$0                  | \$0                 | \$0          | \$353,823            |
| Herron Hill Reservoir Improvements                                                            | \$10,000            | \$0                 | \$0                  | \$0                 | \$0          | \$10,000             |
| Herron Hill Reservoir Improvements - Sodium Hypochlorite Building                             | \$414,780           | \$0                 | \$0                  | \$0                 | \$0          | \$414,780            |
| Highland No. 2 Reservoir Liner and Cover Replacements                                         | \$810,916           | \$352,488           | \$9,914,145          | \$10,197,450        | \$0          | \$21,274,999         |
| Highland Reservoir Pump Station and Rising Main                                               | \$24,908,444        | \$13,908,448        | \$0                  | \$0                 | \$0          | \$38,816,892         |
| Lanpher Reservoir Improvements                                                                | \$7,600,857         | \$0                 | \$0                  | \$0                 | \$0          | \$7,600,857          |
| Lincoln Pump Station: Bypass Pump Station Project                                             | \$230,650           | \$0                 | \$0                  | \$0                 | \$0          | \$230,650            |
| Water Pumping & Storage Contingency                                                           | \$0                 | \$0                 | \$0                  | \$0                 | \$0          | \$0                  |
| <b>PROJECT FUNDING TOTAL</b>                                                                  | <b>\$69,968,434</b> | <b>\$97,542,544</b> | <b>\$103,072,979</b> | <b>\$57,549,081</b> | <b>\$0</b>   | <b>\$328,133,038</b> |

# Aspinwall Pump Station, Bruecken Pump Station, and Clearwell Bypass

## Project Description

Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems at the Bruecken and Aspinwall Pump Stations, or replacement with a single high service pump station at the Water Treatment Plant.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** The pump station is in need of renovations and upgrades to maintain service, to restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff. Additionally, the installation of variable frequency drives will reduce water pressure surges during start-up, and it will allow the pumps to operate over a wide range of flow, and to operate while the clearwell is being replaced. Alternately, a new high service pump station to replace the existing pump stations is also being investigated.

**Risk(s):** Pittsburgh Water could experience higher costs for emergency maintenance, and customers could experience a service disruption.

**Impact on Operations:** Increased operating efficiency, flexibility, reliability, and improved safety conditions.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                                          |                     |                     |                     |                     | TOTAL      |                      |
|---------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|------------|----------------------|
|                                                                                 | FY2025              | FY2026              | FY2027              | FY2028              | FY2029     |                      |
| <b>Project Funding</b>                                                          |                     |                     |                     |                     |            |                      |
| 2024-300-100-0 - Aspinwall PS, Bruecken PS, and Clearwell Bypass - Construction | \$4,678,239         | \$8,996,063         | \$12,676,270        | \$12,496,062        | \$0        | \$38,846,634         |
| 2024-300-100-1 - Aspinwall PS, Bruecken PS, and Clearwell Bypass - General      | \$20,823,926        | \$53,273,787        | \$55,898,199        | \$21,228,572        | \$0        | \$151,224,484        |
| 2024-300-100-2 - Aspinwall PS, Bruecken PS, and Clearwell Bypass - Electrical   | \$7,743,023         | \$14,252,755        | \$18,224,336        | \$9,605,192         | \$0        | \$49,825,306         |
| 2024-300-100-3 - Aspinwall PS, Bruecken PS, and Clearwell Bypass - Plumbing     | \$407,418           | \$809,474           | \$1,758,328         | \$1,098,955         | \$0        | \$4,074,175          |
| 2024-300-100-4 - Aspinwall PS, Bruecken PS, and Clearwell Bypass - HVAC         | \$716,130           | \$1,086,925         | \$2,889,980         | \$2,468,269         | \$0        | \$7,161,304          |
| <b>PROJECT FUNDING TOTAL</b>                                                    | <b>\$34,368,736</b> | <b>\$78,419,004</b> | <b>\$91,447,113</b> | <b>\$46,897,050</b> | <b>\$0</b> | <b>\$251,131,903</b> |

# Funding Sources

| 2025-2029 CAPITAL PLAN |              |              |              |              |        | 5 YEAR TOTAL  |
|------------------------|--------------|--------------|--------------|--------------|--------|---------------|
|                        | FY2025       | FY2026       | FY2027       | FY2028       | FY2029 |               |
| Project Funding        |              |              |              |              |        |               |
| PENNVEST               | \$34,368,736 | \$78,419,004 | \$60,789,630 | \$34,772,997 | \$0    | \$208,350,367 |
| Debt (Revenue Bonds)   | \$0          | \$0          | \$0          | \$12,124,053 | \$0    | \$12,124,053  |
| WIFIA                  | \$0          | \$0          | \$30,657,483 | \$0          | \$0    | \$30,657,483  |
| PROJECT FUNDING TOTAL  | \$34,368,736 | \$78,419,004 | \$91,447,113 | \$46,897,050 | \$0    | \$251,131,903 |

# Aspinwall and Fox Chapel Interim Feed

## Project Description

Design of alternative feed to Aspinwall and Fox Chapel during the construction of the clearwell bypass.

## Project Details

**Phase:** Design

**Priority:** Quality of Service, Social Impact, Regulatory Compliance

**Project Justification:** The Aspinwall Pump Station to Lanpher Reservoir Rising Main project was growing to exceed reasonable budget expectations. An alternate method to ensure contact time for Fox Chapel and Aspinwall will be explored as an alternative to the Lanpher Rising Main Project.

**Risk(s):** Excessive cost of the Lanpher Rising Main, delays due to permitting and borough negotiations, difficult operations due to two mains.

**Impact on Operations:** The Lanpher Rising Main is proving to likely be difficult to operate. This option will allow the Aspinwall Pumps to decrease in size as well as provide more bandwidth for pump operation.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                 |           |             |             |           |        | TOTAL       |
|--------------------------------------------------------|-----------|-------------|-------------|-----------|--------|-------------|
|                                                        | FY2025    | FY2026      | FY2027      | FY2028    | FY2029 |             |
| Project Funding                                        |           |             |             |           |        |             |
| 2023-300-113-0 - Aspinwall and Fox Chapel Interim Feed | \$539,200 | \$4,862,604 | \$1,711,721 | \$454,581 | \$0    | \$7,568,106 |
| PROJECT FUNDING TOTAL                                  | \$539,200 | \$4,862,604 | \$1,711,721 | \$454,581 | \$0    | \$7,568,106 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |             |             |           |        | 5 YEAR TOTAL |
|------------------------|-----------|-------------|-------------|-----------|--------|--------------|
|                        | FY2025    | FY2026      | FY2027      | FY2028    | FY2029 |              |
| Project Funding        |           |             |             |           |        |              |
| Debt (Revenue Bonds)   | \$0       | \$1,580,585 | \$1,711,721 | \$454,581 | \$0    | \$3,746,887  |
| WIFIA                  | \$539,200 | \$3,282,019 | \$0         | \$0       | \$0    | \$3,821,219  |
| PROJECT FUNDING TOTAL  | \$539,200 | \$4,862,604 | \$1,711,721 | \$454,581 | \$0    | \$7,568,106  |

# Bruecken Pumps No. 4, 5, and 7 Starter Replacements

## Project Description

Replacement of Bruecken Pump Station motor starters for Pumps No. 4, 5, and 7.

## Project Details

**Phase:** Construction

**Priority:** Quality of Service, Risk of Failure

**Project Justification:** The motor starters failed and require immediate replacement.

**Risk(s):** May cause service disruptions.

**Impact on Operations:** Increased operating efficiency, flexibility, and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                                      | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL     |
|----------------------------------------------------------------------|------------------------|--------|--------|--------|--------|-----------|
|                                                                      | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                                      |                        |        |        |        |        |           |
| 2022-323-101-0 - Bruecken Pumps No. 4, 5, and 7 Starter Replacements | \$731,028              | \$0    | \$0    | \$0    | \$0    | \$731,028 |
| PROJECT FUNDING TOTAL                                                | \$731,028              | \$0    | \$0    | \$0    | \$0    | \$731,028 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |        |        |        |        |              |
| Debt (Revenue Bonds)  | \$731,028              | \$0    | \$0    | \$0    | \$0    | \$731,028    |
| PROJECT FUNDING TOTAL | \$731,028              | \$0    | \$0    | \$0    | \$0    | \$731,028    |

# Chlorine Booster Station Improvements

## Project Description

Replacement of existing chlorine injection facilities at reservoirs and tanks for chlorine residual.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** Pittsburgh Water boosts chlorine residual at a majority of its storage facilities. Recent changes to PADEP regulations require an increase in minimum chlorine residual levels in the distribution system. All chlorine booster facilities need to be upgraded to meet these requirements.

**Risk(s):** Negative impacts to water quality.

**Impact on Operations:** Increased flexibility and reliability, system compliance, and improved safety conditions.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                 |           |        |        |        |        | TOTAL     |
|--------------------------------------------------------|-----------|--------|--------|--------|--------|-----------|
|                                                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                        |           |        |        |        |        |           |
| 2019-323-101-0 - Chlorine Booster Station Improvements | \$353,823 | \$0    | \$0    | \$0    | \$0    | \$353,823 |
| PROJECT FUNDING TOTAL                                  | \$353,823 | \$0    | \$0    | \$0    | \$0    | \$353,823 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$353,823 | \$0    | \$0    | \$0    | \$0    | \$353,823    |
| PROJECT FUNDING TOTAL  | \$353,823 | \$0    | \$0    | \$0    | \$0    | \$353,823    |

# Herron Hill Reservoir Improvements

## Project Description

Replacement of existing reservoir liner and cover and associated reservoir rehabilitation. Replacement of existing chlorine injection system.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Risk of Failure, Quality of Service

**Project Justification:** The existing cover has reached the end of its useful life and must be replaced. Existing chlorine feed systems are beyond their useful life and must be replaced.

**Risk(s):** Exposes Pittsburgh Water's customers to poor water quality from reservoir failure and inadequate booster disinfection.

**Impact on Operations:** Increased flexibility and reliability, system compliance, and improved safety conditions.

**DSIC Eligible:** No

## Project Funding

|                                                     | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL    |
|-----------------------------------------------------|------------------------|--------|--------|--------|--------|----------|
|                                                     | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |          |
| Project Funding                                     |                        |        |        |        |        |          |
| 2019-323-100-0 - Herron Hill Reservoir Improvements | \$10,000               | \$0    | \$0    | \$0    | \$0    | \$10,000 |
| PROJECT FUNDING TOTAL                               | \$10,000               | \$0    | \$0    | \$0    | \$0    | \$10,000 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |        |        |        |        |              |
| Debt (Revenue Bonds)  | \$10,000               | \$0    | \$0    | \$0    | \$0    | \$10,000     |
| PROJECT FUNDING TOTAL | \$10,000               | \$0    | \$0    | \$0    | \$0    | \$10,000     |

# Herron Hill Reservoir Improvements - Sodium Hypochlorite Building

## Project Description

Replacement of existing chlorine injection system.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Risk of Failure, Quality of Service

**Project Justification:** Existing chlorine feed systems are beyond their useful life and must be replaced.

**Risk(s):** Exposes the Pittsburgh Water's customers to poor water quality and possible PADEP violations due to inadequate booster disinfection.

**Impact on Operations:** Increased flexibility and reliability, system compliance, and improved safety conditions.

**DSIC Eligible:** No

## Project Funding

|                                                                                              | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL     |
|----------------------------------------------------------------------------------------------|------------------------|--------|--------|--------|--------|-----------|
|                                                                                              | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                                                              |                        |        |        |        |        |           |
| 2019-323-100-1 - Herron Hill Reservoir Improvements - Sodium Hypochlorite Building - General | \$414,780              | \$0    | \$0    | \$0    | \$0    | \$414,780 |
| PROJECT FUNDING TOTAL                                                                        | \$414,780              | \$0    | \$0    | \$0    | \$0    | \$414,780 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |        |        |        |        |              |
| Debt (Revenue Bonds)  | \$414,780              | \$0    | \$0    | \$0    | \$0    | \$414,780    |
| PROJECT FUNDING TOTAL | \$414,780              | \$0    | \$0    | \$0    | \$0    | \$414,780    |

# Highland No. 2 Reservoir Liner and Cover Replacements

## Project Description

Replacement of existing reservoir liner and cover and associated reservoir rehabilitation. Replacement of existing chlorine injection system and an upgrade of the reservoir outlet structure.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** The Highland No. 2 Reservoir will be used as a temporary clearwell while the new clearwell is being constructed. Existing chlorine feed facilities must be upgraded to meet PADEP regulatory requirements for the distribution of chlorine residual. The existing reservoir outlet structure must be upgraded to accommodate new Highland Reservoir Pump Station.

**Risk(s):** Pittsburgh Water could experience poor water quality and regulatory violations.

**Impact on Operations:** Increased flexibility and reliability, system compliance, and improved safety conditions.

**DSIC Eligible:** No

## Project Funding

|                                                                              | 2025-2029 CAPITAL PLAN |           |             |              |        | TOTAL        |
|------------------------------------------------------------------------------|------------------------|-----------|-------------|--------------|--------|--------------|
|                                                                              | FY2025                 | FY2026    | FY2027      | FY2028       | FY2029 |              |
| Project Funding                                                              |                        |           |             |              |        |              |
| 2019-323-102-2 - Highland No. 2 Reservoir Dam Permitting and Slope Stability | \$810,916              | \$352,488 | \$9,914,145 | \$10,197,450 | \$0    | \$21,274,999 |
| PROJECT FUNDING TOTAL                                                        | \$810,916              | \$352,488 | \$9,914,145 | \$10,197,450 | \$0    | \$21,274,999 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |           |             |              |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-----------|-------------|--------------|--------|--------------|
|                       | FY2025                 | FY2026    | FY2027      | FY2028       | FY2029 |              |
| Project Funding       |                        |           |             |              |        |              |
| Debt (Revenue Bonds)  | \$810,916              | \$352,488 | \$9,914,145 | \$10,197,450 | \$0    | \$21,274,999 |
| PROJECT FUNDING TOTAL | \$810,916              | \$352,488 | \$9,914,145 | \$10,197,450 | \$0    | \$21,274,999 |

# Highland Reservoir Pump Station and Rising Main

## Project Description

Construction of a new finished water pump station and transmission main to supply water to the Highland No. 1 service area from the Highland No. 2 Reservoir.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** All the water supply for the Highland No. 1 service area currently flows through the Highland No. 1 Reservoir. There is no other source water supply for the Highland No. 1 service area. In addition to providing alternate supply, this project is to temporarily provide finished water that meets the chlorine disinfection rules to the Highland No. 1 service area during the Clearwell Replacement Project. Additionally, this new facility could also be designed to service the Garfield pressure district, thus eliminating the rehabilitation of the Highland Pump Station.

**Risk(s):** Customers may experience service disruption.

**Impact on Operations:** Increased operation and maintenance labor and expenses. Increased operating flexibility in the future.

**DSIC Eligible:** No

## Project Funding

|                                                                               | 2025-2029 CAPITAL PLAN |                     |            |            |            | TOTAL               |
|-------------------------------------------------------------------------------|------------------------|---------------------|------------|------------|------------|---------------------|
|                                                                               | FY2025                 | FY2026              | FY2027     | FY2028     | FY2029     |                     |
| <b>Project Funding</b>                                                        |                        |                     |            |            |            |                     |
| 2017-323-101-0 - Highland Reservoir Pump Station and Rising Main              | \$4,803,659            | \$2,139,076         | \$0        | \$0        | \$0        | \$6,942,735         |
| 2017-323-101-1 - Highland Reservoir Pump Station and Rising Main - General    | \$14,258,113           | \$7,320,698         | \$0        | \$0        | \$0        | \$21,578,811        |
| 2017-323-101-2 - Highland Reservoir Pump Station and Rising Main - Electrical | \$4,851,122            | \$3,640,657         | \$0        | \$0        | \$0        | \$8,491,779         |
| 2017-323-101-3 - Highland Reservoir Pump Station and Rising Main - HVAC       | \$550,866              | \$414,838           | \$0        | \$0        | \$0        | \$965,704           |
| 2017-323-101-4 - Highland Reservoir Pump Station and Rising Main - Plumbing   | \$444,684              | \$393,179           | \$0        | \$0        | \$0        | \$837,863           |
| <b>PROJECT FUNDING TOTAL</b>                                                  | <b>\$24,908,444</b>    | <b>\$13,908,448</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$38,816,892</b> |

## Funding Sources

|                              | 2025-2029 CAPITAL PLAN |                     |            |            |            | 5 YEAR TOTAL        |
|------------------------------|------------------------|---------------------|------------|------------|------------|---------------------|
|                              | FY2025                 | FY2026              | FY2027     | FY2028     | FY2029     |                     |
| <b>Project Funding</b>       |                        |                     |            |            |            |                     |
| Debt (Revenue Bonds)         | \$24,908,444           | \$13,908,448        | \$0        | \$0        | \$0        | \$38,816,892        |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$24,908,444</b>    | <b>\$13,908,448</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$38,816,892</b> |

# Lanpher Reservoir Improvements

## Project Description

Replacement of existing reservoir liner and cover and associated reservoir rehabilitation. Replacement of existing chlorine injection system.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** The existing cover failed and had to be replaced on an emergency basis as part of the PADEP October 2017 Administrative Order. Existing chlorine feed systems are beyond their useful life and must be replaced.

**Risk(s):** Exposes Pittsburgh Water's customers to poor water quality from reservoir failure and inadequate booster disinfection.

**Impact on Operations:** Increased flexibility and reliability, system compliance, and improved safety conditions.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                                                    |                    |            |            |            |            | TOTAL              |
|-------------------------------------------------------------------------------------------|--------------------|------------|------------|------------|------------|--------------------|
|                                                                                           | FY2025             | FY2026     | FY2027     | FY2028     | FY2029     |                    |
| <b>Project Funding</b>                                                                    |                    |            |            |            |            |                    |
| 2017-323-105-0 - Lanpher Reservoir Improvements                                           | \$1,142,013        | \$0        | \$0        | \$0        | \$0        | \$1,142,013        |
| 2017-323-105-4 - Lanpher Reservoir Booster Disinfection Improvements - Construction       | \$1,342,456        | \$0        | \$0        | \$0        | \$0        | \$1,342,456        |
| 2017-323-105-5 - Lanpher Reservoir Booster Disinfection Improvements - General/Mechanical | \$3,622,300        | \$0        | \$0        | \$0        | \$0        | \$3,622,300        |
| 2017-323-105-6 - Lanpher Reservoir Booster Disinfection Improvements - Electrical         | \$693,340          | \$0        | \$0        | \$0        | \$0        | \$693,340          |
| 2017-323-105-7 - Lanpher Reservoir Booster Disinfection Improvements - HVAC               | \$581,000          | \$0        | \$0        | \$0        | \$0        | \$581,000          |
| 2017-323-105-8 - Lanpher Reservoir Booster Disinfection Improvements - Plumbing           | \$207,000          | \$0        | \$0        | \$0        | \$0        | \$207,000          |
| 2017-323-105-9 - Lanpher Reservoir Dam Permitting                                         | \$12,748           | \$0        | \$0        | \$0        | \$0        | \$12,748           |
| <b>PROJECT FUNDING TOTAL</b>                                                              | <b>\$7,600,857</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$7,600,857</b> |

## Funding Sources

| 2025-2029 CAPITAL PLAN       |                    |            |            |            |            | 5 YEAR TOTAL       |
|------------------------------|--------------------|------------|------------|------------|------------|--------------------|
|                              | FY2025             | FY2026     | FY2027     | FY2028     | FY2029     |                    |
| <b>Project Funding</b>       |                    |            |            |            |            |                    |
| Debt (Revenue Bonds)         | \$12,748           | \$0        | \$0        | \$0        | \$0        | \$12,748           |
| Debt (Project Fund)          | \$7,588,109        | \$0        | \$0        | \$0        | \$0        | \$7,588,109        |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$7,600,857</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$7,600,857</b> |

# Lincoln Pump Station: Bypass Pump Station Project

## Project Description

Construction of a temporary bypass pump station that will be used at the Lincoln Pump Station and Saline Pump Station. This pump station will allow for the existing pump station to be taken off line completely for rehabilitation.

## Project Details

**Phase:** Construction

**Priority:** Safety, Quality of Service

**Project Justification:** Repair of the existing pump station while trying to keep it online increases the cost and construction time. This is a cost-effective way to provide temporary pumping.

**Risk(s):** Delaying the construction of this pump station will delay the renewal of existing pump stations that are in need of upgrades.

**Impact on Operations:** Decrease in yearly maintenance for the existing system.

**DSIC Eligible:** No

## Project Funding

|                                                                                 | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL     |
|---------------------------------------------------------------------------------|------------------------|--------|--------|--------|--------|-----------|
|                                                                                 | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                                                 |                        |        |        |        |        |           |
| 2020-323-100-0 - Lincoln Pump Station: Bypass Pump Station Project              | \$10,000               | \$0    | \$0    | \$0    | \$0    | \$10,000  |
| 2020-323-100-1 - Lincoln Pump Station: Bypass Pump Station Project - General    | \$190,200              | \$0    | \$0    | \$0    | \$0    | \$190,200 |
| 2020-323-100-2 - Lincoln Pump Station: Bypass Pump Station Project - Electrical | \$30,450               | \$0    | \$0    | \$0    | \$0    | \$30,450  |
| PROJECT FUNDING TOTAL                                                           | \$230,650              | \$0    | \$0    | \$0    | \$0    | \$230,650 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$230,650 | \$0    | \$0    | \$0    | \$0    | \$230,650    |
| PROJECT FUNDING TOTAL  | \$230,650 | \$0    | \$0    | \$0    | \$0    | \$230,650    |

# Water Pumping & Storage Contingency

## Project Description

Water Pumping & Storage contingency project pass-through.

## Project Details

**Phase:** Not Applicable

**Priority:** Not Applicable

**Project Justification:** Improved efficiency of capital improvement fund management.

**Risk(s):** No identified risks.

**Impact on Operations:** Improved efficiency of capital improvement plan management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                               |        |        |        |        |        | TOTAL |
|------------------------------------------------------|--------|--------|--------|--------|--------|-------|
|                                                      | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |       |
| Project Funding                                      |        |        |        |        |        |       |
| 2025-300-103-0 - Water Pumping & Storage Contingency | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |
| PROJECT FUNDING TOTAL                                | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |

## Funding Sources

| 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |     |
|------------------------|--------|--------|--------|--------|--------------|-----|
|                        | FY2025 | FY2026 | FY2027 | FY2028 | FY2029       |     |
| Project Funding        |        |        |        |        |              |     |
| Debt (Revenue Bonds)   | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |
| PROJECT FUNDING TOTAL  | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |

# Water Distribution

## Category Summary

Projects within this category improve, maintain, or replace various aspects of the distribution system responsible for providing safe and clean drinking water to Pittsburgh Water customers. The drinking water system contains approximately 965 miles of water lines and over 32,000 valves and fire hydrants. The distribution process begins at the Pittsburgh Water Treatment Plant where water is pulled from the Allegheny River, processed for treatment, and ends at private service lines. Pittsburgh Water continually conducts compliance monitoring and sample testing and is committed to providing customers with the highest quality drinking water that exceeds EPA standards.

## Project Summary Table

| 2025-2029 CAPITAL PLAN                                           |               |               |               |              | 5 YEAR TOTAL |               |
|------------------------------------------------------------------|---------------|---------------|---------------|--------------|--------------|---------------|
|                                                                  | FY2025        | FY2026        | FY2027        | FY2028       | FY2029       |               |
| Project Funding                                                  |               |               |               |              |              |               |
| Interconnection Vault Stormwater Removal                         | \$902,260     | \$0           | \$0           | \$0          | \$0          | \$902,260     |
| Intermediate Meter Replacement Program                           | \$205,000     | \$221,500     | \$238,825     | \$257,016    | \$276,117    | \$1,198,458   |
| Large Diameter Water Main Program                                | \$2,192,936   | \$19,733,691  | \$0           | \$0          | \$0          | \$21,926,627  |
| Large Meter Replacement Program                                  | \$200,120     | \$222,626     | \$246,257     | \$271,070    | \$297,123    | \$1,237,196   |
| Neighborhood Lead Service Line Replacement Program               | \$50,931,646  | \$60,770,404  | \$64,693,568  | \$8,552,963  | \$0          | \$184,948,581 |
| Private Lead Service Line Reimbursement                          | \$500,000     | \$500,000     | \$500,000     | \$300,000    | \$0          | \$1,800,000   |
| Small Diameter Water Main Replacement Program                    | \$74,188,361  | \$60,800,003  | \$76,205,405  | \$12,883,159 | \$51,810,000 | \$275,886,928 |
| Small Meter Replacement Program                                  | \$990,000     | \$1,039,500   | \$1,091,475   | \$396,049    | \$453,351    | \$3,970,375   |
| Urgent Lead Service Line Replacement Program                     | \$1,728,931   | \$683,323     | \$227,774     | \$0          | \$0          | \$2,640,028   |
| Valve Replacement Program                                        | \$3,250,509   | \$3,109,019   | \$3,188,361   | \$3,170,353  | \$3,170,000  | \$15,888,242  |
| Water and Wastewater Safety and Security Improvements (PENNVEST) | \$5,381,580   | \$0           | \$0           | \$0          | \$0          | \$5,381,580   |
| Water Relay Program                                              | \$4,005,896   | \$5,061,277   | \$5,718,147   | \$6,104,212  | \$4,742,921  | \$25,632,453  |
| Water Distribution Contingency                                   | \$0           | \$0           | \$0           | \$0          | \$0          | \$0           |
| PROJECT FUNDING TOTAL                                            | \$144,477,239 | \$152,141,343 | \$152,109,812 | \$31,934,822 | \$60,749,512 | \$541,412,728 |

# Interconnection Vault Stormwater Removal

## Project Description

The purpose of this project is to install permanent sump pumps for stormwater dewatering at all of our interconnection vault locations. This project is required by a Consent Order Agreement.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Risk of Failure, Quality of Service

**Project Justification:** This project is required by a Consent Order Agreement.

**Risk(s):** Failure to maintain regulatory compliance.

**Impact on Operations:** Improved system efficiency.

**DSIC Eligible:** No

## Project Funding

|                                                           | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL     |
|-----------------------------------------------------------|------------------------|--------|--------|--------|--------|-----------|
|                                                           | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                           |                        |        |        |        |        |           |
| 2022-325-102-0 - Interconnection Vault Stormwater Removal | \$902,260              | \$0    | \$0    | \$0    | \$0    | \$902,260 |
| PROJECT FUNDING TOTAL                                     | \$902,260              | \$0    | \$0    | \$0    | \$0    | \$902,260 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$902,260 | \$0    | \$0    | \$0    | \$0    | \$902,260    |
| PROJECT FUNDING TOTAL  | \$902,260 | \$0    | \$0    | \$0    | \$0    | \$902,260    |

# Intermediate Meter Replacement Program

## Project Description

Replacement of customer meters size 1.5 inches to 2 inches.

## Project Details

**Phase:** Other

**Priority:** Regulatory Compliance, Quality of Service, Risk of Failure

**Project Justification:** Ensure capture of all revenue. As meters age, they typically underestimate the amount of water consumed.

**Risk(s):** Failure to replace meters annually could result in lost revenue or violate regulatory requirements.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

|                                                         | 2025-2029 CAPITAL PLAN |           |           |           |           | TOTAL       |
|---------------------------------------------------------|------------------------|-----------|-----------|-----------|-----------|-------------|
|                                                         | FY2025                 | FY2026    | FY2027    | FY2028    | FY2029    |             |
| Project Funding                                         |                        |           |           |           |           |             |
| 2021-325-100-0 - Intermediate Meter Replacement Program | \$205,000              | \$221,500 | \$238,825 | \$257,016 | \$276,117 | \$1,198,458 |
| PROJECT FUNDING TOTAL                                   | \$205,000              | \$221,500 | \$238,825 | \$257,016 | \$276,117 | \$1,198,458 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |           |           |           |           | 5 YEAR TOTAL |
|-----------------------|------------------------|-----------|-----------|-----------|-----------|--------------|
|                       | FY2025                 | FY2026    | FY2027    | FY2028    | FY2029    |              |
| Project Funding       |                        |           |           |           |           |              |
| Debt (Revenue Bonds)  | \$205,000              | \$221,500 | \$238,825 | \$257,016 | \$276,117 | \$1,198,458  |
| PROJECT FUNDING TOTAL | \$205,000              | \$221,500 | \$238,825 | \$257,016 | \$276,117 | \$1,198,458  |

# Large Diameter Water Main Program

## Project Description

Strategic replacement or rehabilitation of large diameter water mains (16 inches and larger) and appurtenances to improve system reliability and hydraulics, including internal and external inspections.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** Pittsburgh Water's water system has approximately 122 miles of large diameter water mains. Maintaining a proactive approach to replacing large mains will ensure that large mains are replaced before the end of their useful life.

**Risk(s):** The consequences of failure for larger mains are much greater than for smaller distribution mains, which typically include significant service outages (larger area and longer time frame impacts), as well as property and roadway damage.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

|                                                 | 2025-2029 CAPITAL PLAN |              |        |        |        | TOTAL        |
|-------------------------------------------------|------------------------|--------------|--------|--------|--------|--------------|
|                                                 | FY2025                 | FY2026       | FY2027 | FY2028 | FY2029 |              |
| Project Funding                                 |                        |              |        |        |        |              |
| 2024-200-100-0 - 2024 Large Diameter Water Main | \$2,192,936            | \$19,733,691 | \$0    | \$0    | \$0    | \$21,926,627 |
| PROJECT FUNDING TOTAL                           | \$2,192,936            | \$19,733,691 | \$0    | \$0    | \$0    | \$21,926,627 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |              |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026       | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |              |        |        |        |              |
| Debt (Revenue Bonds)  | \$2,192,936            | \$19,733,691 | \$0    | \$0    | \$0    | \$21,926,627 |
| PROJECT FUNDING TOTAL | \$2,192,936            | \$19,733,691 | \$0    | \$0    | \$0    | \$21,926,627 |

# Large Meter Replacement Program

## Project Description

Annual replacement of water meters larger than 2 inches.

## Project Details

**Phase:** Other

**Priority:** Regulatory Compliance, Quality of Service, Risk of Failure

**Project Justification:** Ensure capture of all revenue. As meters age, they typically underestimate the amount of water consumed.

**Risk(s):** Failure to replace meters annually could result in lost revenue.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

|                                                  | 2025-2029 CAPITAL PLAN |           |           |           |           | TOTAL       |
|--------------------------------------------------|------------------------|-----------|-----------|-----------|-----------|-------------|
|                                                  | FY2025                 | FY2026    | FY2027    | FY2028    | FY2029    |             |
| Project Funding                                  |                        |           |           |           |           |             |
| 2023-200-102-0 - Large Meter Replacement Program | \$200,120              | \$222,626 | \$246,257 | \$271,070 | \$297,123 | \$1,237,196 |
| PROJECT FUNDING TOTAL                            | \$200,120              | \$222,626 | \$246,257 | \$271,070 | \$297,123 | \$1,237,196 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |           |           |           |           | 5 YEAR TOTAL |
|-----------------------|------------------------|-----------|-----------|-----------|-----------|--------------|
|                       | FY2025                 | FY2026    | FY2027    | FY2028    | FY2029    |              |
| Project Funding       |                        |           |           |           |           |              |
| Debt (Revenue Bonds)  | \$200,120              | \$222,626 | \$246,257 | \$271,070 | \$297,123 | \$1,237,196  |
| PROJECT FUNDING TOTAL | \$200,120              | \$222,626 | \$246,257 | \$271,070 | \$297,123 | \$1,237,196  |

# Neighborhood Lead Service Line Replacement Program

## Project Description

Neighborhood Lead Service Line Replacement (LSLR) program to replace all remaining public and private lead service lines within the Pittsburgh Water service area.

## Project Details

**Phase:** Construction, Inactive, Other

**Priority:** Regulatory Compliance, Safety, Risk of Failure, Quality of Service, Social Impact

**Project Justification:** Comply with water quality regulatory requirements.

**Risk(s):** Noncompliance with Pittsburgh Water goals and regulatory requirements.

**Impact on Operations:** Increased operating flexibility, reliability, and water quality.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                                                |                     |                     |                     |                    |            | TOTAL                |
|---------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|--------------------|------------|----------------------|
|                                                                                       | FY2025              | FY2026              | FY2027              | FY2028             | FY2029     |                      |
| <b>Project Funding</b>                                                                |                     |                     |                     |                    |            |                      |
| 2021-325-109-0 - 2022 Neighborhood Lead Service Line Replacement                      | \$471,677           | \$0                 | \$0                 | \$0                | \$0        | \$471,677            |
| 2022-325-104-1 - 2023 Neighborhood Lead Service Line Replacement Program - Contract B | \$2,628,900         | \$0                 | \$0                 | \$0                | \$0        | \$2,628,900          |
| 2024-200-105-0 - 2024 Neighborhood Lead Service Line Replacement - Contract A         | \$5,168,741         | \$0                 | \$0                 | \$0                | \$0        | \$5,168,741          |
| 2024-200-105-2 - 2024 Neighborhood Lead Service Line Replacement - Contract A-1       | \$8,880,789         | \$0                 | \$0                 | \$0                | \$0        | \$8,880,789          |
| 2024-200-105-3 - 2024 Neighborhood Lead Service Line Replacement - Contract A-2       | \$9,164,658         | \$0                 | \$0                 | \$0                | \$0        | \$9,164,658          |
| 2024-200-105-4 - 2024 Neighborhood Lead Service Line Replacement - Contract A-3       | \$8,979,532         | \$0                 | \$0                 | \$0                | \$0        | \$8,979,532          |
| 2024-200-105-1 - 2024 Neighborhood Lead Service Line Replacement - Contract B         | \$12,464,700        | \$4,154,900         | \$0                 | \$0                | \$0        | \$16,619,600         |
| 2025-200-106-0 - 2025 Neighborhood Lead Service Line Replacement - Contract A         | \$3,172,649         | \$28,553,839        | \$0                 | \$0                | \$0        | \$31,726,488         |
| 2025-200-106-1 - 2025 Neighborhood Lead Service Line Replacement - Contract B         | \$0                 | \$24,636,958        | \$8,212,320         | \$0                | \$0        | \$32,849,278         |
| 2026-200-107-0 - 2026 Neighborhood Lead Service Line Replacement - Contract A         | \$0                 | \$3,424,707         | \$30,822,360        | \$0                | \$0        | \$34,247,067         |
| 2026-200-107-3 - 2026 Neighborhood Lead Service Line Replacement - Contract B         | \$0                 | \$0                 | \$25,658,888        | \$8,552,963        | \$0        | \$34,211,851         |
| <b>PROJECT FUNDING TOTAL</b>                                                          | <b>\$50,931,646</b> | <b>\$60,770,404</b> | <b>\$64,693,568</b> | <b>\$8,552,963</b> | <b>\$0</b> | <b>\$184,948,581</b> |

# Funding Sources

| 2025-2029 CAPITAL PLAN |              |              |              |             | 5 YEAR TOTAL |               |
|------------------------|--------------|--------------|--------------|-------------|--------------|---------------|
|                        | FY2025       | FY2026       | FY2027       | FY2028      | FY2029       |               |
| Project Funding        |              |              |              |             |              |               |
| PENNVEST               | \$45,443,826 | \$57,207,129 | \$61,034,922 | \$8,071,477 | \$0          | \$171,757,354 |
| Debt (Revenue Bonds)   | \$5,016,143  | \$3,563,275  | \$3,658,646  | \$481,486   | \$0          | \$12,719,550  |
| ARPA                   | \$471,677    | \$0          | \$0          | \$0         | \$0          | \$471,677     |
| PROJECT FUNDING TOTAL  | \$50,931,646 | \$60,770,404 | \$64,693,568 | \$8,552,963 | \$0          | \$184,948,581 |

# Private Lead Service Line Reimbursement

## Project Description

Reimbursement of private line lead service line costs.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure, Social Impact

**Project Justification:** Replacing both private and public lead service lines is required to eliminate lead in the water system.

**Risk(s):** Failure to replace private lead service lines poses a public health risk.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                   |           |           |           |           |        | TOTAL       |
|----------------------------------------------------------|-----------|-----------|-----------|-----------|--------|-------------|
|                                                          | FY2025    | FY2026    | FY2027    | FY2028    | FY2029 |             |
| Project Funding                                          |           |           |           |           |        |             |
| 2023-200-103-0 - Private Lead Service Line Reimbursement | \$500,000 | \$500,000 | \$500,000 | \$300,000 | \$0    | \$1,800,000 |
| PROJECT FUNDING TOTAL                                    | \$500,000 | \$500,000 | \$500,000 | \$300,000 | \$0    | \$1,800,000 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |           |           |           |        | 5 YEAR TOTAL |
|------------------------|-----------|-----------|-----------|-----------|--------|--------------|
|                        | FY2025    | FY2026    | FY2027    | FY2028    | FY2029 |              |
| Project Funding        |           |           |           |           |        |              |
| Debt (Revenue Bonds)   | \$500,000 | \$500,000 | \$500,000 | \$300,000 | \$0    | \$1,800,000  |
| PROJECT FUNDING TOTAL  | \$500,000 | \$500,000 | \$500,000 | \$300,000 | \$0    | \$1,800,000  |

# Small Diameter Water Main Replacement Program

## Project Description

Strategic replacement of water mains to improve system reliability, improve water pressure, maintain water quality, and minimize disturbance to the community. Program will initially focus on replacing existing 4-inch and 6-inch unlined cast iron mains and mains with a history of frequent breaks.

## Project Details

**Phase:** Construction, Design, Inactive

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure, Social Impact

**Project Justification:** By maintaining a proactive approach to asset management, efforts can be directed towards remedying assets before their failure, thus saving overall replacement cost. Additionally, projects will be coordinated with other utilities to minimize disturbances to the community and street surface restoration costs. Water quality will also improve by removing tuberculated mains.

**Risk(s):** Customers may be subject to service outages or the potential for inadequate pressure.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** Yes

## Project Funding

| 2025-2029 CAPITAL PLAN                                                    |                     |                     |                     |                     |                     | TOTAL                |
|---------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
|                                                                           | FY2025              | FY2026              | FY2027              | FY2028              | FY2029              |                      |
| <b>Project Funding</b>                                                    |                     |                     |                     |                     |                     |                      |
| 2020-325-106-1 - 2021 Small Diameter Water Main Replacement - Contract B  | \$254,088           | \$0                 | \$0                 | \$0                 | \$0                 | \$254,088            |
| 2020-325-106-2 - 2021 Small Diameter Water Main Replacement - Contract C  | \$571,906           | \$0                 | \$0                 | \$0                 | \$0                 | \$571,906            |
| 2021-325-104-0 - 2022 Small Diameter Water Main Replacement               | \$1,856,166         | \$187,060           | \$0                 | \$0                 | \$0                 | \$2,043,226          |
| 2021-325-104-1 - 2022 Small Diameter Water Main Replacement - Contract A1 | \$13,004,474        | \$717,420           | \$0                 | \$0                 | \$0                 | \$13,721,894         |
| 2021-325-104-2 - 2022 Small Diameter Water Main Replacement - Contract B  | \$1,393,832         | \$0                 | \$0                 | \$0                 | \$0                 | \$1,393,832          |
| 2021-325-104-3 - 2022 Small Diameter Water Main Replacement - Contract C  | \$1,367,730         | \$0                 | \$0                 | \$0                 | \$0                 | \$1,367,730          |
| 2021-325-104-4 - 2022 Small Diameter Water Main Replacement - Contract A2 | \$12,430,967        | \$685,806           | \$0                 | \$0                 | \$0                 | \$13,116,773         |
| 2022-325-113-0 - 2023 Small Diameter Water Main Replacement               | \$41,464,706        | \$33,482,353        | \$0                 | \$0                 | \$0                 | \$74,947,059         |
| 2022-325-113-2 - 2023 Small Diameter Water Main Replacement - Contract A1 | \$168,292           | \$168,292           | \$0                 | \$0                 | \$0                 | \$336,584            |
| 2022-325-113-3 - 2023 Small Diameter Water Main Replacement - Contract B1 | \$175,226           | \$260,429           | \$0                 | \$0                 | \$0                 | \$435,655            |
| 2023-200-105-0 - 2024 Small Diameter Water Main Replacement               | \$0                 | \$25,268,653        | \$66,463,571        | \$0                 | \$0                 | \$91,732,224         |
| 2023-200-105-5 - 2024 Small Diameter Water Main Replacement- Contract E   | \$261,817           | \$0                 | \$13,058            | \$13,058            | \$0                 | \$287,933            |
| 2023-200-105-1 - 2024 Small Diameter Water Main Replacement - Contract A  | \$306,533           | \$0                 | \$0                 | \$0                 | \$0                 | \$306,533            |
| 2023-200-105-2 - 2024 Small Diameter Water Main Replacement - Contract B  | \$349,268           | \$13,442            | \$35,355            | \$0                 | \$0                 | \$398,065            |
| 2023-200-105-3 - 2024 Small Diameter Water Main Replacement - Contract C  | \$275,573           | \$16,548            | \$43,522            | \$0                 | \$0                 | \$335,643            |
| 2023-200-105-4 - 2024 Small Diameter Water Main Replacement - Contract D  | \$307,783           | \$0                 | \$0                 | \$0                 | \$0                 | \$307,783            |
| 2025-200-105-0 - 2025 Small Diameter Water Main Replacement               | \$0                 | \$0                 | \$9,649,899         | \$12,350,101        | \$0                 | \$22,000,000         |
| 2029-200-101-1 - 2029 Small Diameter Water Main Replacement- Contract A   | \$0                 | \$0                 | \$0                 | \$260,000           | \$26,400,000        | \$26,660,000         |
| 2029-200-101-4 - 2029 Small Diameter Water Main Replacement- Contract D   | \$0                 | \$0                 | \$0                 | \$260,000           | \$25,410,000        | \$25,670,000         |
| <b>PROJECT FUNDING TOTAL</b>                                              | <b>\$74,188,361</b> | <b>\$60,800,003</b> | <b>\$76,205,405</b> | <b>\$12,883,159</b> | <b>\$51,810,000</b> | <b>\$275,886,928</b> |

## Funding Sources

| 2025-2029 CAPITAL PLAN       |                     |                     |                     |                     |                     | 5 YEAR TOTAL         |
|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
|                              | FY2025              | FY2026              | FY2027              | FY2028              | FY2029              |                      |
| <b>Project Funding</b>       |                     |                     |                     |                     |                     |                      |
| PENNVEST                     | \$65,576,775        | \$53,172,580        | \$57,634,959        | \$0                 | \$0                 | \$176,384,314        |
| Debt (Revenue Bonds)         | \$8,611,586         | \$7,627,423         | \$18,570,446        | \$12,883,159        | \$51,810,000        | \$99,502,614         |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$74,188,361</b> | <b>\$60,800,003</b> | <b>\$76,205,405</b> | <b>\$12,883,159</b> | <b>\$51,810,000</b> | <b>\$275,886,928</b> |

# Small Meter Replacement Program

## Project Description

Annual replacement of water meters 1 inch or less.

## Project Details

**Phase:** Other

**Priority:** Regulatory Compliance, Quality of Service, Risk of Failure

**Project Justification:** Ensure capture of all revenue. As meters age, they typically underestimate the amount of water consumed.

**Risk(s):** Failure to replace meters annually could result in lost revenue or violate regulatory requirements.

**Impact on Operations:** Increased system reliability, reliability, and improved system management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                           |           |             |             |           |           | TOTAL       |
|--------------------------------------------------|-----------|-------------|-------------|-----------|-----------|-------------|
|                                                  | FY2025    | FY2026      | FY2027      | FY2028    | FY2029    |             |
| Project Funding                                  |           |             |             |           |           |             |
| 2023-200-106-0 - Small Meter Replacement Program | \$990,000 | \$1,039,500 | \$1,091,475 | \$396,049 | \$453,351 | \$3,970,375 |
| PROJECT FUNDING TOTAL                            | \$990,000 | \$1,039,500 | \$1,091,475 | \$396,049 | \$453,351 | \$3,970,375 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |             |             |           |           | 5 YEAR TOTAL |
|------------------------|-----------|-------------|-------------|-----------|-----------|--------------|
|                        | FY2025    | FY2026      | FY2027      | FY2028    | FY2029    |              |
| Project Funding        |           |             |             |           |           |              |
| Debt (Revenue Bonds)   | \$990,000 | \$1,039,500 | \$1,091,475 | \$396,049 | \$453,351 | \$3,970,375  |
| PROJECT FUNDING TOTAL  | \$990,000 | \$1,039,500 | \$1,091,475 | \$396,049 | \$453,351 | \$3,970,375  |

# Urgent Lead Service Line Replacement Program

## Project Description

This project involves the private side Lead Service Line Replacements (LSLR) associated with public side replacements. It includes provisions for some full line replacements when operations requests both sides be completed due to their workload or other factors.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Social Impact

**Project Justification:** This project involves the private side Lead Service Line Replacements (LSLR) associated with public side replacements. It includes provisions for some full line replacements when operations requests both sides be completed due to their workload or other factors.

**Risk(s):** Required to terminate service if property owners do not replace their private side lead service lines after operations replaces a public side service line.

**Impact on Operations:** Increased operating flexibility, reliability, and water quality.

**DSIC Eligible:** Yes

## Project Funding

| 2025-2029 CAPITAL PLAN                                     |             |           |           |        |        | TOTAL       |
|------------------------------------------------------------|-------------|-----------|-----------|--------|--------|-------------|
|                                                            | FY2025      | FY2026    | FY2027    | FY2028 | FY2029 |             |
| Project Funding                                            |             |           |           |        |        |             |
| 2023-200-107-0 - 2023 Urgent Lead Service Line Replacement | \$1,556,202 | \$0       | \$0       | \$0    | \$0    | \$1,556,202 |
| 2025-200-107-0 - 2025 Urgent Lead Service Line Replacement | \$172,729   | \$683,323 | \$227,774 | \$0    | \$0    | \$1,083,826 |
| PROJECT FUNDING TOTAL                                      | \$1,728,931 | \$683,323 | \$227,774 | \$0    | \$0    | \$2,640,028 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |           |           |        | 5 YEAR TOTAL |             |
|------------------------|-------------|-----------|-----------|--------|--------------|-------------|
|                        | FY2025      | FY2026    | FY2027    | FY2028 | FY2029       |             |
| Project Funding        |             |           |           |        |              |             |
| Debt (Revenue Bonds)   | \$1,728,931 | \$683,323 | \$227,774 | \$0    | \$0          | \$2,640,028 |
| PROJECT FUNDING TOTAL  | \$1,728,931 | \$683,323 | \$227,774 | \$0    | \$0          | \$2,640,028 |

# Valve Replacement Program

## Project Description

Replacement of defective or non-operational valves on transmission and distribution mains throughout the water distribution system, excluding valves replaced during waterline relays.

## Project Details

**Phase:** Construction, Inactive

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** Increasing the number of operable valves in the system will reduce the number of valves that would need to be closed during emergency conditions, and therefore the number of customers that may be impacted.

**Risk(s):** A larger number of customers may be subject to service outages.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** Yes

## Project Funding

| 2025-2029 CAPITAL PLAN                  |             |             |             |             |             | TOTAL        |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                                         | FY2025      | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding                         |             |             |             |             |             |              |
| 2024-200-108-0 - 2024 Valve Replacement | \$2,590,138 | \$88,724    | \$0         | \$0         | \$0         | \$2,678,862  |
| 2025-200-108-0 - 2025 Valve Replacement | \$660,371   | \$3,020,295 | \$149,705   | \$0         | \$0         | \$3,830,371  |
| 2026-200-108-0 - 2026 Valve Replacement | \$0         | \$0         | \$3,038,656 | \$131,344   | \$0         | \$3,170,000  |
| 2027-200-108-0 - 2027 Valve Replacement | \$0         | \$0         | \$0         | \$3,039,009 | \$130,991   | \$3,170,000  |
| 2028-200-108-0 - 2028 Valve Replacement | \$0         | \$0         | \$0         | \$0         | \$3,039,009 | \$3,039,009  |
| PROJECT FUNDING TOTAL                   | \$3,250,509 | \$3,109,019 | \$3,188,361 | \$3,170,353 | \$3,170,000 | \$15,888,242 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |             |             |             |             | 5 YEAR TOTAL |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                        | FY2025      | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding        |             |             |             |             |             |              |
| DSIC - Water           | \$3,250,509 | \$3,109,019 | \$3,188,361 | \$3,170,353 | \$3,170,000 | \$15,888,242 |
| PROJECT FUNDING TOTAL  | \$3,250,509 | \$3,109,019 | \$3,188,361 | \$3,170,353 | \$3,170,000 | \$15,888,242 |

# Water and Wastewater Safety and Security Improvements

## Project Description

Safety and security improvements throughout Pittsburgh Water facilities.

## Project Details

**Phase:** Construction

**Priority:** Safety, Security

**Project Justification:** Failure to implement safety and security measures will increase the likelihood of a security breach causing harm to Pittsburgh Water employees and customers.

**Risk(s):** Security breaches.

**Impact on Operations:** Increased safety and security at all Pittsburgh Water facilities.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                                            |             |        |        |        |        | TOTAL       |
|-----------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|-------------|
|                                                                                   | FY2025      | FY2026 | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                                                   |             |        |        |        |        |             |
| 2023-200-109-0 - Water and Wastewater Safety and Security Improvements (PENNVEST) | \$5,381,580 | \$0    | \$0    | \$0    | \$0    | \$5,381,580 |
| PROJECT FUNDING TOTAL                                                             | \$5,381,580 | \$0    | \$0    | \$0    | \$0    | \$5,381,580 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |        |        |        | 5 YEAR TOTAL |             |
|------------------------|-------------|--------|--------|--------|--------------|-------------|
|                        | FY2025      | FY2026 | FY2027 | FY2028 | FY2029       |             |
| Project Funding        |             |        |        |        |              |             |
| PENNVEST               | \$5,381,580 | \$0    | \$0    | \$0    | \$0          | \$5,381,580 |
| PROJECT FUNDING TOTAL  | \$5,381,580 | \$0    | \$0    | \$0    | \$0          | \$5,381,580 |

# Water Relay Program

## Project Description

Replacement of existing water mains, valves, fittings, service connections, and hydrants due to emergency situations.

## Project Details

**Phase:** Construction, Design, Inactive

**Priority:** Safety, Quality of Service, Risk of Failure

**Project Justification:** The existing water distribution system is aging and updates are required to address failures that could be significant public safety hazards.

**Risk(s):** Customers will be subject to service outages or inadequate pressure.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** Yes

## Project Funding

| 2025-2029 CAPITAL PLAN            |             |             |             |             |             | TOTAL        |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                                   | FY2025      | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding                   |             |             |             |             |             |              |
| 2023-200-110-0 - 2023 Water Relay | \$982,217   | \$0         | \$0         | \$0         | \$0         | \$982,217    |
| 2024-200-110-0 - 2024 Water Relay | \$2,635,089 | \$534,911   | \$0         | \$0         | \$0         | \$3,170,000  |
| 2025-200-110-0 - 2025 Water Relay | \$388,590   | \$3,061,910 | \$0         | \$0         | \$0         | \$3,450,500  |
| 2026-200-110-0 - 2026 Water Relay | \$0         | \$1,464,456 | \$2,834,961 | \$0         | \$0         | \$4,299,417  |
| 2027-200-110-0 - 2027 Water Relay | \$0         | \$0         | \$2,835,504 | \$2,312,830 | \$1,564,766 | \$6,713,100  |
| 2028-200-110-0 - 2028 Water Relay | \$0         | \$0         | \$47,682    | \$3,791,382 | \$3,178,155 | \$7,017,219  |
| PROJECT FUNDING TOTAL             | \$4,005,896 | \$5,061,277 | \$5,718,147 | \$6,104,212 | \$4,742,921 | \$25,632,453 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |             |             |             |             | 5 YEAR TOTAL |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                        | FY2025      | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding        |             |             |             |             |             |              |
| Debt (Revenue Bonds)   | \$91,901    | \$1,005,792 | \$1,742,004 | \$2,110,061 | \$748,417   | \$5,698,175  |
| DSIC - Water           | \$3,913,995 | \$4,055,485 | \$3,976,143 | \$3,994,151 | \$3,994,504 | \$19,934,278 |
| PROJECT FUNDING TOTAL  | \$4,005,896 | \$5,061,277 | \$5,718,147 | \$6,104,212 | \$4,742,921 | \$25,632,453 |

# Water Distribution Contingency

## Project Description

Water Distribution System contingency pass-through project.

## Project Details

**Phase:** Not Applicable

**Priority:** Not Applicable

**Project Justification:** Improved efficiency of capital improvement plan fund management.

**Risk(s):** No identified risks.

**Impact on Operations:** Improved efficiency of capital improvement plan fund management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                          |        |        |        |        |        | TOTAL |
|-------------------------------------------------|--------|--------|--------|--------|--------|-------|
|                                                 | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |       |
| Project Funding                                 |        |        |        |        |        |       |
| 2025-200-100-0 - Water Distribution Contingency | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |
| PROJECT FUNDING TOTAL                           | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |

## Funding Sources

| 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |     |
|------------------------|--------|--------|--------|--------|--------------|-----|
|                        | FY2025 | FY2026 | FY2027 | FY2028 | FY2029       |     |
| Project Funding        |        |        |        |        |              |     |
| Debt (Revenue Bonds)   | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |
| PROJECT FUNDING TOTAL  | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |

# Wastewater System

## Project Class Summary

Projects within this category address the rehabilitation, replacement, or improvement to the system that conveys wastewater and stormwater to the ALCOSAN wastewater treatment facility. The sewer system includes approximately 1,242 miles of sanitary, stormwater, and combined sewer lines and 24,993 catch basins and inlets. About 73 percent of the sewer system is a combined system, meaning the stormwater and wastewater flow through the same pipe. The remaining 27 percent is a separate system which means that wastewater flows through one sewer pipe and stormwater flows through another. Projects include, but are not limited to, small and large diameter sewer rehabilitation programs along with the replacement and relocation sewer lines that have been built underneath structures such as bridges, buildings, or railroads.

## Project Summary Table

| 2025-2029 CAPITAL PLAN                             |                     |                     |                     |                     | 5 YEAR TOTAL        |                      |
|----------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
|                                                    | FY2025              | FY2026              | FY2027              | FY2028              | FY2029              |                      |
| <b>Project Funding</b>                             |                     |                     |                     |                     |                     |                      |
| 31st Ward Pump Station and Appurtenances - Phase 2 | \$746,447           | \$7,248,809         | \$9,507,797         | \$0                 | \$0                 | \$17,503,053         |
| Browns Hill Road Sewer Pump Station Replacement    | \$2,221,215         | \$1,297,058         | \$0                 | \$0                 | \$0                 | \$3,518,273          |
| Large Diameter Sewer Rehabilitation Program        | \$8,766,419         | \$7,715,321         | \$2,300,000         | \$660,000           | \$5,720,000         | \$25,161,740         |
| Ruthven Cost Share                                 | \$1,225,766         | \$0                 | \$0                 | \$0                 | \$0                 | \$1,225,766          |
| Sewer Reconstruction Program                       | \$3,131,514         | \$3,277,271         | \$3,677,846         | \$4,496,679         | \$2,714,412         | \$17,297,722         |
| Sewers Under Structures Program                    | \$6,609,093         | \$0                 | \$0                 | \$0                 | \$0                 | \$6,609,093          |
| Small Diameter Sewer Rehabilitation Program        | \$26,700,698        | \$29,030,811        | \$3,360,000         | \$7,800,000         | \$22,861,700        | \$89,753,209         |
| Wastewater Contingency                             | \$0                 | \$0                 | \$0                 | \$0                 | \$0                 | \$0                  |
| <b>PROJECT FUNDING TOTAL</b>                       | <b>\$49,401,152</b> | <b>\$48,569,270</b> | <b>\$18,845,643</b> | <b>\$12,956,679</b> | <b>\$31,296,112</b> | <b>\$161,068,856</b> |

# 31st Ward Pump Station and Appurtenances - Phase 2

## Project Description

Evaluation to identify and locate the source(s) of the infiltration and inflow (I/I), removal of public I/I sources, and rehabilitation/replacement of the Rogers Street and Mifflin Road Pump Station and force main.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** Both sewage pump stations and the force main that convey flow to the Streets Run Sanitary Trunk Sewer were constructed in the late 1940's and are reaching the end of their useful life. Additionally, past studies suggest this sewershed may be significantly impacted by high levels of infiltration/inflow.

**Risk(s):** Increased combined sewer overflows and pump station system failures.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                              |           |             |             |        | TOTAL  |              |
|---------------------------------------------------------------------|-----------|-------------|-------------|--------|--------|--------------|
|                                                                     | FY2025    | FY2026      | FY2027      | FY2028 | FY2029 |              |
| Project Funding                                                     |           |             |             |        |        |              |
| 2022-424-108-0 - 31st Ward Pump Station and Appurtenances - Phase 2 | \$746,447 | \$7,248,809 | \$9,507,797 | \$0    | \$0    | \$17,503,053 |
| PROJECT FUNDING TOTAL                                               | \$746,447 | \$7,248,809 | \$9,507,797 | \$0    | \$0    | \$17,503,053 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |             |             |        | 5 YEAR TOTAL |              |
|------------------------|-----------|-------------|-------------|--------|--------------|--------------|
|                        | FY2025    | FY2026      | FY2027      | FY2028 | FY2029       |              |
| Project Funding        |           |             |             |        |              |              |
| Debt (Revenue Bonds)   | \$746,447 | \$7,248,809 | \$9,507,797 | \$0    | \$0          | \$17,503,053 |
| PROJECT FUNDING TOTAL  | \$746,447 | \$7,248,809 | \$9,507,797 | \$0    | \$0          | \$17,503,053 |

# Browns Hill Road Sewer Pump Station Replacement

## Project Description

Construction of a replacement 160 GPM sanitary sewer pump station, including standby power, safer ingress and egress for routine maintenance, a water supply for equipment wash down and odor control facilities, if required. Additionally, perform a condition assessment of the 4-inch force main ( approx. 790 l.f.) that was constructed in 2007 but not utilized, and confirm that sanitary sewer separation occurred.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** The existing sanitary sewer pump station has reached the end of its useful life. The replacement station will provide increased operating efficiency and resiliency and improved safety conditions.

**Risk(s):** If the station is not replaced, pump or wet well failures could occur, which would result in sanitary sewer overflows. Sanitary sewer overflows could result in fines and notices of violations from regulating agencies.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                                  | 2025-2029 CAPITAL PLAN |             |        |        |        | TOTAL       |
|------------------------------------------------------------------|------------------------|-------------|--------|--------|--------|-------------|
|                                                                  | FY2025                 | FY2026      | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                                  |                        |             |        |        |        |             |
| 2022-424-109-0 - Browns Hill Road Sewer Pump Station Replacement | \$2,221,215            | \$1,297,058 | \$0    | \$0    | \$0    | \$3,518,273 |
| PROJECT FUNDING TOTAL                                            | \$2,221,215            | \$1,297,058 | \$0    | \$0    | \$0    | \$3,518,273 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |             |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-------------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026      | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |             |        |        |        |              |
| Debt (Revenue Bonds)  | \$2,221,215            | \$1,297,058 | \$0    | \$0    | \$0    | \$3,518,273  |
| PROJECT FUNDING TOTAL | \$2,221,215            | \$1,297,058 | \$0    | \$0    | \$0    | \$3,518,273  |

# Large Diameter Sewer Rehabilitation Program

## Project Description

Proactive, trenchless rehabilitation of 36 inch diameter (or greater) sewer mains to restore structural integrity, reduce root intrusion, and reduce infiltration and inflow; including cleaning and pre and post construction CCTV inspections.

## Project Details

**Phase:** Construction, Design, Inactive

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** Provides Pittsburgh Water with a means to address several moderate/major structural defects in pipe segments prior to complete failure. This trenchless pipe renewal method renews the asset, eliminates disruptive excavation, and is more cost-effective than replacement.

**Risk(s):** If moderate/major structural defects are not proactively addressed, complete failure will eventually occur and excavation will be required. Any complete failure that occurs will result in dramatically increased expenditures for repair.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                           | 2025-2029 CAPITAL PLAN |                    |                    |                  |                    | TOTAL               |
|-----------------------------------------------------------|------------------------|--------------------|--------------------|------------------|--------------------|---------------------|
|                                                           | FY2025                 | FY2026             | FY2027             | FY2028           | FY2029             |                     |
| <b>Project Funding</b>                                    |                        |                    |                    |                  |                    |                     |
| 2020-424-107-0 - 2021 Large Diameter Sewer Rehabilitation | \$3,863,361            | \$0                | \$0                | \$0              | \$0                | \$3,863,361         |
| 2021-424-105-0 - 2022 Large Diameter Sewer Rehabilitation | \$735,269              | \$0                | \$0                | \$0              | \$0                | \$735,269           |
| 2022-424-110-0 - 2023 Large Diameter Sewer Rehabilitation | \$1,245,894            | \$1,285,321        | \$0                | \$0              | \$0                | \$2,531,215         |
| 2024-400-101-0 - 2024 Large Diameter Sewer Rehabilitation | \$2,381,895            | \$2,070,000        | \$0                | \$0              | \$0                | \$4,451,895         |
| 2025-400-101-0 - 2025 Large Diameter Sewer Rehabilitation | \$540,000              | \$4,360,000        | \$0                | \$0              | \$0                | \$4,900,000         |
| 2026-400-101-0 - 2026 Large Diameter Sewer Rehabilitation | \$0                    | \$0                | \$2,300,000        | \$0              | \$0                | \$2,300,000         |
| 2028-400-101-0 - 2028 Large Diameter Sewer Rehabilitation | \$0                    | \$0                | \$0                | \$660,000        | \$5,720,000        | \$6,380,000         |
| <b>PROJECT FUNDING TOTAL</b>                              | <b>\$8,766,419</b>     | <b>\$7,715,321</b> | <b>\$2,300,000</b> | <b>\$660,000</b> | <b>\$5,720,000</b> | <b>\$25,161,740</b> |

## Funding Sources

| 2025-2029 CAPITAL PLAN       |                    |                    |                    |                  |                    | 5 YEAR TOTAL        |
|------------------------------|--------------------|--------------------|--------------------|------------------|--------------------|---------------------|
|                              | FY2025             | FY2026             | FY2027             | FY2028           | FY2029             |                     |
| <b>Project Funding</b>       |                    |                    |                    |                  |                    |                     |
| PENNVEST                     | \$4,167,789        | \$7715,321         | \$0                | \$0              | \$0                | \$11,883,110        |
| Debt (Revenue Bonds)         | \$4,598,630        | \$0                | \$2,300,000        | \$660,000        | \$5,720,000        | \$13,278,630        |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$8,766,419</b> | <b>\$7,715,321</b> | <b>\$2,300,000</b> | <b>\$660,000</b> | <b>\$5,720,000</b> | <b>\$25,161,740</b> |

# Ruthven Cost Share

## Project Description

Replacement of a failing 18-inch sewer along with a water main under Ruthven Street.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Improved Efficiency or Effectiveness

**Project Justification:** The sewer main is failing, and the City of Pittsburgh is constructing a wall that will disturb the water and sewer mains. A cost-share has been executed with the City of Pittsburgh.

**Risk(s):** Delay of City project.

**Impact on Operations:** New water main may reduce operations repairs required on the water line.

**DSIC Eligible:** No

## Project Funding

|                                     | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL       |
|-------------------------------------|------------------------|--------|--------|--------|--------|-------------|
|                                     | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |             |
| Project Funding                     |                        |        |        |        |        |             |
| 2025-400-104-0 - Ruthven Cost Share | \$1,225,766            | \$0    | \$0    | \$0    | \$0    | \$1,225,766 |
| PROJECT FUNDING TOTAL               | \$1,225,766            | \$0    | \$0    | \$0    | \$0    | \$1,225,766 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-------------|--------|--------|--------|--------|--------------|
|                        | FY2025      | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |             |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$1,225,766 | \$0    | \$0    | \$0    | \$0    | \$1,225,766  |
| PROJECT FUNDING TOTAL  | \$1,225,766 | \$0    | \$0    | \$0    | \$0    | \$1,225,766  |

# Sewer Reconstruction Program

## Project Description

Reconstruction of existing sewers, manholes, catch basins, and inlets due to emergency situations or pipe failures.

## Project Details

**Phase:** Construction, Design, Inactive

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** The existing sewer system is aging and immediate repairs are required to address failures that could be significant public safety hazards.

**Risk(s):** Customers may be subject to basement backups or overflows may occur due to collapsed pipes.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** Yes

## Project Funding

| 2025-2029 CAPITAL PLAN                     |             |             |             |             |             | TOTAL        |
|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                                            | FY2025      | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding                            |             |             |             |             |             |              |
| 2022-424-100-0 - 2022 Sewer Reconstruction | \$71,027    | \$0         | \$0         | \$0         | \$0         | \$71,027     |
| 2023-400-100-0 - 2023 Sewer Reconstruction | \$51,020    | \$0         | \$0         | \$0         | \$0         | \$51,020     |
| 2024-400-100-1 - 2024 Sewer Reconstruction | \$1,307,392 | \$0         | \$0         | \$0         | \$0         | \$1,307,392  |
| 2025-400-100-0 - 2025 Sewer Reconstruction | \$1,683,339 | \$1,316,661 | \$0         | \$0         | \$0         | \$3,000,000  |
| 2026-400-100-0 - 2026 Sewer Reconstruction | \$18,736    | \$1,945,987 | \$1,535,277 | \$0         | \$0         | \$3,500,000  |
| 2027-400-100-0 - 2027 Sewer Reconstruction | \$0         | \$14,623    | \$2,124,290 | \$1,861,087 | \$0         | \$4,000,000  |
| 2028-400-100-0 - 2028 Sewer Reconstruction | \$0         | \$0         | \$18,279    | \$2,635,592 | \$2,714,412 | \$5,368,283  |
| PROJECT FUNDING TOTAL                      | \$3,131,514 | \$3,277,271 | \$3,677,846 | \$4,496,679 | \$2,714,412 | \$17,297,722 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |             |             |             |             | 5 YEAR TOTAL |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                        | FY2025      | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding        |             |             |             |             |             |              |
| Debt (Revenue Bonds)   | \$417,102   | \$562,859   | \$963,434   | \$1,782,267 | \$0         | \$3,725,662  |
| DSIC - Wastewater      | \$2,714,412 | \$2,714,412 | \$2,714,412 | \$2,714,412 | \$2,714,412 | \$13,572,060 |
| PROJECT FUNDING TOTAL  | \$3,131,514 | \$3,277,271 | \$3,677,846 | \$4,496,679 | \$2,714,412 | \$17,297,722 |

# Sewers Under Structures Program

## Project Description

Rehabilitation, relocation, and abandonment, if applicable, of existing sewer infrastructure located under or adjacent to buildings, bridges, or railroads or located on steep slopes.

## Project Details

**Phase:** Design, Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** In recent years, there has been an increasing rate of failure of this asset type due to limited accessibility and pipe age. By maintaining a proactive approach to asset management, efforts can be directed towards remedying assets before their failure, thus saving in overall replacement cost.

**Risk(s):** Failure of this asset type could result in significant property/structure damage, increased replacement cost, and increased service outages or bypass pumping.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                   |             |        |        |        |        | TOTAL       |
|----------------------------------------------------------|-------------|--------|--------|--------|--------|-------------|
|                                                          | FY2025      | FY2026 | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                          |             |        |        |        |        |             |
| 2020-424-104-0 - 2020 Sewers Under Structures Contract 1 | \$4,276,680 | \$0    | \$0    | \$0    | \$0    | \$4,276,680 |
| 2020-424-104-1 - 2020 Sewers Under Structures Contract 2 | \$2,000,000 | \$0    | \$0    | \$0    | \$0    | \$2,000,000 |
| 2022-424-107-0 - 2022 Sewers Under Structures            | \$100,000   | \$0    | \$0    | \$0    | \$0    | \$100,000   |
| 2023-400-101-0 - 2023 Sewers Under Structures            | \$232,413   | \$0    | \$0    | \$0    | \$0    | \$232,413   |
| PROJECT FUNDING TOTAL                                    | \$6,609,093 | \$0    | \$0    | \$0    | \$0    | \$6,609,093 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |             |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-------------|--------|--------|--------|--------|--------------|
|                        | FY2025      | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |             |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$6,609,093 | \$0    | \$0    | \$0    | \$0    | \$6,609,093  |
| PROJECT FUNDING TOTAL  | \$6,609,093 | \$0    | \$0    | \$0    | \$0    | \$6,609,093  |

# Small Diameter Sewer Rehabilitation Program

## Project Description

Proactive, trenchless rehabilitation of sewer mains (36-inch diameter and less) to restore structural integrity, reduce root intrusion, and reduce infiltration and inflow; including cleaning and pre- and post-construction Closed-Circuit Television (CCTV) inspections.

## Project Details

**Phase:** Construction, Design, Inactive

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** Provides Pittsburgh Water with a means to address several moderate/major structural defects in pipe segments before complete failure. This trenchless pipe renewal method renews the asset, eliminates disruptive excavation, and is more cost-effective than replacement.

**Risk(s):** If moderate/major structural defects are not proactively addressed, complete failure will eventually occur, and excavation will be required. Any complete failure that occurs will result in dramatically increased expenditures for repair.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** Yes

## Project Funding

|                                                                      | 2025-2029 CAPITAL PLAN |              |             |             |              | TOTAL        |
|----------------------------------------------------------------------|------------------------|--------------|-------------|-------------|--------------|--------------|
|                                                                      | FY2025                 | FY2026       | FY2027      | FY2028      | FY2029       |              |
| Project Funding                                                      |                        |              |             |             |              |              |
| 2021-424-108-0 - 2023 Small Diameter Sewer Rehabilitation Contract 1 | \$2,161,613            | \$0          | \$0         | \$0         | \$0          | \$2,161,613  |
| 2021-424-108-1 - 2023 Small Diameter Sewer Rehabilitation Contract 2 | \$1,707,025            | \$0          | \$0         | \$0         | \$0          | \$1,707,025  |
| 2021-424-108-2 - 2023 Small Diameter Sewer Rehabilitation Contract 3 | \$430,491              | \$0          | \$0         | \$0         | \$0          | \$430,491    |
| 2024-400-103-0 - 2024 Small Diameter Sewer Rehabilitation Contract 1 | \$4,851,807            | \$876,502    | \$0         | \$0         | \$0          | \$5,728,309  |
| 2024-400-103-1 - 2024 Small Diameter Sewer Rehabilitation Contract 2 | \$5,663,063            | \$2,772,852  | \$0         | \$0         | \$0          | \$8,435,915  |
| 2024-400-103-2 - 2024 Small Diameter Sewer Rehabilitation Contract 3 | \$7516,354             | \$3,500,263  | \$0         | \$0         | \$0          | \$11,016,617 |
| 2024-400-103-3 - 2024 Small Diameter Sewer Rehabilitation IDIQ       | \$798,610              | \$0          | \$0         | \$0         | \$0          | \$798,610    |
| 2025-400-103-0 - 2025 Small Diameter Sewer Rehabilitation Contract 1 | \$482,906              | \$6,173,333  | \$0         | \$0         | \$0          | \$6,656,239  |
| 2025-400-103-1 - 2025 Small Diameter Sewer Rehabilitation Contract 2 | \$577,431              | \$6,173,333  | \$0         | \$0         | \$0          | \$6,750,764  |
| 2025-400-103-2 - 2025 Small Diameter Sewer Rehabilitation Contract 3 | \$271,398              | \$6,174,528  | \$0         | \$0         | \$0          | \$6,445,926  |
| 2025-400-103-3 - 2025 Small Diameter Sewer Rehabilitation IDIQ       | \$2,240,000            | \$1,120,000  | \$0         | \$0         | \$0          | \$3,360,000  |
| 2026-400-103-0 - 2026 Small Diameter Sewer Rehabilitation            | \$0                    | \$2,240,000  | \$1,120,000 | \$0         | \$0          | \$3,360,000  |
| 2027-400-103-0 - 2027 Small Diameter Sewer Rehabilitation            | \$0                    | \$0          | \$2,240,000 | \$1,120,000 | \$0          | \$3,360,000  |
| 2028-400-103-0 - 2028 Small Diameter Sewer Rehabilitation            | \$0                    | \$0          | \$0         | \$2,240,000 | \$1,120,000  | \$3,360,000  |
| 2029-400-103-0 - 2029 Small Diameter Sewer Rehabilitation            | \$0                    | \$0          | \$0         | \$4,440,000 | \$21,741,700 | \$26,181,700 |
| PROJECT FUNDING TOTAL                                                | \$26,700,698           | \$29,030,811 | \$3,360,000 | \$7,800,000 | \$22,861,700 | \$89,753,209 |

# Funding Sources

|                       | 2025-2029 CAPITAL PLAN |              |             |             |              | 5 YEAR TOTAL |
|-----------------------|------------------------|--------------|-------------|-------------|--------------|--------------|
|                       | FY2025                 | FY2026       | FY2027      | FY2028      | FY2029       |              |
| Project Funding       |                        |              |             |             |              |              |
| PENNVEST              | \$23,662,088           | \$25,670,811 | \$0         | \$0         | \$0          | \$49,332,899 |
| Debt (Revenue Bonds)  | \$3,038,610            | \$3,360,000  | \$3,360,000 | \$7,800,000 | \$22,861,700 | \$40,420,310 |
| PROJECT FUNDING TOTAL | \$26,700,698           | \$29,030,811 | \$3,360,000 | \$7,800,000 | \$22,861,700 | \$89,753,209 |

# Wastewater Contingency

## Project Description

Wastewater contingency project pass-through.

## Project Details

**Phase:** Not applicable

**Priority:** Not applicable

**Project Justification:** Improved efficiency of capital improvement fund management.

**Risk(s):** Not applicable

**Impact on Operations:** Improved efficiency of capital improvement fund management.

**DSIC Eligible:** No

## Project Funding

|                                         | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL |
|-----------------------------------------|------------------------|--------|--------|--------|--------|-------|
|                                         | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |       |
| Project Funding                         |                        |        |        |        |        |       |
| 2025-400-105-0 - Wastewater Contingency | \$0                    | \$0    | \$0    | \$0    | \$0    | \$0   |
| PROJECT FUNDING TOTAL                   | \$0                    | \$0    | \$0    | \$0    | \$0    | \$0   |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |        |        |        |        |              |
| Debt (Revenue Bonds)  | \$0                    | \$0    | \$0    | \$0    | \$0    | \$0          |
| PROJECT FUNDING TOTAL | \$0                    | \$0    | \$0    | \$0    | \$0    | \$0          |

# Stormwater

## Project Class Summary

Projects within this category manage stormwater during heavy rain events. These projects use a combination of green and gray infrastructure that on the surface mimic nature using vegetation, engineered soils, and open channels that retain water. Underneath are storage systems that hold water back before slowly releasing it through a network of pipes. They also help reduce basement backups, sewer overflows, and improve water quality. Pittsburgh Water maintains 3 sanitary sewer overflow structures, 146 combined sewer overflow outfall structures co-permitted with several other authorities, 35 solely owned combined sewer overflow outfall structures, 46 combined sewer overflow outfall structure co-permitted with ALCOSAN, and 254 separate storm sewer outfalls in the Municipal Separate Storm Sewer System.

## Project Summary Table

| 2025-2029 CAPITAL PLAN                                          |                     |                    |                    |                    |                  | 5 YEAR TOTAL        |
|-----------------------------------------------------------------|---------------------|--------------------|--------------------|--------------------|------------------|---------------------|
|                                                                 | FY2025              | FY2026             | FY2027             | FY2028             | FY2029           |                     |
| <b>Project Funding</b>                                          |                     |                    |                    |                    |                  |                     |
| Braywood Stormwater Improvements                                | \$1,142,826         | \$0                | \$0                | \$0                | \$0              | \$1,142,826         |
| Bus Rapid Transit Stormwater Infrastructure Improvements        | \$2,210,806         | \$3,418,543        | \$666,446          | \$0                | \$0              | \$6,295,795         |
| Catch Basin and Inlet Replacement Program                       | \$9,111,007         | \$1,964,319        | \$1,333,333        | \$1,333,333        | \$169,014        | \$13,911,006        |
| Four Mile Run Stormwater Infrastructure Improvements            | \$432,323           | \$0                | \$0                | \$0                | \$0              | \$432,323           |
| Fowler Park Stormwater Improvements                             | \$361,868           | \$48,693           | \$0                | \$0                | \$0              | \$410,561           |
| Oakridge Stormwater Separation                                  | \$155,168           | \$0                | \$0                | \$0                | \$0              | \$155,168           |
| Saw Mill Run Watershed Improvements                             | \$900,000           | \$100,000          | \$0                | \$0                | \$0              | \$1,000,000         |
| Southside Flats Sewer Separation                                | \$12,926,946        | \$1,062,480        | \$0                | \$0                | \$0              | \$13,989,426        |
| Woods Run Stream Removal Stormwater Infrastructure Improvements | \$2,249,014         | \$986,725          | \$0                | \$0                | \$0              | \$3,235,739         |
| Stormwater Improvements Contingency                             | \$0                 | \$0                | \$0                | \$0                | \$0              | \$0                 |
| <b>PROJECT FUNDING TOTAL</b>                                    | <b>\$29,489,958</b> | <b>\$7,580,760</b> | <b>\$1,999,779</b> | <b>\$1,333,333</b> | <b>\$169,014</b> | <b>\$40,572,844</b> |

# Braywood Stormwater Improvements

## Project Description

Stormwater detention system in the right-of-way in and around Braywood Way to increase stormwater control and mitigate flooding experienced by residents. Infrastructure could include permeable pavement, bioswales, subsurface detention, etc. depending on design determinations.

## Project Details

**Phase:** Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** There is a low point on Braywood Way that experiences persistent, severe flooding. The previously installed system is undersized and deteriorating.

**Risk(s):** Risks associated with not completing this project include poor level of service.

**Impact on Operations:** This project would decrease the need for persistent catch basin cleaning in this location.

**DSIC Eligible:** No

## Project Funding

|                                                   | 2025-2029 CAPITAL PLAN |            |            |            |            | TOTAL              |
|---------------------------------------------------|------------------------|------------|------------|------------|------------|--------------------|
|                                                   | FY2025                 | FY2026     | FY2027     | FY2028     | FY2029     |                    |
| <b>Project Funding</b>                            |                        |            |            |            |            |                    |
| 2022-424-105-0 - Braywood Stormwater Improvements | \$1,142,826            | \$0        | \$0        | \$0        | \$0        | \$1,142,826        |
| <b>PROJECT FUNDING TOTAL</b>                      | <b>\$1,142,826</b>     | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$1,142,826</b> |

## Funding Sources

| 2025-2029 CAPITAL PLAN       |                    |            |            |            |            | 5 YEAR TOTAL       |
|------------------------------|--------------------|------------|------------|------------|------------|--------------------|
|                              | FY2025             | FY2026     | FY2027     | FY2028     | FY2029     |                    |
| <b>Project Funding</b>       |                    |            |            |            |            |                    |
| Debt (Revenue Bonds)         | \$1,142,826        | \$0        | \$0        | \$0        | \$0        | \$1,142,826        |
| City of Pittsburgh           | \$0                | \$0        | \$0        | \$0        | \$0        | \$0                |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$1,142,826</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$1,142,826</b> |

# Bus Rapid Transit Stormwater Infrastructure Improvements

## Project Description

The redesign of Forbes Avenue and Fifth Avenue to accommodate bus rapid transit from Downtown to the Birmingham Bridge. This project will include the installation of permeable paving, underground storage, and bioretention plantings and is tributary to the M-05 and M-19 outfall. Phase 2 currently includes the stormwater and green infrastructure improvements in the Uptown Neighborhood.

## Project Details

**Phase:** Construction

**Priority:** Safety, Quality of Service, Social Impact

**Project Justification:** The construction of the Bus Rapid Transit (BRT) project requires that certain assets owned and/or operated by Pittsburgh Water be removed, replaced, and/or relocated. This project will help slow or reduce runoff into the combined sewer system during wet weather events.

**Risk(s):** Wet weather flow may continue to flow into the combined sewer system prior to the completion of the project, which could cause issues during wet weather events.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

|                                                                          | 2025-2029 CAPITAL PLAN |             |           |        |        | TOTAL       |
|--------------------------------------------------------------------------|------------------------|-------------|-----------|--------|--------|-------------|
|                                                                          | FY2025                 | FY2026      | FY2027    | FY2028 | FY2029 |             |
| Project Funding                                                          |                        |             |           |        |        |             |
| 2024-500-105-0 - Bus Rapid Transit - Phase 2                             | \$1,145,931            | \$1,522,452 | \$118,686 | \$0    | \$0    | \$2,787,069 |
| 2020-GI-100-0 - Bus Rapid Transit Stormwater Infrastructure Improvements | \$1,064,875            | \$1,896,091 | \$547,760 | \$0    | \$0    | \$3,508,726 |
| PROJECT FUNDING TOTAL                                                    | \$2,210,806            | \$3,418,543 | \$666,446 | \$0    | \$0    | \$6,295,795 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |             |           |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-------------|-----------|--------|--------|--------------|
|                       | FY2025                 | FY2026      | FY2027    | FY2028 | FY2029 |              |
| Project Funding       |                        |             |           |        |        |              |
| Debt (Revenue Bonds)  | \$2,210,806            | \$3,418,543 | \$666,446 | \$0    | \$0    | \$6,295,795  |
| PROJECT FUNDING TOTAL | \$2,210,806            | \$3,418,543 | \$666,446 | \$0    | \$0    | \$6,295,795  |

# Catch Basin and Inlet Replacement Program

## Project Description

Strategic replacement of catch basins and storm inlets throughout the system to replace failed units, stormwater control reliability, and minimize disturbance to the community.

## Project Details

**Phase:** Inactive, Construction

**Priority:** Regulatory Compliance, Safety, Quality of Service, Risk of Failure

**Project Justification:** By maintaining a proactive approach to asset management, efforts can be directed towards remedying assets before their failure, thus saving in overall replacement costs.

**Risk(S):** Overland and street flooding could occur due to a defective or undersized catch basin or storm inlet, creating a public health and safety hazard during wet weather events.

**Impact On Operations:** Increased operating reliability.

**DSIC Eligible:** No

## Project Funding

|                                                                       | 2025-2029 CAPITAL PLAN |                    |                    |                    |                  | TOTAL               |
|-----------------------------------------------------------------------|------------------------|--------------------|--------------------|--------------------|------------------|---------------------|
|                                                                       | FY2025                 | FY2026             | FY2027             | FY2028             | FY2029           |                     |
| <b>Project Funding</b>                                                |                        |                    |                    |                    |                  |                     |
| 2024-500-100-0 - 2024 Catch Basin and Inlet Replacement               | \$1,216,057            | \$0                | \$0                | \$0                | \$0              | \$1,216,057         |
| 2024-500-100-1 - 2024 Catch Basin and Inlet Replacement (Independent) | \$347,041              | \$0                | \$0                | \$0                | \$0              | \$347,041           |
| 2024-500-100-2 - 2024 Catch Basin and Inlet Replacement (A. Merante)  | \$347,909              | \$0                | \$0                | \$0                | \$0              | \$347,909           |
| 2025-500-100-0 - 2025 Catch Basin and Inlet Replacement               | \$7,200,000            | \$800,000          | \$0                | \$0                | \$0              | \$8,000,000         |
| 2026-500-100-0 - 2026 Catch Basin and Inlet Replacement               | \$0                    | \$1,164,319        | \$169,014          | \$0                | \$0              | \$1,333,333         |
| 2027-500-100-0 - 2027 Catch Basin and Inlet Replacement               | \$0                    | \$0                | \$1,164,319        | \$169,014          | \$0              | \$1,333,333         |
| 2028-500-100-0 - 2028 Catch Basin and Inlet Replacement               | \$0                    | \$0                | \$0                | \$1,164,319        | \$169,014        | \$1,333,333         |
| <b>PROJECT FUNDING TOTAL</b>                                          | <b>\$9,111,007</b>     | <b>\$1,964,319</b> | <b>\$1,333,333</b> | <b>\$1,333,333</b> | <b>\$169,014</b> | <b>\$13,911,006</b> |

## Funding Sources

|                              | 2025-2029 CAPITAL PLAN |                    |                    |                    |                  | 5 YEAR TOTAL        |
|------------------------------|------------------------|--------------------|--------------------|--------------------|------------------|---------------------|
|                              | FY2025                 | FY2026             | FY2027             | FY2028             | FY2029           |                     |
| <b>Project Funding</b>       |                        |                    |                    |                    |                  |                     |
| PENNVEST                     | \$9,111,007            | \$800,000          | \$0                | \$0                | \$0              | \$9,911,007         |
| Debt (Revenue Bonds)         | \$0                    | \$1,164,319        | \$1,333,333        | \$1,333,333        | \$169,014        | \$3,999,999         |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$9,111,007</b>     | <b>\$1,964,319</b> | <b>\$1,333,333</b> | <b>\$1,333,333</b> | <b>\$169,014</b> | <b>\$13,911,006</b> |

# Four Mile Run Stormwater Infrastructure Improvements

## Project Description

Sewer separation to reduce wet weather flow currently discharging into the combined sewer located in M-29.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Safety, Quality of Service

**Project Justification:** This project will separate wet weather flow from being directly discharged into Pittsburgh Water's combined sewer system.

**Risk(s):** Wet weather flow may continue to flow into the combined sewer system prior to the completion of the project, which could result in issues during wet weather events.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                                              |           |        |        |        |        | TOTAL     |
|---------------------------------------------------------------------|-----------|--------|--------|--------|--------|-----------|
|                                                                     | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                                     |           |        |        |        |        |           |
| 2018-GI102-0 - Four Mile Run Stormwater Infrastructure Improvements | \$432,323 | \$0    | \$0    | \$0    | \$0    | \$432,323 |
| PROJECT FUNDING TOTAL                                               | \$432,323 | \$0    | \$0    | \$0    | \$0    | \$432,323 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |        |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|--------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |        |        |        |        |              |
| Debt (Revenue Bonds)   | \$432,323 | \$0    | \$0    | \$0    | \$0    | \$432,323    |
| PROJECT FUNDING TOTAL  | \$432,323 | \$0    | \$0    | \$0    | \$0    | \$432,323    |

# Fowler Park Stormwater Improvements

## Project Description

Construction of storm sewer system and green infrastructure improvements as part of the City of Pittsburgh Park Master Plan improvements. The project will include the installation of stormwater storage, storm sewer conveyance, new catch basins, and vegetated stormwater control measures. The project is subject to a cost share request with the City of Pittsburgh.

## Project Details

**Phase:** Design

**Priority:** Regulatory Compliance, Quality of Service, Safety, Risk of Failure, Social Impact

**Project Justification:** Existing combined sewer system in this area has been identified as a flooding risk and for evaluation as a critical area for sewer capacity improvements.

**Risk(s):** Reduced need for catch basin cleaning after significant precipitation events.

**Impact on Operations:** Increased operating reliability.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                               |           |          |        |        |        | TOTAL     |
|------------------------------------------------------|-----------|----------|--------|--------|--------|-----------|
|                                                      | FY2025    | FY2026   | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                      |           |          |        |        |        |           |
| 2024-500-102-0 - Fowler Park Stormwater Improvements | \$361,868 | \$48,693 | \$0    | \$0    | \$0    | \$410,561 |
| PROJECT FUNDING TOTAL                                | \$361,868 | \$48,693 | \$0    | \$0    | \$0    | \$410,561 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |          |        |        |        | 5 YEAR TOTAL |
|------------------------|-----------|----------|--------|--------|--------|--------------|
|                        | FY2025    | FY2026   | FY2027 | FY2028 | FY2029 |              |
| Project Funding        |           |          |        |        |        |              |
| Debt (Revenue Bonds)   | \$361,868 | \$48,693 | \$0    | \$0    | \$0    | \$410,561    |
| PROJECT FUNDING TOTAL  | \$361,868 | \$48,693 | \$0    | \$0    | \$0    | \$410,561    |

# Oakridge Stormwater Separation

## Project Description

Improvements for Pittsburgh Water separated storm sewer system to eliminate illicit storm connections to the existing sanitary sewer system located along Oakridge St and Brookline Memorial Park driveway. The project includes the design and installation of new storm sewers and a connection tributary to the existing 42-inch outfall sewer on Brookline Boulevard. Stormwater storage alternatives will be evaluated based on field investigations, with the capture of contributing impervious area managed (appx. 1.2 acres) to the 95th percentile storm event (1.66 inches of runoff depth) to mitigate project impacts to the existing sewer system.

## Project Details

**Phase:** Design

**Priority:** Safety, Quality of Service

**Project Justification:** Improvements will reduce sanitary sewer overflows to Saw Mill Run.

**Risk(s):** Additional storm flow could travel faster to the 42-inch outfall sewer.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                 | 2025-2029 CAPITAL PLAN |        |        |        |        | TOTAL     |
|-------------------------------------------------|------------------------|--------|--------|--------|--------|-----------|
|                                                 | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |           |
| Project Funding                                 |                        |        |        |        |        |           |
| 2023-500-102-1 - Oakridge Stormwater Separation | \$155,168              | \$0    | \$0    | \$0    | \$0    | \$155,168 |
| PROJECT FUNDING TOTAL                           | \$155,168              | \$0    | \$0    | \$0    | \$0    | \$155,168 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026 | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |        |        |        |        |              |
| Debt (Revenue Bonds)  | \$155,168              | \$0    | \$0    | \$0    | \$0    | \$155,168    |
| PROJECT FUNDING TOTAL | \$155,168              | \$0    | \$0    | \$0    | \$0    | \$155,168    |

# Saw Mill Run Watershed Improvements

## Project Description

Implementation of stormwater treatment and reconnection of streams to vegetated floodplains to help mitigate stormwater peak flows and reduce sediment and other pollutant loads. This project will demonstrate the effectiveness of green infrastructure in reducing pollutants, controlling CSO/SSOs, and restoring the health of the aquatic ecosystems in the Saw Mill Run watershed to comply with regulatory obligations.

## Project Details

**Phase:** Construction

**Priority:** Safety, Quality of Service, Regulatory Compliance

**Project Justification:** This project will help to comply with regulatory obligations by reducing pollutants and controlling CSO/SSOs.

**Risk(s):** It may be difficult to comply with certain regulatory obligations prior to the completion of the project.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                               |           |           |        |        |        | TOTAL       |
|------------------------------------------------------|-----------|-----------|--------|--------|--------|-------------|
|                                                      | FY2025    | FY2026    | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                      |           |           |        |        |        |             |
| 2020-424-109-0 - Saw Mill Run Watershed Improvements | \$900,000 | \$100,000 | \$0    | \$0    | \$0    | \$1,000,000 |
| PROJECT FUNDING TOTAL                                | \$900,000 | \$100,000 | \$0    | \$0    | \$0    | \$1,000,000 |

## Funding Sources

| 2025-2029 CAPITAL PLAN |           |           |        |        | 5 YEAR TOTAL |
|------------------------|-----------|-----------|--------|--------|--------------|
|                        | FY2025    | FY2026    | FY2027 | FY2028 | FY2029       |
| Project Funding        |           |           |        |        |              |
| Debt (Revenue Bonds)   | \$900,000 | \$100,000 | \$0    | \$0    | \$0          |
| PROJECT FUNDING TOTAL  | \$900,000 | \$100,000 | \$0    | \$0    | \$0          |

# Southside Flats Sewer Separation

## Project Description

Separation of 17 acres of combined sewer through the construction of storm drain along Wharton Street to 18th Street.

## Project Details

**Phase:** Construction

**Priority:** Safety, Quality of Service

**Project Justification:** This project will help slow or reduce runoff into the combined sewer system during wet weather events.

**Risk(s):** Community members are concerned about disruptions during construction and potential rooftop disconnect costs.

**Impact on Operations:** Increased system reliability and improved system management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                            |              |             |        |        |        | TOTAL        |
|---------------------------------------------------|--------------|-------------|--------|--------|--------|--------------|
|                                                   | FY2025       | FY2026      | FY2027 | FY2028 | FY2029 |              |
| Project Funding                                   |              |             |        |        |        |              |
| 2021-424-106-0 - Southside Flats Sewer Separation | \$12,926,946 | \$1,062,480 | \$0    | \$0    | \$0    | \$13,989,426 |
| PROJECT FUNDING TOTAL                             | \$12,926,946 | \$1,062,480 | \$0    | \$0    | \$0    | \$13,989,426 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |             |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-------------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026      | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |             |        |        |        |              |
| Debt (Revenue Bonds)  | \$12,606,426           | \$0         | \$0    | \$0    | \$0    | \$12,606,426 |
| Private Grant         | \$320,520              | \$1,062,480 | \$0    | \$0    | \$0    | \$1,383,000  |
| PROJECT FUNDING TOTAL | \$12,926,946           | \$1,062,480 | \$0    | \$0    | \$0    | \$13,989,426 |

# Woods Run Stream Removal Stormwater Infrastructure Improvements

## Project Description

This project will redirect an existing stream inflow location into a detain and slow-release subsurface storage facility. The stream base and wet weather flow currently discharge directly into a 36-inch diameter combined sewer on Mairdale Avenue.

## Project Details

**Phase:** Construction

**Priority:** Safety, Quality of Service

**Project Justification:** This project will separate wet weather flow from being directly discharged into Pittsburgh Water's combined sewer system.

**Risk(s):** Wet weather flow may continue to flow into the combined sewer system prior to the completion of the project, which could be an issue during wet weather events.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                           | 2025-2029 CAPITAL PLAN |           |        |        |        | TOTAL       |
|-----------------------------------------------------------|------------------------|-----------|--------|--------|--------|-------------|
|                                                           | FY2025                 | FY2026    | FY2027 | FY2028 | FY2029 |             |
| Project Funding                                           |                        |           |        |        |        |             |
| 2017-424-108-0 - Woods Run Stream Inflow -Mairdale Avenue | \$19,981               | \$0       | \$0    | \$0    | \$0    | \$19,981    |
| 2017-424-108-1 - Woods Run Improvements - Mairdale Avenue | \$2,229,033            | \$986,725 | \$0    | \$0    | \$0    | \$3,215,758 |
| PROJECT FUNDING TOTAL                                     | \$2,249,014            | \$986,725 | \$0    | \$0    | \$0    | \$3,235,739 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |           |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|-----------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026    | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |           |        |        |        |              |
| Debt (Revenue Bonds)  | \$1,036,957            | \$986,725 | \$0    | \$0    | \$0    | \$2,023,682  |
| Private Grant         | \$1,212,057            | \$0       | \$0    | \$0    | \$0    | \$1,212,057  |
| PROJECT FUNDING TOTAL | \$2,249,014            | \$986,725 | \$0    | \$0    | \$0    | \$3,235,739  |

# Stormwater Improvements Contingency

## Project Description

Stormwater contingency project pass-through.

## Project Details

**Phase:** Not applicable

**Priority:** Not applicable

**Project Justification:** Improved efficiency of capital improvement fund management.

**Risk(s):** No identified risks.

**Impact on Operations:** Improved efficiency of capital improvement plan management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                               |        |        |        |        |        | TOTAL |
|------------------------------------------------------|--------|--------|--------|--------|--------|-------|
|                                                      | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |       |
| Project Funding                                      |        |        |        |        |        |       |
| 2025-500-101-0 - Stormwater Improvements Contingency | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |
| PROJECT FUNDING TOTAL                                | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |

## Funding Sources

| 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |     |
|------------------------|--------|--------|--------|--------|--------------|-----|
|                        | FY2025 | FY2026 | FY2027 | FY2028 | FY2029       |     |
| Project Funding        |        |        |        |        |              |     |
| Debt (Revenue Bonds)   | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |
| PROJECT FUNDING TOTAL  | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |

# Miscellaneous

## Project Class Summary

Projects within this category do not qualify for any of the other five project categories and include, but are not limited to, a new Pittsburgh Water headquarters building, utility cost shares with other entities, and the annual capital reclassification.

## Project Summary Table

| 2025-2029 CAPITAL PLAN                   |                     |                     |                    |                    |                    | 5 YEAR TOTAL        |
|------------------------------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|
|                                          | FY2025              | FY2026              | FY2027             | FY2028             | FY2029             |                     |
| <b>Project Funding</b>                   |                     |                     |                    |                    |                    |                     |
| Annual Capital Project Reclassification  | \$10,958,354        | \$6,000,000         | \$6,000,000        | \$6,000,000        | \$6,000,000        | \$34,958,354        |
| New Headquarters and Operations Facility | \$1,000,000         | \$10,000,000        | \$0                | \$0                | \$0                | \$11,000,000        |
| Utility Cost Shares                      | \$599,811           | \$250,000           | \$265,500          | \$250,000          | \$250,000          | \$1,615,311         |
| Miscellaneous Contingency                | \$0                 | \$0                 | \$0                | \$0                | \$0                | \$0                 |
| <b>PROJECT FUNDING TOTAL</b>             | <b>\$12,558,165</b> | <b>\$16,250,000</b> | <b>\$6,265,500</b> | <b>\$6,250,000</b> | <b>\$6,250,000</b> | <b>\$47,573,665</b> |

# 2025 Capital Project Reclassification

## Project Description

Annual capital project reclassification originally expensed through the annual operating budget.

## Project Details

**Phase:** Not Applicable

**Priority:** Not Applicable

**Project Justification:** This project is required to reclassify operating costs related to urgent water replacements, urgent sewer replacements, and manhole and point repairs.

**Risk(s):** Failure to fully capitalize Pittsburgh Water assets.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                        | 2025-2029 CAPITAL PLAN |             |             |             |             | TOTAL        |
|--------------------------------------------------------|------------------------|-------------|-------------|-------------|-------------|--------------|
|                                                        | FY2025                 | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding                                        |                        |             |             |             |             |              |
| 2025-600-100-0 - 2025 Capital Project Reclassification | \$10,958,354           | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$34,958,354 |
| PROJECT FUNDING TOTAL                                  | \$10,958,354           | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$34,958,354 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |             |             |             |             | 5 YEAR TOTAL |
|-----------------------|------------------------|-------------|-------------|-------------|-------------|--------------|
|                       | FY2025                 | FY2026      | FY2027      | FY2028      | FY2029      |              |
| Project Funding       |                        |             |             |             |             |              |
| Debt (Revenue Bonds)  | \$10,958,354           | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$34,958,354 |
| PROJECT FUNDING TOTAL | \$10,958,354           | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$6,000,000 | \$34,958,354 |

# New Headquarters and Operations Facility

## Project Description

Pittsburgh Water is searching for a new headquarters location that would also include a space for the operations division.

## Project Details

**Phase:** Design

**Priority:** Quality of Service

**Project Justification:** A new location would provide additional space that is needed as a result of increased operations.

**Risk(s):** Increased operational challenges.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                           | 2025-2029 CAPITAL PLAN |              |        |        |        | TOTAL        |
|-----------------------------------------------------------|------------------------|--------------|--------|--------|--------|--------------|
|                                                           | FY2025                 | FY2026       | FY2027 | FY2028 | FY2029 |              |
| Project Funding                                           |                        |              |        |        |        |              |
| 2023-600-101-0 - New Headquarters and Operations Facility | \$1,000,000            | \$10,000,000 | \$0    | \$0    | \$0    | \$11,000,000 |
| PROJECT FUNDING TOTAL                                     | \$1,000,000            | \$10,000,000 | \$0    | \$0    | \$0    | \$11,000,000 |

## Funding Sources

|                       | 2025-2029 CAPITAL PLAN |              |        |        |        | 5 YEAR TOTAL |
|-----------------------|------------------------|--------------|--------|--------|--------|--------------|
|                       | FY2025                 | FY2026       | FY2027 | FY2028 | FY2029 |              |
| Project Funding       |                        |              |        |        |        |              |
| Debt (Revenue Bonds)  | \$1,000,000            | \$10,000,000 | \$0    | \$0    | \$0    | \$11,000,000 |
| PROJECT FUNDING TOTAL | \$1,000,000            | \$10,000,000 | \$0    | \$0    | \$0    | \$11,000,000 |

# Utility Cost Shares

## Project Description

This project will fund future cost share projects.

## Project Details

**Phase:** Not Applicable

**Priority:** Quality of Service

**Project Justification:** Cost sharing projects can provide savings to Pittsburgh Water.

**Risk(s):** Increased costs to Pittsburgh Water.

**Impact on Operations:** Increased operating flexibility and reliability.

**DSIC Eligible:** No

## Project Funding

|                                                                    | 2025-2029 CAPITAL PLAN |                  |                  |                  |                  | TOTAL              |
|--------------------------------------------------------------------|------------------------|------------------|------------------|------------------|------------------|--------------------|
|                                                                    | FY2025                 | FY2026           | FY2027           | FY2028           | FY2029           |                    |
| <b>Project Funding</b>                                             |                        |                  |                  |                  |                  |                    |
| 2024-600-104-0 - PennDOT - SR 8 Improvements (Butler St)           | \$15,870               | \$0              | \$0              | \$0              | \$0              | \$15,870           |
| 2024-600-102-0 - Utility Cost Shares                               | \$0                    | \$0              | \$0              | \$0              | \$0              | \$0                |
| 2025-600-102-0 - Utility Cost Shares                               | \$250,000              | \$250,000        | \$250,000        | \$250,000        | \$250,000        | \$1,250,000        |
| 2023-600-107-0 - Charles Anderson Bridge Utility Coordination      | \$0                    | \$0              | \$15,500         | \$0              | \$0              | \$15,500           |
| 2024-600-103-0 - North Avenue Signals & Safety Improvements (DOMI) | \$89,128               | \$0              | \$0              | \$0              | \$0              | \$89,128           |
| 2023-600-108-0 - PennDot SR4003 A25                                | \$8,813                | \$0              | \$0              | \$0              | \$0              | \$8,813            |
| 2023-600-106-0 - DOMI: Sylvan Avenue                               | \$236,000              | \$0              | \$0              | \$0              | \$0              | \$236,000          |
| <b>PROJECT FUNDING TOTAL</b>                                       | <b>\$599,811</b>       | <b>\$250,000</b> | <b>\$265,500</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$1,615,311</b> |

## Funding Sources

| 2025-2029 CAPITAL PLAN       |                  |                  |                  |                  |                  | 5 YEAR TOTAL       |
|------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
|                              | FY2025           | FY2026           | FY2027           | FY2028           | FY2029           |                    |
| <b>Project Funding</b>       |                  |                  |                  |                  |                  |                    |
| Debt (Revenue Bonds)         | \$599,811        | \$250,000        | \$265,500        | \$250,000        | \$250,000        | \$1,615,311        |
| <b>PROJECT FUNDING TOTAL</b> | <b>\$599,811</b> | <b>\$250,000</b> | <b>\$265,500</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$1,615,311</b> |

# Miscellaneous Contingency

## Project Description

Miscellaneous contingency project pass-through.

## Project Details

**Phase:** Not Applicable

**Priority:** Not Applicable

**Project Justification:** Improved efficiency of capital improvement fund management.

**Risk(s):** No identified risks.

**Impact on Operations:** Improved efficiency of capital improvement plan management.

**DSIC Eligible:** No

## Project Funding

| 2025-2029 CAPITAL PLAN                     |        |        |        |        |        | TOTAL |
|--------------------------------------------|--------|--------|--------|--------|--------|-------|
|                                            | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |       |
| Project Funding                            |        |        |        |        |        |       |
| 2025-600-101-0 - Miscellaneous Contingency | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |
| PROJECT FUNDING TOTAL                      | \$0    | \$0    | \$0    | \$0    | \$0    | \$0   |

## Funding Sources

| 2025-2029 CAPITAL PLAN |        |        |        |        | 5 YEAR TOTAL |     |
|------------------------|--------|--------|--------|--------|--------------|-----|
|                        | FY2025 | FY2026 | FY2027 | FY2028 | FY2029       |     |
| Project Funding        |        |        |        |        |              |     |
| Debt (Revenue Bonds)   | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |
| PROJECT FUNDING TOTAL  | \$0    | \$0    | \$0    | \$0    | \$0          | \$0 |

# Glossary of Terms and Acronyms

## Terms

**Appurtenance:** Structures and devices of a water, sewer, and stormwater system that are designed to assist in the efficient operation and maintenance.

**Bioretention:** The process in which contaminants and sedimentation are removed from stormwater runoff.

**Bioswale:** Channels designed to concentrate and convey stormwater runoff while removing debris and pollution.

**Catch basin:** A type of structure typically found on streets, parking lots, and other paved surfaces. It consists of a concrete or plastic box with a grate or cover on top, allowing water to enter while filtering out debris and larger objects.

**Choice Neighborhood:** A U.S. Department of Housing and Urban Development program that awards competitive grants to redevelop severely distressed neighborhoods.

**Clean Water Act (CWA):** A United States federal law enacted in 1972 that aims to regulate the discharge of pollutants into the waters of the United States and ensuring water quality for rivers, lakes, and coastal areas. The law is administered by the Environmental Protection Agency (EPA) and serves as the cornerstone of water pollution control efforts in the United States.

**Clearwell:** A tank that mixes treated water with disinfectants and stores water that is ready to be pumped out to customers.

**Floodplain:** Flat lands next to waterways that get flooded periodically.

**Impervious:** Not allowing liquid to pass through.

**Lift station:** Also known as a pumping station, these are an essential component of wastewater and stormwater management systems to move water or sewage from lower elevations to higher ones. Lift stations prevent the need for deep, costly sewer lines by allowing water to be "lifted" and transported to treatment plants or further along the collection system.

**Manhole:** An opening in the ground that provides access to underground utility systems.

**Outfall:** A structure or point where wastewater and/or stormwater discharges from a pipe or drainage system into another body of water. Outfalls are designed to manage the flow of water and can include features to help treat the water before it enters the environment, minimizing pollution and impact on aquatic ecosystems.

**Pathogen:** A bacterium, virus, or other microorganism that can cause disease.

**Permeable:** Allows liquids to pass through.

**PGH20 Cares Team:** A specialized group within Pittsburgh Water focused on providing direct assistance to low-income and vulnerable customers. Their primary role is to help customers enroll in the available customer assistance programs, which offer discounts and other benefits to reduce bills.

**Pump station:** A facility that uses pumps to move water from one location to another within the distribution system.

**Reservoir:** Large natural or artificial storage area designed to hold water for water supply throughout the distribution system.

**Safe Drinking Water Act (SDWA):** A United States federal law enacted in 1974 that aims to protect the quality of drinking water in the United States. The SDWA authorizes the Environmental Protection Agency (EPA) to set national health-based standards for drinking water to protect against both naturally occurring and human-made contaminants that may be present in water systems.

**Sedimentation basin:** A structure designed to remove suspended solids from water or wastewater. The main purpose of a sedimentation basin is to allow solids to settle out of the water due to gravity, making the water cleaner. This is commonly used in water treatment plants, stormwater management systems, and industrial wastewater treatment processes.

**Stormwater:** Water that originates from precipitation, including rain, hail, and snow.

**Subsurface detention system:** Underground structures that are used to detain and release stormwater.

**Tariff:** All the water, wastewater, and stormwater service rates, rules, and regulations issued by Pittsburgh Water, which are officially approved by the Pennsylvania Public Utility Commission.

**Water treatment plant:** A facility that processes and purifies water to make it safe for drinking, recreational use, or industrial applicants.

## Acronyms

**ALCOSAN:** Allegheny County Sanitary Authority: The public agency that provides wastewater treatment services for 83 municipalities in Allegheny County, including Pittsburgh and its suburbs.

**AMI:** Advanced Metering Infrastructure: Refers to an integrated system of smart meters, communication networks, and data management systems that enable two-way communication between utility companies and their customers.

**ARPA:** American Rescue Plan Act: A federal economic assistance program that provides direct aid for workers, families, small businesses, and industries affected by COVID-19.

**BRT:** Bus Rapid Transit: A bus-based public transport system designed to have much more capacity, reliability and other quality features than a conventional bus system.

**CCTV:** Closed Circuit Television: A system that uses cameras to inspect pipes, sewers, and drains. CCTV can help identify issues in water and wastewater infrastructure without having to dig or remove walls.

**CSO:** Combined Sewer Overflows: Discharges of untreated, diluted sewage into rivers and watercourses during heavy rainfall.

**DSIC:** Distribution System Improvement Charge: Charges on customers' bills to be used for system improvements.

**EPA:** Environmental Protection Agency: An independent agency of the United States federal government tasked with protecting human health and the environment. The primary responsibility is to create and enforce regulations based on laws passed by Congress to protect air, water, and land resources, and ensure that both natural ecosystems and public health are protected.

**GI:** Green Infrastructure: An approach to managing wet weather impacts to sewer systems and surface waters.

**GPM:** Gallons Per Minute: A flow rate measurement used to measure the velocity of liquid through water and sewer pipes.

**IFE:** Individual Filter Effluent: A measurement of the clarity of water.

**LSLR:** Lead Service Line Replacement: The replacement of lead water service lines.

**MS4:** Municipal Separate Storm Sewer System: A collection of structures, including retention basins, ditches, roadside inlets and underground pipes, designed to gather stormwater from built-up areas and discharge it, without treatment, into local streams and rivers. It is not connected to the sanitary sewer system.

**PADEP:** Pennsylvania Department of Environmental Protection: The Pennsylvania state agency that oversees environmental protection and manages permitting, licensing, and compliance.

**PUC:** Pennsylvania Public Utility Commission: The state agency responsible for overseeing public utilities in Pennsylvania. Its primary role is to ensure that utility services are provided to consumers in a safe, reliable, and cost-effective manner. The PUC plays a critical role in balancing the interests of utility companies with those of consumers, while also promoting sustainable and efficient utility practices.

**PENNVEST:** Pennsylvania Infrastructure Investment Authority: A Pennsylvania authority that provides low-interest loans and grants for water, wastewater, and stormwater projects.

**SCADA:** Supervisory Control and Data Acquisition: A system of software and hardware that allows organizations to control industrial processes and to collect, analyze, and process data.

**SSO:** Sanitary Sewer Overflows: Discharges of untreated sewage into the environment, not due to stormwater.

**WIFIA:** Water Infrastructure Finance and Innovation Act: A federal program that provides long-term, low-cost supplemental loans for water, wastewater, and stormwater infrastructure projects.