Docusign Envelope ID: 95667988-BE3D-422F-A160-63230160CEA0

PGH2O Pittsburgh Water & Sewer Authority

July 31, 2024

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

Re: Pittsburgh Water and Sewer Authority 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 and Sewer Authority ("PWSA") Compliance Plan Quarterly Update Report for the Second Quarter of 2024. 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 PWSA'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, PWSA 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) PWSA's Revised Compliance Plan as filed April 27, 2020; and (3) the Settlement of PWSA'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

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

info@pgh2o.com
T 412.255.2423
F 412.255.2475

www.pgh2o.com
@pgh2o

Customer Service /
Emergencies:
412.255.2423

Pittsburgh Water and Sewer Authority

PUC Quarterly Update Report

Q2 2024

Contents

Contents **3**

1. Operations **4**

a. Compliance Plan Supplement Requirements 4

2. Customer Service **4**

a. Compliance Plan Supplement Requirements 4

3. Lead **9**

a. Tariff and Compliance Plan Supplement Requirements 9

4. Infrastructure **1**

a. Master List of Stipulation Requirements 10

b. Compliance Plan Supplement Requirements 11

c. Compliance Plan Requirements 13

5. Finance, Contractual, and Other Issues **14**

a. Compliance Plan Supplement Requirements 14

b. Compliance Plan Requirements 14

Appendix A – Completed Compliance Plan Requirements

Appendix B – Title 52 Sections where PWSA 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 PWSA 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 99 hydrants were replaced in 2024.

i. Replace one hundred hydrants per year

PWSA agreed to replace one hundred hydrants per year. The replacement program is focused on removing older models from service on larger diameter mains. PWSA has replaced a total of 99 hydrants in 2024. 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." PWSA 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 PWSA 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.		The following are complete with a portion of (c) on-going: • Improved outreach and messaging for programs (a); • Launched a social media campaign (b); • 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); • Assessed applicable data (d); • 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); • Explored issues related to the structure of the Hardship Grant program (f); • Reviewed changes to PWSA customer service policies and procedures (g); and • Funded BDP with separate budgets for water and wastewater (h).

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

PWSA 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

	April 2024	May 2024	June 2024
Personal Contact Attempts	91	66	57
Terminations Completed	43	31	31
Terminations Placed on Hold Due to Personal Contact	34	30	17
Terminations Not Completed Due to Curb Box Issues	14	5	7

Customer Satisfaction Survey

Per the Joint Petition for Settlement approved by the Commission on December 3, 2020, PWSA submits these initial Customer Satisfaction Survey findings.

In 2022, the Pittsburgh Water and Sewer Authority engaged Probolsky Research to conduct our first customer satisfaction survey. The purpose of the survey was to gauge overall customer satisfaction and perceptions of PWSA, measure awareness of programs and

services, and understand customers' preferred methods of communication. The survey was conducted from August 8 – September 14, 2022, using a variety of methods to reach a representative sample of PWSA customers.

In total, we received 430 responses, which, according to Probolsky Research, is a representative sample of our customers. We received responses from a broad sampling of the Pittsburgh community. The following demographics stood out.

The largest age group to respond were those between the ages of 18 - 29 (31%) followed by those who were 50 - 64 (20%). More than one-third of respondents reported an income of less than $35,000 (35.3%) and more than half of respondents identified as renters.

The results indicate that there is significant name recognition and awareness of PWSA and that a majority of respondents approve of the job PWSA is doing. The following summarizes some of the key findings of the survey results.

Key Findings on Customer Awareness and Approval

- 85% have heard of PWSA (5% Unsure)
- 55% approve of the job PWSA is doing (31% Unsure)
- 58% rate the water and sewer services in their area as excellent or good (25% Fair, 6% Unsure)
- 84% agree the services PWSA provides are valuable (12% Unsure)

Key Findings on Important Activities and Attributes

- 93% say it's important to them that PWSA is transparent about drinking water quality (6% Unsure)
- 91% say it's important to them that PWSA protects public health (7% Unsure)
- 91% say it's important to them that PWSA plans for future improvements in the water system (7% Unsure)
- 90% say it's important to them that PWSA protects the environment (5.6% Unsure)
- 79% support PWSA using ratepayer dollars to invest funds to maintain, improve & modernize water infrastructure (13% Unsure)

Key Findings on Customer Assistance Programs

- 44% are not at all familiar with PWSA's Customer Assistance Programs (25.8% Somewhat familiar, 9.3% Very familiar)
- 7.4% are already enrolled
- 72% support using ratepayer dollars to enhance and expand these programs

Key Findings on PWSA Employees

- 86% agree that PWSA employees are important to public health and safety
- 60% trust that the agencies that provide water services have their family's best interest at heart (23.5% Unsure)
- 47% trust that PWSA makes smart decisions about water and sewer services (40.5% Unsure)

41% of respondents indicated that email is their preferred method of communication for receiving information from PWSA and nearly 55% receive information about their community from local television. KDKA is the most watched network and Facebook is the most used social media platform. Additionally, water quality (51.2%) and water safety (48.1%) are the two topics on which PWSA customers would like consistent updates.

Recommendations and Next Steps

PWSA has reviewed the survey results and has shared the findings with its Board of Directors and department leaders to ensure that each department has a general awareness of the findings and areas for improvement. In 2023, PWSA used the survey findings to make improvements in the following areas.

Explored outbound email capabilities of the Customer Advantage portal.

We are continuing to explore email platforms as an opportunity to expand outbound communication to customers. To support the evolution of our communication channels, it was necessary to first develop a website privacy policy to serve as a foundation for several of our public-facing communication tools, including the PGH2O website and Customer Advantage portal. This policy introduces how we manage customer data. A draft has been circulated for review. Once finalized, we will begin developing a policy and procedures associated with the email platform and initiate its implementation.

Launched a campaign to describe 2022 accomplishments and continued infrastructure investment in 2023.

Communication related to infrastructure investment is ongoing. Since 2022, we have hosted several media events to build awareness and highlight progress associated with high-profile construction projects, such as lead service line replacements and Water Reliability Plan projects. These have generated positive media attention while expanding local awareness and positioning PWSA as a national leader. We also produce an annual Year in Review that highlights our organizational progress and investment in our water systems.

Outreach and Education

Water Workshops

This past June, the Pittsburgh Water and Sewer Authority hosted a series of five Water Workshops to build awareness and trust in drinking water quality and safety. They targeted five environmental justice areas across Pittsburgh including the Northside, Mount Washington, the Hill District, the East End, and Hazelwood.

More than 100 customers attended the workshops. Based on feedback and the conversations that took place, many appreciated that we took the time to come to their neighborhoods to provide an update on water services and the progress we've made to remove lead lines and upgrade the system. Featured during the workshops was a presentation on the water treatment process, which concluded with audience questions. Attendees also participated in exploratory exercises and activities associated with water quality and the treatment process.

The Workshops were an organization-wide effort. Frank Sidari, Chief Environmental Compliance and Ethics Officer gave the presentation and representatives from the Water Quality team, Engineering, and the PGH2O Cares team were available to answer questions. The Public Affairs department coordinated and organized the events.

- **Press Release**: PWSA Announces Water Workshops, May 14, 2024
- **Press Release:** PWSA Water Workshops Build Confidence and Trust in Drinking Water Quality, July 22, 2024
- **Water Workshop Video:** https://www.youtube.com/watch?v=nAJ5yKF8Gb4

Stormwater Education

This May, the Pittsburgh Water and Sewer Authority in collaboration with the Penn State Master Watershed Stewards and Master Gardeners, held an educational session on Stormwater Management. This workshop provided an overview of the stormwater fee, the rain barrel and stormwater credit programs and offered tips to residents on how they could manage stormwater on their property.

- **Press Release**: Attend Upcoming Stormwater Workshop for Water and Money Saving Tips, May 3, 2024

Additionally, the first draft of the Enhance Stormwater Communication Plan was presented to the Low- Income Advisory Assistance Committee (LIAAC) in June. We are continuing to build the plan and will present it to an initial group of stormwater partners later this summer. This primarily includes representatives from PULP and Pittsburgh United's Our Water Table.

Community Events and Youth Engagement

During the second quarter, our event season ramps up and from April through June, we have hosted or attended 40 community events. These include Mayor Gainey's City in the Street events, the Water Workshops, sponsorship of Bike Pittsburgh's Open Streets, Farmer's Markets, and numerous other educational engagements at the Carnegie Libraries, summer camps and school programs. Since the beginning of 2024, we have participated in more than 60 events or community meetings, and have activities booked through November.

Our Water Monster, a small hydration station available for community events, is frequently requested for events large and small. During the second quarter it was requested for 11 community events. We are proud to offer this service at no charge to event attendees and event organizers. It is primarily made available to non-profit, community organizations. The Water Monster is reserved for events taking place through November.

Lead Service Line Removal and Funding

We continue to provide announcements on lead service line replacement and funding awards that help to advance the removal of lead service lines. The following three press release were issued during the second quarter and early in the third quarter.

- **Press Release**: PWSA Removes 11,000th Lead Service Line, April 25, 2024
- **Press Release**: PWSA to invest $60.1 million in water main and lead service line replacements this summer, June 6, 2024
- **Press Release**: PWSA Continues Aggressive Removal of Lead Service Lines with $15 Million PENNVEST Grant, July 17, 2024

Newsletters, Press Releases, and Media

Second Quarter

Building trust and confidence in drinking water was the focus of communication efforts throughout the second quarter. From the Water Workshops held during the month of June, to the information shared in our monthly newsletter, and the activities we are bringing to community events, we consistently worked towards raising awareness about drinking water quality, the treatment process, and the robust monitoring performed each month.

Our annual Water Quality Report was issued on June 1st and customers received the one-page fact sheet, "Is My Water Safe?" with their June bill, which included a link to download and review the Water Quality Report from our website. Additionally, messaging of water quality and safety continued in the June issue of *Currents*, our monthly newsletter. It included a summary of the findings from our Water Quality Report, an article about the water treatment process, and our Employee Spotlight featured Jeff Turko, Senior Group Manager for Water Quality and Water Treatment. Shortly after the release of Water Quality report, *WESA* published an article highlighting the annual report and lowest lead levels in two decades.

WESA Water Quality Report: https://www.wesa.fm/environment-energy/2024-06-07/pittsburgh-tap-water-lead-levels-fall, June 7, 2024.

The July issue of *Currents* focused on water safety with the main article featuring the importance of hydrant flushing. A media engagement with WPXI further highlighted the importance of this routine maintenance activity both from the water quality and public safety perspective.

WPXI Hydrant Flushing: https://www.wpxi.com/news/investigates/importance-hydrant-flushing-how-often-it-happens-pittsburgh/E5WVTJ3VPZARZGQCJ4LZE5TVHE/, July 5, 2024.

Finally, we released an animated video of the water treatment process. Viewers young and old can follow our water drop's journey through from our source water, the Allegheny River to your tap.

3. Lead

One of the major focus areas of the Tariff and Compliance Plan Supplement was PWSA's lead remediation program. The following sections lay out the requirements related to lead, as well as the actions that PWSA 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 PWSA 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.
PWSA will provide information regarding actual replacement costs including quarterly and cumulative year-to-date data.	Quarterly	Replacement costs were $1,291,580for the 2nd quarter of 2024. 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 2024 is included in Appendix H.

ii. Results of the Lead Level Testing

Results of the Lead Level testing are as follows:

Sample Round	90th Percentile 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. PWSA will provide information regarding actual replacement costs including quarterly and cumulative year-to-date data

Actual replacement costs for the 2nd quarter of 2024 are $1,291,580. These costs do not include service lines replaced as part of the Small Diameter Water Main Replacement Contracts.

The Compliance Plan requirements associated with PWSA'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 PWSA. 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	PWSA 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 PWSA's GIS is updated, PWSA will provide a comprehensive materials report and updated information regarding types and sizes of valves in future Compliance Plan Progress Reports. PWSA 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 PWSA's projections, as shown in Table 6. This section lays out each of the requirements that PWSA 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	PWSA 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

PWSA 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 2022 – 2026 Capital Improvement Plan (see Appendix L).

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

PWSA 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, PWSA is tracking project total costs and cash flow relative to budget. PWSA 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: Brucken 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, PWSA 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 PWSA Operations to reduce concerns associated with handling and transporting the chemical during refilling and replacing totes at these sites. PWSA 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 PWSA'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 PWSA, 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	PWSA 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 Target
65.4 Organize, store, and input current records backlog into GIS.	On-going	On Target
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, PWSA 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. PWSA 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

PWSA 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

PWSA 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 PWSA'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 PWSA 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

Task	Timeline (if specified in the Compliance Plan Supplement)	Progress to Date
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 PWSA'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 PWSA's collection system is combined, which prevents the Authority from accurately measuring stormwater and wastewater separately. However, PWSA 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 PWSA's contract with ALCOSAN, including renegotiation of the contract

PWSA 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 PWSA'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 PWSA, 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. PWSA 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

PWSA 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
Operations		
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

Customer Service		
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
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).	Monthly	Completed. Data is in Appendix E of this report
56.11-56.25 and 56.261-56.275 - Complete bill redesign project.		Completed as of June 3, 2020
BCS input on PWSA CAP Program	Next base rate case	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.
Commission development of a "Model Water CAP Design"		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	Completed. PWSA assigned 12 meters to DPW to track water usage.
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 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.
Collect and report on requested billing data (Appendix D)	Quarterly	Reporting found in Appendix D.
Fund BDP program using revenues collected from approved rates in the tariff filing.		On-going
Customer outreach	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).

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 *draft* 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

Work with the parties to determine an appropriate informal complaint tracking information review process.	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, 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.
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.	2023	The following are complete with a portion of (c) on-going: • Improved outreach and messaging for programs (a); • Launched a social media campaign (b); • 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); • Assessed applicable data (d); • 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); • Exploring issues related to the structure of the Hardship Grant program (f); • Reviewed changes to PWSA customer service policies and procedures (g); and • Funding BDP with separate budgets for water and wastewater (h).

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.
Infrastructure		
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.

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.
Lead		
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
Make all historical service line records available for public viewing on website.	Within 90 days of effective date of rates	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.

Finance, Contractual, and Other Issues		
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		> Physical security plan: 12/31/2019 > Cyber security plan: Approved > Emergency response plan – 10/31/2019 > Business continuity plan – 10/31/2019
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
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.	LTIIP.	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	Q2 2024
Pipeline Materials (% of pipe segments with materials listed in GIS)	Water: 38% 26,875 out of 70,854 water mains have material populated) Sewer: 94% (44,429 out of 47,082 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) *	12.94 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: 91% (64,779 out of 70,854 water mains have date installed populated) Sewer: 89% (41,971 out of 47,082 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. 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: 950.4 miles; Abandoned Water Mains: 199.2 miles mapped in GIS (includes abandoned water mains layer originally exported from CAD prior to GIS conversion) Active Sewer Mains: 1,241.9 miles; Abandoned Sewer Mains: 63.5 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)	123 in Q2 2024
Leak Repair (number of leaks repaired – service line)	65 in Q2 2024
Pipeline Damages from Excavation (GIS or CMMS field denoting suspected cause of leak)	34 instances for Q2 2024
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)	15
Sanitary Flow Reduction (Volume of reportable SSOs per year)	1.41575
Miles of Combined Sewer Separation (per year)	Queenston Sewer Separation Completed 821 LF
Unaccounted for Water (% of finished water that is unaccounted for)	66.67%
Non-revenue Water (% of finished water that is non-revenue)	68.15%

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

Appendix D – Low Income Customer Billing Metrics

Billing Metrics	January 2024	April 2024	July 2024
Billed revenue	$75,926,407	$72,789,866	$82,813,069
Receipts actually collected	$72,473,040	$75,590,576	$78,820,327
Number of accounts in arrears	22,691	21,435	17,745
Dollars of arrears	$24,226,388	$24,744,165	$21,339,012
Number of accounts disconnected for nonpayment	13	0	98
Number of accounts receiving a notice of disconnection for nonpayment	619	0	9,388
Number of bill discount participants who entered the bill discount program with unpaid account balances	548	646	676
Dollars of unpaid account balances for bill discount program participants at the time those participants entered the bill discount program	$561,447	$828,444	$997,849
Number of bill discount participants by agreed-upon poverty ranges	15212 0.00% 15210 0.00% 15210 0.00% 15212 0.00% 15204 0.00% 15213 0.00% 15210 0.00% 15216 0.00% 15205 0.00% 15204 0.00% 15217 0.00% 15211 0.00% 15210 0.00% 15221 0.00% 15208 0.00% 15213 0.00% 15212 0.00% 15210 0.00% 15206 0.00% 15214 0.00% 15209 0.00% 15221 0.00%	15203 0.00% 15220 0.00% 15212 0.00% 15234 0.00% 15211 0.00% 15204 0.00% 15210 0.00% 15211 0.00% 15219 0.00% 15226 0.00% 15205 0.00% 15213 0.00% 15210 0.00% 15212 0.00% 15224 0.00% 15219 0.00% 15204 0.00% 15206 0.00% 15212 0.00% 15210 0.00% 15212 0.00% 15207 0.00%	15204 0.00% 15216 0.00% 15212 0.00% 15206 0.00% 15210 0.00% 15219 0.00% 15221 0.00% 15207 0.00% 15212 0.00% 15219 0.00% 15214 0.00% 15220 0.00% 15212 0.00% 15214 0.00% 15206 0.00% 15206 0.00% 15210 0.00% 15212 0.00% 15214 0.00% 15212 0.00% 15212 0.00% 15212 0.00%

15210	0.00%	15201	0.00%	15210	0.00%
15217	0.00%	15205	0.00%	15204	0.00%
15224	0.00%	15217	0.00%	15204	0.00%
15206	0.00%	15210	0.00%	15210	0.00%
15210	0.00%	15220	0.00%	15204	0.00%
15219	0.00%	15211	0.00%	15212	0.00%
15207	0.00%	15206	0.00%	15210	0.00%
15204	0.00%	15212	0.00%	15217	0.00%
15212	0.00%	15208	0.00%	15212	0.00%
15203	0.00%	15206	0.00%	15204	0.00%
15203	0.00%	15210	0.00%	15227	0.00%
15210	0.00%	15211	0.00%	15201	0.00%
15212	0.00%	15216	0.00%	15210	0.00%
15212	0.00%	15211	0.00%	15212	0.00%
15212	0.00%	15226	0.00%	15203	0.00%
15212	0.00%	15212	0.00%	15226	0.00%
15226	0.00%	15204	0.00%	15208	0.00%
15201	0.00%	15210	0.00%	15210	0.00%
15203	0.00%	15210	0.00%	15224	0.00%
15214	0.00%	15214	0.00%	15206	0.00%
15204	0.00%	15210	0.00%	15220	0.00%
15212	0.00%	15208	0.00%	15212	0.00%
15212	0.00%	15219	0.00%	15208	0.00%
15207	0.00%	15204	0.00%	15207	0.00%
15205	0.00%	15210	0.00%	15204	0.00%
15210	0.00%	15224	0.00%	15210	0.00%
15220	0.00%	15219	0.00%	15210	0.00%
15204	0.00%	15214	0.00%	15205	0.00%
15220	0.00%	15212	0.00%	15220	0.00%
15207	0.00%	15234	0.00%	15214	0.00%
15217	0.00%	15206	0.00%	15220	0.00%
15227	0.00%	15211	0.00%	15219	0.00%
15226	0.00%	15204	0.00%	15208	0.00%
15209	0.00%	15204	0.00%	15212	0.00%
15206	0.00%	15233	0.00%	15212	0.00%
15204	0.00%	15214	0.00%	15203	0.00%
15210	0.00%	15208	0.00%	15226	0.00%
15207	0.00%	15212	0.00%	15220	0.00%
15216	0.00%	15216	0.00%	15214	0.00%
15211	0.00%	15203	0.00%	15226	0.00%
15210	0.00%	15224	0.00%	15212	0.00%
15210	0.00%	15216	0.00%	15208	0.00%
15226	0.00%	15210	0.00%	15206	0.00%
15217	0.00%	15201	0.00%	15224	0.00%

15210	0.00%	15210	0.00%	15201	0.00%
15214	0.00%	15211	0.00%	15207	0.00%
15206	0.00%	15204	0.00%	15235	0.00%
15233	0.00%	15212	0.00%	15210	0.00%
15210	0.00%	15212	0.00%	15226	0.00%
15204	0.00%	15214	0.00%	15211	0.00%
15220	0.00%	15212	0.00%	15201	0.00%
15224	0.00%	15206	0.00%	15214	0.00%
15207	0.00%	15211	0.00%	15201	0.00%
15214	0.00%	15204	0.00%	15221	0.00%
15204	0.00%	15210	0.00%	15210	0.00%
15206	0.00%	15217	0.00%	15226	0.00%
15208	0.00%	15216	0.00%	15212	0.00%
15226	0.00%	15212	0.00%	15212	0.00%
15204	0.00%	15206	0.00%	15212	0.00%
15210	0.00%	15206	0.00%	15232	0.00%
15212	0.00%	15207	0.00%	15206	0.00%
15214	0.00%	15232	0.00%	15227	0.00%
15212	0.00%	15203	0.00%	15214	0.00%
15210	0.00%	15218	0.00%	15203	0.00%
15211	0.00%	15234	0.00%	15214	0.00%
15106	0.00%	15210	0.00%	15212	0.00%
15211	0.00%	15208	0.00%	15211	0.00%
15201	0.00%	15226	0.00%	15204	0.00%
15210	0.00%	15212	0.00%	15207	0.00%
15226	0.00%	15205	0.00%	15201	0.00%
15212	0.00%	15207	0.00%	15203	0.00%
15212	0.00%	15203	0.00%	15212	0.00%
15203	0.00%	15210	0.00%	15210	0.00%
15206	0.00%	15207	0.00%	15207	0.00%
15204	0.00%	15204	0.00%	15208	0.00%
15217	2.05%	15206	0.00%	15207	0.00%
15210	2.41%	15212	0.00%	15220	0.00%
15208	6.61%	15206	0.00%	15210	0.00%
15210	8.00%	15226	0.00%	15212	0.00%
15208	8.23%	15211	0.00%	15210	0.00%
15211	8.23%	15208	0.00%	15206	0.00%
15206	10.00%	15212	0.00%	15212	0.00%
15212	10.24%	15212	0.00%	15204	0.00%
15224	12.35%	15201	0.00%	15214	0.00%
15210	13.66%	15210	0.00%	15210	0.00%
15219	13.66%	15220	0.00%	15233	0.00%
15213	14.40%	15206	0.00%	15212	0.00%
15214	14.92%	15212	0.00%	15220	0.00%

	15214	15.21%	15227	0.00%	15227	0.00%
	15212	16.46%	15204	0.00%	15207	0.00%
	15219	18.26%	15224	0.00%	15232	0.00%
	15224	18.26%	15210	0.00%	15204	0.00%
	15224	18.93%	15227	0.00%	15207	0.00%
	15210	19.23%	15210	0.00%	15213	0.00%
	15203	19.31%	15226	0.00%	15207	0.00%
	15212	19.31%	15206	0.00%	15211	0.00%
	15204	20.00%	15207	0.00%	15208	0.73%
	15216	20.49%	15203	3.96%	15212	2.14%
	15210	20.73%	15226	5.52%	15205	3.15%
	15207	21.45%	15232	6.70%	15204	3.28%
	15213	23.90%	15212	10.62%	15204	3.85%
	15213	24.14%	15217	10.69%	15207	4.51%
	15207	24.14%	15211	11.16%	15206	4.88%
	15214	24.15%	15213	11.50%	15220	5.77%
	15204	24.34%	15210	11.95%	15210	5.87%
	15219	24.34%	15204	13.12%	15210	6.56%
	15208	24.69%	15207	13.41%	15227	9.30%
	15206	24.86%	15210	13.46%	15210	11.54%
	15213	26.55%	15214	13.50%	15226	11.67%
	15210	26.81%	15219	13.94%	15214	11.95%
	15219	27.24%	15210	14.27%	15212	13.53%
	15204	27.32%	15207	14.48%	15220	13.62%
	15210	27.89%	15204	14.48%	15207	13.94%
	15235	28.96%	15204	14.69%	15216	13.94%
	15220	29.21%	15204	15.21%	15212	14.30%
	15204	29.29%	15219	15.25%	15213	15.38%
	15211	30.43%	15212	15.37%	15201	15.94%
	15214	30.43%	15220	15.37%	15212	16.03%
	15207	30.43%	15210	15.46%	15214	16.40%
	15219	30.43%	15219	15.50%	15212	16.40%
	15212	30.89%	15204	16.00%	15214	16.73%
	15204	31.21%	15204	16.33%	15207	17.51%
	15208	31.21%	15204	16.84%	15227	17.61%
	15214	31.21%	15234	17.07%	15210	18.21%
	15210	31.35%	15214	17.50%	15212	18.59%
	15212	31.90%	15205	18.59%	15205	18.68%
	15221	32.92%	15211	18.59%	15226	18.68%
	15212	33.47%	15212	18.90%	15206	18.73%
	15210	33.64%	15219	18.93%	15220	18.82%
	15201	34.15%	15210	19.08%	15120	19.23%
	15214	34.15%	15204	19.23%	15217	19.35%
	15233	34.15%	15210	20.49%	15204	19.57%

	15209	34.62%	15217	22.61%	15211	20.02%
	15214	34.96%	15214	23.17%	15207	20.65%
	15204	35.42%	15219	23.24%	15210	21.40%
	15204	36.00%	15210	23.31%	15201	23.08%
	15208	36.00%	15226	23.48%	15210	23.08%
	15212	36.51%	15201	23.89%	15226	23.24%
	15212	36.51%	15208	24.34%	15214	23.48%
	15209	36.56%	15216	24.34%	15220	23.90%
	15214	37.04%	15204	24.34%	15226	24.14%
	15210	37.06%	15214	24.60%	15207	24.60%
	15221	37.12%	15212	25.86%	15210	25.89%
	15210	37.56%	15210	26.00%	15207	26.24%
	15206	37.86%	15214	26.11%	15220	27.46%
	15212	38.49%	15204	26.14%	15210	27.84%
	15210	38.78%	15214	26.23%	15214	27.89%
	15216	39.10%	15210	26.29%	15210	27.89%
	15216	39.63%	15210	26.42%	15214	28.38%
	15209	40.00%	15204	26.68%	15203	29.28%
	15201	40.00%	15204	26.81%	15220	29.35%
	15212	40.98%	15203	27.33%	15216	29.65%
	15226	41.15%	15201	27.41%	15206	30.21%
	15222	41.15%	15207	27.82%	15214	31.21%
	15208	41.15%	15206	28.00%	15221	31.46%
	15208	41.15%	15208	28.96%	15212	31.46%
	15211	42.16%	15207	29.35%	15201	31.49%
	15206	42.60%	15227	29.35%	15220	31.69%
	15203	42.60%	15212	29.35%	15212	31.73%
	15216	42.60%	15201	29.35%	15214	31.87%
	15217	42.96%	15233	29.48%	15217	31.87%
	15210	42.96%	15210	29.56%	15208	31.87%
	15204	43.24%	15214	30.00%	15219	31.87%
	15204	43.44%	15204	30.21%	15206	32.53%
	15206	43.44%	15208	30.65%	15227	32.62%
	15227	43.44%	15219	30.73%	15208	32.80%
	15208	43.44%	15234	30.93%	15212	32.80%
	15220	44.17%	15206	31.00%	15212	32.80%
	15204	44.38%	15212	31.08%	15214	33.46%
	15204	44.39%	15204	31.46%	15210	33.94%
	15212	44.60%	15234	31.49%	15210	34.03%
	15212	44.69%	15210	31.56%	15220	34.62%
	15205	45.28%	15207	31.60%	15214	34.62%
	15210	45.42%	15226	31.92%	15212	34.62%
	15205	45.64%	15210	32.00%	15204	34.86%
	15204	46.06%	15207	32.00%	15208	34.99%

	15201	46.13%	15214	32.46%	15220	35.09%
	15204	46.19%	15204	32.53%	15220	35.15%
	15212	47.04%	15210	32.69%	15212	35.49%
	15210	47.81%	15210	32.75%	15212	35.86%
	15210	48.00%	15212	33.07%	15219	35.86%
	15206	48.00%	15216	33.92%	15208	36.15%
	15216	48.00%	15221	34.00%	15209	36.15%
	15224	48.00%	15207	34.00%	15206	36.25%
	15210	48.17%	15219	35.20%	15207	36.99%
	15234	48.27%	15220	35.23%	15203	37.08%
	15212	48.27%	15204	35.68%	15214	37.18%
	15207	48.27%	15210	35.75%	15216	37.40%
	15211	48.27%	15205	35.75%	15219	38.02%
	15217	48.60%	15201	36.21%	15214	38.79%
	15212	48.68%	15234	36.23%	15212	38.81%
	15201	48.68%	15212	36.25%	15204	38.85%
	15204	49.13%	15219	36.51%	15203	39.09%
	15210	49.38%	15210	36.51%	15206	39.28%
	15210	49.38%	15216	36.51%	15219	39.37%
	15210	49.38%	15212	37.04%	15203	39.37%
	15226	49.38%	15210	37.18%	15214	39.37%
	15217	50.00%	15212	37.53%	15226	39.84%
	15214	50.00%	15210	37.72%	15210	39.84%
	15201	50.37%	15204	38.00%	15214	39.84%
	15212	50.57%	15210	38.46%	15226	39.84%
	15212	51.18%	15214	38.46%	15226	39.84%
	15210	51.22%	15214	39.84%	15232	39.84%
	15203	51.44%	15210	39.84%	15210	39.84%
	15226	51.80%	15217	40.00%	15206	40.08%
	15233	51.84%	15226	40.43%	15212	40.51%
	15211	52.90%	15207	41.13%	15210	40.97%
	15212	53.10%	15219	41.15%	15212	41.10%
	15214	53.25%	15203	41.15%	15206	41.19%
	15216	53.40%	15212	41.15%	15210	41.20%
	15226	53.50%	15227	41.71%	15211	41.83%
	15221	53.62%	15212	41.83%	15212	42.12%
	15214	53.62%	15214	41.83%	15214	42.48%
	15216	53.62%	15208	41.83%	15212	42.66%
	15234	54.64%	15204	41.83%	15210	42.66%
	15210	55.48%	15201	41.90%	15227	42.76%
	15204	55.62%	15203	42.00%	15226	42.90%
	15207	55.62%	15206	43.03%	15204	43.83%
	15212	55.74%	15219	44.15%	15210	43.83%
	15226	55.80%	15207	44.21%	15204	43.83%

	15210	56.00%	15210	44.52%	15210	43.83%
	15210	56.38%	15212	44.58%	15211	44.15%
	15208	56.62%	15206	44.71%	15227	44.62%
	15206	56.89%	15204	45.19%	15206	44.80%
	15210	56.96%	15206	45.42%	15214	44.86%
	15205	56.96%	15211	45.52%	15207	45.37%
	15212	57.26%	15212	45.63%	15212	45.73%
	15206	57.57%	15210	45.64%	15210	45.76%
	15214	57.61%	15210	45.85%	15212	46.15%
	15206	57.61%	15220	46.15%	15212	46.15%
	15206	57.61%	15210	46.15%	15207	46.15%
	15212	57.71%	15206	46.15%	15205	46.15%
	15212	57.92%	15226	46.29%	15212	46.15%
	15201	57.92%	15224	46.48%	15204	46.15%
	15201	57.92%	15204	46.48%	15221	46.15%
	15212	57.92%	15204	46.48%	15207	46.48%
	15212	57.92%	15206	46.59%	15208	46.48%
	15211	57.92%	15212	47.29%	15208	46.48%
	15210	57.92%	15206	47.54%	15214	46.48%
	15227	58.05%	15210	47.81%	15206	46.48%
	15210	58.12%	15210	48.00%	15220	46.48%
	15210	59.26%	15208	48.00%	15210	46.97%
	15206	59.33%	15214	48.11%	15207	46.97%
	15216	60.00%	15214	48.68%	15214	46.97%
	15217	60.32%	15207	48.72%	15208	46.97%
	15217	60.85%	15210	48.85%	15210	46.97%
	15220	60.85%	15221	48.97%	15219	46.97%
	15214	60.85%	15226	49.38%	15203	47.81%
	15220	61.34%	15217	49.57%	15212	47.96%
	15208	61.47%	15210	51.12%	15226	49.04%
	15214	61.47%	15205	51.22%	15226	49.21%
	15212	61.47%	15214	51.64%	15207	49.21%
	15201	61.58%	15207	52.00%	15212	49.21%
	15204	61.73%	15210	52.84%	15212	49.84%
	15210	61.73%	15226	52.84%	15221	49.90%
	15210	62.17%	15210	52.84%	15227	50.00%
	15210	62.37%	15220	53.10%	15219	50.09%
	15210	62.55%	15212	53.66%	15205	50.67%
	15212	62.56%	15221	54.16%	15206	51.12%
	15234	62.75%	15232	54.77%	15208	52.29%
	15214	62.75%	15214	55.08%	15205	52.49%
	15216	62.75%	15212	55.36%	15207	52.75%
	15204	62.80%	15212	55.36%	15219	52.84%
	15210	63.23%	15205	55.60%	15207	52.84%

	15213	64.00%	15216	55.73%	15216	52.84%
	15209	64.00%	15205	55.77%	15219	52.98%
	15205	64.00%	15216	55.77%	15211	53.23%
	15208	64.27%	15210	55.77%	15207	53.85%
	15208	64.44%	15214	55.77%	15208	55.18%
	15212	65.16%	15207	55.77%	15207	55.24%
	15209	65.78%	15226	56.00%	15214	55.36%
	15212	65.84%	15216	56.36%	15210	55.68%
	15205	65.84%	15216	56.36%	15210	55.77%
	15206	65.84%	15208	56.92%	15205	55.77%
	15212	65.84%	15209	57.32%	15212	55.77%
	15210	65.84%	15212	57.61%	15214	55.78%
	15212	66.23%	15220	57.69%	15210	55.78%
	15214	66.75%	15206	57.69%	15217	56.36%
	15220	66.91%	15214	57.69%	15210	56.45%
	15120	66.94%	15207	57.81%	15205	56.70%
	15210	66.94%	15226	57.81%	15206	56.89%
	15217	67.33%	15212	57.92%	15211	56.90%
	15206	67.39%	15211	57.92%	15213	56.92%
	15204	67.43%	15207	58.37%	15206	57.20%
	15219	67.49%	15206	58.84%	15207	57.31%
	15205	67.58%	15214	59.76%	15212	57.35%
	15205	67.58%	15210	60.06%	15212	57.37%
	15201	67.58%	15206	60.85%	15207	57.42%
	15212	67.99%	15206	60.85%	15216	57.69%
	15227	68.00%	15201	60.85%	15214	57.77%
	15210	68.00%	15206	60.85%	15206	57.95%
	15211	68.07%	15212	60.85%	15219	58.00%
	15219	68.15%	15219	61.47%	15216	58.09%
	15210	68.30%	15211	61.54%	15206	58.30%
	15207	68.30%	15206	61.59%	15203	58.30%
	15221	68.81%	15219	61.73%	15201	58.30%
	15219	68.93%	15224	62.15%	15221	58.65%
	15206	69.22%	15212	62.33%	15214	58.71%
	15210	69.27%	15210	62.56%	15226	58.71%
	15226	69.47%	15204	62.69%	15206	58.71%
	15210	69.52%	15212	62.72%	15207	58.71%
	15224	69.75%	15212	62.90%	15203	58.71%
	15206	69.79%	15224	63.11%	15210	59.05%
	15210	70.84%	15201	63.19%	15214	59.76%
	15208	71.03%	15210	63.37%	15217	59.84%
	15224	71.20%	15214	63.72%	15216	59.84%
	15213	71.93%	15212	63.75%	15214	59.95%
	15219	72.02%	15217	63.75%	15206	60.42%

	15206	72.02%	15207	63.75%	15206	60.88%
	15208	72.02%	15219	63.75%	15206	61.35%
	15210	72.18%	15210	64.58%	15205	61.54%
	15213	72.26%	15226	64.63%	15220	61.64%
	15205	72.41%	15224	64.69%	15211	61.64%
	15212	72.41%	15207	65.07%	15206	61.75%
	15210	72.41%	15201	65.07%	15212	62.11%
	15216	73.02%	15217	65.10%	15224	62.33%
	15217	73.02%	15217	65.19%	15212	62.81%
	15219	73.02%	15212	65.38%	15221	63.17%
	15210	73.02%	15210	65.61%	15220	63.34%
	15204	73.02%	15210	65.74%	15206	63.41%
	15211	73.02%	15208	65.76%	15212	63.75%
	15208	73.08%	15217	65.84%	15207	63.75%
	15210	73.25%	15216	65.84%	15210	63.75%
	15204	74.07%	15227	65.91%	15206	63.75%
	15206	74.07%	15207	65.91%	15224	63.75%
	15210	74.07%	15206	66.06%	15211	63.75%
	15214	74.07%	15213	67.00%	15214	63.75%
	15219	74.07%	15207	67.67%	15210	63.75%
	15214	74.07%	15208	67.73%	15214	64.08%
	15210	74.07%	15208	67.73%	15212	64.58%
	15210	74.07%	15206	67.97%	15210	64.58%
	15234	74.07%	15210	68.00%	15216	64.58%
	15212	74.32%	15214	68.04%	15207	64.58%
	15207	74.34%	15206	68.29%	15212	64.64%
	15217	74.48%	15206	68.30%	15207	65.38%
	15219	74.57%	15226	68.52%	15210	65.61%
	15206	74.81%	15235	68.53%	15212	65.61%
	15210	74.82%	15201	68.63%	15210	65.61%
	15206	74.90%	15220	69.14%	15214	65.61%
	15207	75.14%	15226	69.23%	15214	65.61%
	15214	75.23%	15226	69.23%	15201	65.61%
	15208	75.23%	15208	69.47%	15219	65.74%
	15220	75.23%	15219	69.60%	15212	65.75%
	15210	75.23%	15207	69.63%	15212	66.11%
	15212	75.23%	15207	69.71%	15226	66.45%
	15201	75.23%	15226	69.71%	15210	66.69%
	15210	75.23%	15214	69.71%	15204	66.77%
	15120	75.39%	15220	69.71%	15219	67.01%
	15214	75.39%	15201	69.96%	15213	67.26%
	15203	75.47%	15220	69.96%	15204	67.28%
	15210	75.56%	15212	70.24%	15212	67.71%
	15207	75.64%	15235	70.45%	15201	67.73%

	15217	75.64%	15214	70.45%	15211	67.73%
	15219	75.72%	15212	70.45%	15226	67.81%
	15214	75.76%	15208	70.45%	15204	68.21%
	15227	75.94%	15208	70.46%	15212	68.35%
	15205	75.95%	15210	70.67%	15207	68.64%
	15210	76.00%	15224	70.70%	15204	69.23%
	15219	76.00%	15235	70.92%	15211	69.23%
	15214	76.00%	15208	71.34%	15210	69.71%
	15208	76.00%	15210	71.44%	15204	69.71%
	15210	76.13%	15213	71.50%	15219	70.12%
	15212	76.20%	15226	71.69%	15216	70.45%
	15210	76.43%	15210	71.71%	15208	70.45%
	15233	76.46%	15210	71.71%	15212	70.77%
	15226	76.67%	15210	71.71%	15210	70.92%
	15233	76.87%	15208	71.71%	15207	71.47%
	15211	76.87%	15212	72.02%	15210	71.50%
	15217	76.94%	15206	72.17%	15221	71.71%
	15205	77.04%	15214	72.17%	15216	71.71%
	15212	77.04%	15208	72.17%	15206	71.71%
	15220	77.23%	15212	72.75%	15226	71.71%
	15213	77.23%	15224	72.83%	15206	71.71%
	15209	77.40%	15210	72.86%	15205	71.71%
	15212	77.40%	15217	72.97%	15219	71.71%
	15212	77.40%	15214	73.02%	15208	71.71%
	15212	77.56%	15204	73.02%	15208	71.71%
	15209	77.59%	15210	73.02%	15201	71.71%
	15208	77.61%	15210	73.08%	15214	71.71%
	15210	77.61%	15210	73.25%	15216	71.95%
	15210	77.70%	15207	73.25%	15207	72.35%
	15210	77.83%	15206	73.31%	15216	73.47%
	15234	77.94%	15216	73.71%	15201	73.80%
	15209	78.02%	15201	73.80%	15206	73.86%
	15207	78.19%	15212	74.07%	15226	74.21%
	15208	78.27%	15212	74.07%	15214	74.34%
	15212	78.27%	15208	74.09%	15220	74.36%
	15203	78.44%	15208	74.15%	15220	74.58%
	15208	78.50%	15212	74.26%	15210	74.90%
	15212	78.66%	15204	74.31%	15206	74.90%
	15211	78.68%	15210	74.36%	15212	74.90%
	15224	78.68%	15226	74.42%	15201	74.97%
	15210	78.68%	15212	74.48%	15212	75.14%
	15207	78.85%	15210	74.85%	15201	75.14%
	15212	78.97%	15209	74.98%	15217	75.14%
	15210	79.09%	15206	74.98%	15217	75.14%

	15204	79.11%	15210	75.13%	15201	75.14%
	15210	79.11%	15207	75.14%	15212	75.14%
	15204	79.26%	15217	75.14%	15212	75.14%
	15217	79.26%	15219	75.14%	15206	75.30%
	15220	79.69%	15204	75.14%	15220	75.31%
	15217	79.84%	15210	75.14%	15201	75.45%
	15220	80.00%	15206	75.14%	15208	75.52%
	15201	80.00%	15212	75.14%	15207	75.62%
	15210	80.00%	15201	75.14%	15204	75.70%
	15210	80.00%	15224	75.14%	15212	75.70%
	15210	80.00%	15210	75.14%	15207	75.70%
	15211	80.75%	15210	75.23%	15233	75.70%
	15207	80.99%	15203	75.70%	15220	75.70%
	15219	81.23%	15208	75.70%	15210	75.70%
	15205	81.40%	15210	75.72%	15219	75.86%
	15212	81.40%	15207	75.73%	15208	75.94%
	15224	81.89%	15210	76.02%	15204	76.17%
	15210	82.30%	15216	76.13%	15201	76.18%
	15210	82.30%	15208	76.13%	15206	76.32%
	15210	82.30%	15203	76.32%	15208	76.32%
	15208	82.30%	15214	76.32%	15214	76.32%
	15220	82.30%	15214	76.32%	15216	76.39%
	15208	82.30%	15206	76.33%	15204	76.49%
	15212	82.30%	15206	76.49%	15207	76.53%
	15106	82.72%	15212	76.67%	15212	76.57%
	15210	82.82%	15210	76.73%	15226	76.73%
	15219	83.31%	15201	76.73%	15216	76.73%
	15220	83.42%	15204	76.73%	15206	76.73%
	15210	83.42%	15214	76.73%	15206	76.73%
	15210	83.60%	15210	76.81%	15226	76.73%
	15210	83.64%	15227	76.87%	15219	76.89%
	15208	83.79%	15212	76.92%	15214	76.89%
	15207	83.98%	15214	76.92%	15219	76.89%
	15209	83.98%	15207	77.16%	15208	76.90%
	15207	84.03%	15212	77.23%	15207	76.92%
	15206	84.34%	15214	77.60%	15210	76.92%
	15209	84.53%	15206	77.61%	15227	76.92%
	15210	84.54%	15206	77.61%	15226	76.92%
	15204	84.65%	15212	77.61%	15214	76.92%
	15210	84.77%	15210	77.69%	15211	76.92%
	15220	84.77%	15214	77.69%	15210	77.09%
	15221	85.02%	15208	77.94%	15221	77.26%
	15219	85.19%	15201	78.09%	15212	77.29%
	15206	85.19%	15212	78.11%	15206	77.37%

	15206	85.19%	15227	78.11%	15207	77.45%
	15206	85.19%	15210	78.11%	15210	77.69%
	15210	85.19%	15221	78.19%	15210	77.70%
	15204	85.19%	15212	78.34%	15214	77.86%
	15213	85.19%	15211	78.49%	15212	78.09%
	15212	85.19%	15224	78.49%	15211	78.09%
	15207	85.19%	15212	78.49%	15210	78.46%
	15208	85.68%	15214	78.50%	15203	78.46%
	15207	86.04%	15212	78.57%	15209	78.49%
	15207	86.04%	15210	78.88%	15206	78.49%
	15210	86.42%	15206	79.11%	15213	78.49%
	15216	86.42%	15212	79.11%	15210	78.49%
	15203	86.42%	15208	79.17%	15208	78.49%
	15207	86.71%	15212	79.26%	15201	78.55%
	15233	86.75%	15210	79.28%	15216	78.61%
	15210	86.89%	15226	79.42%	15209	78.73%
	15206	86.89%	15219	79.68%	15210	78.73%
	15234	86.89%	15207	79.68%	15224	78.73%
	15226	86.89%	15219	79.68%	15212	78.73%
	15201	86.89%	15201	79.68%	15211	78.73%
	15212	87.00%	15205	79.68%	15204	78.80%
	15203	87.08%	15226	79.84%	15213	78.88%
	15219	87.57%	15210	79.92%	15212	79.01%
	15214	87.89%	15226	80.00%	15213	79.67%
	15233	88.00%	15210	80.00%	15210	79.68%
	15208	88.00%	15224	80.16%	15211	79.68%
	15201	88.23%	15221	80.42%	15214	79.68%
	15203	88.36%	15212	80.56%	15201	79.68%
	15219	88.64%	15203	80.66%	15204	79.68%
	15210	89.39%	15209	80.72%	15213	79.68%
	15206	89.71%	15214	80.87%	15219	79.68%
	15204	90.45%	15217	81.07%	15205	79.68%
	15220	90.53%	15224	81.20%	15220	79.84%
	15210	90.53%	15207	81.23%	15221	79.86%
	15216	90.53%	15212	81.89%	15210	79.92%
	15210	90.53%	15224	81.96%	15211	80.00%
	15226	90.53%	15205	82.01%	15224	80.16%
	15214	90.53%	15216	82.01%	15212	80.84%
	15206	90.53%	15214	82.01%	15210	81.12%
	15214	90.53%	15224	82.06%	15207	81.27%
	15219	90.62%	15210	82.19%	15211	82.01%
	15233	91.28%	15211	82.30%	15201	82.01%
	15210	91.28%	15201	82.30%	15213	82.15%
	15217	91.28%	15217	82.30%	15216	82.16%

	15219	91.28%	15219	82.30%	15217	82.19%
	15210	91.28%	15214	82.30%	15212	82.19%
	15224	91.28%	15207	82.30%	15212	82.19%
	15220	91.44%	15212	82.30%	15206	82.19%
	15210	91.73%	15224	82.30%	15219	82.19%
	15213	91.85%	15212	82.63%	15201	82.71%
	15216	92.00%	15207	82.88%	15217	82.71%
	15204	92.10%	15212	83.19%	15207	83.66%
	15210	92.67%	15220	83.35%	15211	83.66%
	15219	92.84%	15201	83.66%	15211	83.75%
	15214	92.87%	15210	83.66%	15211	83.75%
	15204	93.00%	15203	83.70%	15207	83.82%
	15210	93.25%	15207	84.61%	15214	83.95%
	15212	93.42%	15216	84.62%	15207	84.01%
	15206	93.99%	15201	84.95%	15219	84.14%
	15206	94.02%	15216	85.19%	15205	84.19%
	15207	94.40%	15210	85.19%	15201	84.38%
	15211	94.42%	15207	85.19%	15234	84.54%
	15219	94.57%	15212	85.19%	15227	84.54%
	15220	94.57%	15219	85.37%	15210	84.62%
	15214	94.85%	15226	85.73%	15208	84.62%
	15207	94.87%	15220	85.74%	15210	84.95%
	15210	95.06%	15206	85.76%	15204	84.96%
	15210	95.14%	15217	85.80%	15219	85.01%
	15203	95.23%	15214	85.80%	15211	85.07%
	15207	95.47%	15207	85.84%	15226	85.29%
	15207	95.62%	15208	86.14%	15203	85.29%
	15204	95.90%	15217	86.18%	15210	85.66%
	15207	96.00%	15207	86.26%	15206	85.77%
	15210	96.00%	15217	86.42%	15210	85.80%
	15214	96.00%	15210	86.42%	15220	86.18%
	15219	96.00%	15210	86.42%	15207	86.30%
	15226	96.33%	15212	86.44%	15212	86.44%
	15221	96.38%	15220	86.89%	15208	86.51%
	15206	96.40%	15210	87.00%	15210	86.54%
	15219	96.54%	15206	87.00%	15233	87.23%
	15224	96.54%	15216	87.65%	15210	87.36%
	15210	96.54%	15212	87.65%	15233	87.65%
	15204	96.54%	15207	87.65%	15210	87.65%
	15214	96.54%	15219	87.65%	15212	87.65%
	15216	96.54%	15201	87.65%	15217	87.65%
	15212	96.54%	15208	87.65%	15214	87.65%
	15226	96.82%	15203	87.65%	15201	87.65%
	15234	97.12%	15204	87.71%	15207	87.65%

	15221	97.36%	15210	87.80%	15204	87.65%
	15214	97.36%	15204	87.81%	15207	88.06%
	15212	97.36%	15207	87.90%	15201	88.06%
	15211	97.36%	15211	87.97%	15233	88.06%
	15235	97.36%	15207	88.06%	15206	88.06%
	15203	97.37%	15210	88.06%	15224	88.06%
	15221	98.31%	15204	88.06%	15213	88.06%
	15206	98.35%	15220	88.06%	15217	88.06%
	15206	98.77%	15206	88.06%	15207	88.13%
	15210	98.77%	15210	88.06%	15201	88.26%
	15219	98.77%	15206	88.07%	15224	88.30%
	15226	98.77%	15204	88.24%	15212	88.30%
	15203	98.77%	15212	88.30%	15201	88.30%
	15206	98.77%	15226	88.65%	15210	88.46%
	15210	98.77%	15201	89.24%	15207	88.49%
	15201	98.77%	15210	89.30%	15207	88.58%
	15220	98.77%	15234	89.56%	15214	88.72%
	15227	99.00%	15210	89.92%	15204	88.76%
	15214	99.01%	15206	90.37%	15220	88.88%
	15212	99.34%	15214	90.45%	15213	89.40%
	15214	99.43%	15201	90.53%	15214	89.47%
	15201	99.45%	15210	90.70%	15211	89.48%
	15224	99.75%	15214	90.70%	15210	89.56%
	15226	100.00%	15207	90.84%	15210	90.35%
	15226	100.00%	15207	90.84%	15213	90.41%
	15206	100.00%	15206	90.95%	15204	91.00%
	15208	100.00%	15210	90.99%	15207	91.85%
	15220	100.00%	15211	91.16%	15208	91.85%
	15211	100.91%	15206	91.28%	15212	91.85%
	15206	101.07%	15206	91.28%	15210	91.85%
	15205	101.15%	15205	91.31%	15206	92.31%
	15212	101.23%	15206	92.18%	15221	92.37%
	15207	101.37%	15221	92.31%	15210	92.51%
	15226	101.42%	15212	92.83%	15224	92.52%
	15210	101.73%	15217	92.95%	15210	92.59%
	15212	102.06%	15207	92.95%	15216	92.81%
	15219	102.14%	15226	92.95%	15210	92.95%
	15203	102.41%	15208	92.95%	15201	92.95%
	15227	102.45%	15227	93.15%	15204	92.95%
	15212	102.45%	15212	93.44%	15233	92.95%
	15206	102.45%	15206	93.93%	15205	92.95%
	15226	102.45%	15216	93.94%	15201	92.95%
	15214	102.45%	15217	93.94%	15201	92.95%
	15227	102.45%	15206	93.96%	15212	92.95%

	15226	103.45%	15212	93.99%	15206	92.95%
	15208	103.48%	15210	94.46%	15206	92.95%
	15207	104.00%	15212	94.57%	15232	93.47%
	15214	104.00%	15233	94.58%	15207	93.93%
	15226	104.35%	15214	94.65%	15206	93.93%
	15211	104.36%	15212	94.82%	15212	93.93%
	15217	104.69%	15208	94.90%	15214	93.93%
	15204	104.86%	15220	95.14%	15210	93.93%
	15213	105.44%	15210	95.58%	15212	93.93%
	15201	105.68%	15207	95.62%	15210	94.02%
	15226	106.19%	15221	95.62%	15213	94.21%
	15208	107.00%	15206	95.62%	15208	94.26%
	15208	107.00%	15220	95.62%	15212	94.26%
	15212	107.00%	15203	95.62%	15220	94.46%
	15221	107.00%	15207	95.62%	15207	95.18%
	15201	107.00%	15219	95.62%	15210	95.38%
	15207	107.00%	15220	95.62%	15216	95.62%
	15220	107.00%	15212	95.66%	15210	95.62%
	15214	107.00%	15212	95.97%	15204	95.62%
	15221	107.00%	15214	96.00%	15212	95.62%
	15206	107.00%	15234	96.00%	15221	95.62%
	15217	107.00%	15212	96.15%	15210	95.62%
	15232	107.64%	15210	96.15%	15210	95.62%
	15210	107.98%	15206	96.25%	15210	95.62%
	15226	108.13%	15224	96.51%	15210	95.62%
	15203	108.31%	15211	96.54%	15208	95.62%
	15210	108.48%	15201	96.54%	15201	95.62%
	15209	108.48%	15207	96.60%	15210	95.62%
	15224	108.62%	15213	96.79%	15226	95.62%
	15203	108.72%	15212	96.97%	15212	95.62%
	15210	108.72%	15212	96.97%	15227	95.62%
	15217	108.72%	15214	97.15%	15207	95.62%
	15210	108.97%	15201	97.28%	15211	95.62%
	15210	109.28%	15227	97.36%	15208	95.69%
	15212	109.28%	15211	97.36%	15212	95.86%
	15210	109.28%	15210	97.78%	15212	96.15%
	15220	109.28%	15204	97.84%	15221	96.15%
	15207	109.28%	15214	98.04%	15212	96.15%
	15213	109.30%	15234	98.41%	15217	96.28%
	15226	109.53%	15210	98.46%	15217	97.53%
	15212	109.53%	15210	98.65%	15208	97.60%
	15217	109.53%	15206	98.77%	15226	97.60%
	15214	109.53%	15216	98.77%	15208	97.60%
	15212	109.53%	15201	98.77%	15204	97.81%

	15226	109.53%	15232	98.77%	15212	98.02%
	15212	109.53%	15224	98.85%	15220	98.41%
	15220	109.53%	15212	98.85%	15212	98.41%
	15206	110.21%	15208	99.01%	15210	98.41%
	15206	110.23%	15208	99.35%	15206	98.41%
	15221	110.29%	15204	99.36%	15207	98.41%
	15214	110.70%	15220	99.46%	15206	98.41%
	15235	110.78%	15217	99.60%	15204	98.49%
	15220	111.02%	15214	99.80%	15210	98.49%
	15212	111.02%	15210	99.80%	15203	98.80%
	15214	111.02%	15221	99.92%	15207	99.23%
	15207	111.09%	15206	100.00%	15207	99.80%
	15210	111.11%	15212	100.00%	15219	99.80%
	15212	112.00%	15208	100.00%	15224	99.80%
	15212	112.00%	15210	100.41%	15226	100.00%
	15212	112.00%	15207	100.87%	15214	100.00%
	15219	112.02%	15212	100.92%	15224	100.00%
	15214	112.23%	15209	101.07%	15210	100.00%
	15206	112.69%	15226	101.29%	15203	100.00%
	15206	112.95%	15227	101.48%	15211	100.00%
	15207	113.17%	15206	101.48%	15210	100.10%
	15204	113.60%	15220	101.68%	15219	100.33%
	15235	113.83%	15207	101.81%	15217	100.58%
	15211	113.91%	15226	101.98%	15212	100.96%
	15206	114.40%	15208	102.06%	15205	101.04%
	15216	114.77%	15204	102.45%	15206	101.04%
	15221	114.81%	15210	102.45%	15210	101.37%
	15226	115.23%	15226	102.47%	15206	101.43%
	15214	115.23%	15224	102.88%	15226	101.86%
	15212	115.23%	15221	102.88%	15207	101.91%
	15220	115.23%	15207	102.88%	15207	102.11%
	15207	115.23%	15226	102.90%	15210	102.25%
	15224	115.23%	15203	102.91%	15227	102.25%
	15207	115.23%	15217	102.95%	15221	102.27%
	15224	115.31%	15226	103.08%	15207	102.34%
	15210	115.62%	15208	103.29%	15234	103.55%
	15212	115.62%	15226	103.45%	15206	103.59%
	15206	115.62%	15212	103.45%	15212	103.59%
	15203	115.62%	15221	103.54%	15224	103.59%
	15212	115.80%	15212	103.59%	15208	103.59%
	15207	115.85%	15219	103.59%	15224	103.59%
	15210	115.85%	15207	103.59%	15207	103.59%
	15208	115.85%	15233	103.59%	15214	103.59%
	15206	115.85%	15234	103.60%	15216	103.59%

	15233	116.00%	15214	103.83%	15208	103.85%
	15207	116.05%	15210	103.85%	15224	103.86%
	15212	116.11%	15204	104.00%	15212	104.22%
	15204	116.11%	15214	104.03%	15226	104.50%
	15224	116.17%	15217	104.11%	15212	104.58%
	15210	116.33%	15214	104.15%	15210	104.62%
	15208	116.80%	15210	104.20%	15206	104.98%
	15210	116.87%	15226	104.22%	15212	105.10%
	15218	117.28%	15212	104.54%	15210	105.68%
	15206	117.94%	15204	104.62%	15220	105.68%
	15219	117.99%	15220	104.78%	15224	105.68%
	15205	118.11%	15212	104.86%	15210	105.68%
	15224	118.19%	15201	105.09%	15210	105.68%
	15206	118.76%	15235	105.19%	15210	105.73%
	15217	119.17%	15210	105.27%	15206	105.74%
	15213	119.27%	15212	105.40%	15204	105.87%
	15210	119.42%	15208	105.42%	15220	106.06%
	15212	119.52%	15212	105.60%	15210	106.22%
	15216	119.52%	15201	105.68%	15207	106.43%
	15227	119.75%	15212	105.68%	15120	106.73%
	15227	119.75%	15204	106.06%	15205	106.89%
	15207	119.95%	15214	106.19%	15234	106.89%
	15219	120.00%	15214	106.19%	15220	106.89%
	15227	120.00%	15220	106.67%	15220	106.89%
	15214	120.00%	15204	106.77%	15206	106.89%
	15212	120.00%	15203	106.89%	15204	106.93%
	15210	120.00%	15212	106.89%	15204	107.25%
	15212	120.68%	15207	106.96%	15224	107.33%
	15205	120.82%	15219	107.00%	15226	107.41%
	15212	121.40%	15212	107.00%	15226	107.57%
	15201	121.52%	15216	107.00%	15212	107.57%
	15224	121.70%	15212	107.41%	15210	107.69%
	15219	121.70%	15206	107.41%	15206	107.79%
	15224	121.70%	15201	107.57%	15219	107.97%
	15211	121.70%	15204	107.69%	15212	108.03%
	15224	121.70%	15207	107.82%	15224	108.33%
	15211	121.70%	15216	107.89%	15208	108.45%
	15227	121.70%	15210	107.89%	15204	108.61%
	15207	121.70%	15201	107.96%	15204	108.92%
	15210	121.70%	15207	107.98%	15207	109.80%
	15210	121.70%	15201	108.13%	15216	110.10%
	15210	121.70%	15201	108.23%	15208	110.12%
	15227	121.70%	15219	108.29%	15210	110.22%
	15212	121.89%	15220	108.38%	15205	110.33%

	15207	121.98%	15120	108.67%	15217	110.49%
	15211	122.14%	15227	109.05%	15210	110.60%
	15214	122.72%	15206	109.05%	15221	110.68%
	15217	122.96%	15217	109.16%	15211	110.72%
	15226	122.96%	15212	109.22%	15206	111.54%
	15221	123.46%	15204	109.28%	15210	111.54%
	15221	123.46%	15212	109.34%	15212	111.54%
	15208	123.46%	15224	109.47%	15212	111.54%
	15203	123.46%	15219	109.53%	15214	111.54%
	15226	123.46%	15227	109.53%	15221	111.54%
	15201	123.46%	15203	109.56%	15203	111.54%
	15206	123.46%	15207	109.56%	15207	111.55%
	15214	123.46%	15207	109.64%	15219	111.55%
	15219	123.46%	15212	109.78%	15216	111.55%
	15207	123.46%	15207	109.80%	15219	111.55%
	15224	123.46%	15210	110.00%	15212	111.55%
	15208	124.14%	15224	110.28%	15208	111.55%
	15210	124.50%	15212	110.29%	15213	111.55%
	15217	124.64%	15214	110.47%	15210	111.55%
	15216	124.80%	15224	110.70%	15221	111.55%
	15216	125.42%	15206	110.95%	15206	111.55%
	15216	125.50%	15210	111.54%	15211	111.55%
	15214	125.84%	15210	111.54%	15208	111.55%
	15210	125.84%	15207	111.55%	15204	111.86%
	15217	126.01%	15220	111.55%	15226	111.90%
	15206	126.35%	15210	111.55%	15226	113.01%
	15212	126.67%	15214	111.55%	15203	113.13%
	15224	127.16%	15201	111.55%	15210	113.32%
	15224	127.41%	15210	111.55%	15206	114.39%
	15209	127.57%	15206	111.55%	15106	114.45%
	15219	127.57%	15220	111.79%	15208	114.72%
	15207	127.77%	15210	111.83%	15207	114.81%
	15227	127.79%	15206	111.87%	15210	114.82%
	15227	127.79%	15217	111.95%	15220	115.01%
	15204	127.79%	15205	112.59%	15214	115.14%
	15211	127.79%	15106	112.83%	15216	115.30%
	15204	127.79%	15207	112.92%	15224	115.38%
	15205	127.82%	15203	113.31%	15220	115.38%
	15206	128.00%	15206	113.37%	15201	115.38%
	15212	128.00%	15212	113.50%	15210	115.38%
	15204	128.00%	15220	113.81%	15201	115.38%
	15212	128.00%	15210	114.39%	15216	115.38%
	15214	129.04%	15212	114.39%	15220	115.38%
	15210	129.05%	15201	114.49%	15206	115.38%

	15206	129.17%	15204	114.50%	15210	115.54%
	15207	129.77%	15201	114.74%	15210	115.54%
	15210	129.94%	15210	114.77%	15210	115.66%
	15212	130.35%	15210	114.90%	15210	115.66%
	15210	131.60%	15213	115.22%	15221	115.86%
	15226	131.67%	15224	115.23%	15217	116.19%
	15201	131.69%	15212	115.23%	15226	116.19%
	15208	131.69%	15206	115.23%	15224	116.19%
	15206	131.69%	15224	115.23%	15204	116.19%
	15212	131.69%	15210	115.26%	15210	116.24%
	15211	131.69%	15212	115.30%	15206	116.25%
	15207	131.69%	15210	115.36%	15212	116.89%
	15211	131.74%	15208	115.38%	15226	116.97%
	15219	131.81%	15203	115.38%	15204	117.05%
	15204	132.02%	15213	115.38%	15219	117.05%
	15204	132.10%	15219	115.54%	15206	117.42%
	15214	132.23%	15208	115.62%	15206	117.42%
	15206	132.23%	15210	115.62%	15201	117.42%
	15224	132.84%	15224	115.62%	15212	117.42%
	15214	133.00%	15204	115.68%	15206	117.42%
	15206	133.51%	15204	115.85%	15234	117.42%
	15207	133.87%	15212	115.85%	15204	117.42%
	15226	133.87%	15209	115.94%	15220	117.42%
	15210	133.87%	15208	115.95%	15204	117.42%
	15212	133.87%	15226	116.05%	15210	117.42%
	15212	133.94%	15227	116.19%	15217	117.42%
	15212	133.99%	15209	116.19%	15204	117.42%
	15212	133.99%	15212	116.19%	15210	117.45%
	15220	134.40%	15203	116.19%	15211	117.53%
	15217	134.90%	15234	116.19%	15233	117.54%
	15205	134.98%	15214	116.33%	15206	117.65%
	15210	135.16%	15213	116.49%	15201	117.95%
	15216	135.40%	15221	116.73%	15212	118.10%
	15211	135.58%	15210	116.81%	15203	118.23%
	15204	135.88%	15216	116.84%	15212	118.30%
	15210	136.00%	15210	116.84%	15220	118.53%
	15209	136.11%	15207	116.92%	15207	118.80%
	15204	136.38%	15224	117.28%	15212	119.00%
	15220	136.60%	15210	117.42%	15207	119.52%
	15210	136.60%	15204	117.42%	15212	119.52%
	15221	136.95%	15206	117.42%	15226	119.52%
	15201	137.45%	15206	117.42%	15210	119.52%
	15226	137.52%	15210	117.42%	15201	119.52%
	15219	138.69%	15232	117.42%	15226	119.52%

	15226	138.71%	15208	117.42%	15203	119.52%
	15203	139.01%	15214	117.42%	15203	119.52%
	15210	139.56%	15211	117.42%	15217	119.75%
	15212	139.84%	15210	117.42%	15220	119.92%
	15211	139.92%	15210	117.42%	15224	120.00%
	15212	139.92%	15226	117.42%	15206	120.02%
	15206	139.92%	15210	117.42%	15220	120.11%
	15214	139.96%	15204	117.44%	15234	120.26%
	15210	139.96%	15206	117.75%	15210	120.88%
	15212	140.00%	15214	117.93%	15212	121.12%
	15210	140.00%	15203	117.94%	15204	121.27%
	15221	140.18%	15214	118.10%	15216	121.34%
	15209	141.18%	15211	118.25%	15219	123.02%
	15201	141.89%	15205	118.33%	15212	123.08%
	15221	141.99%	15201	118.38%	15206	123.27%
	15214	144.00%	15213	118.60%	15212	123.29%
	15201	144.03%	15226	118.66%	15210	123.29%
	15208	144.79%	15219	118.66%	15220	123.29%
	15206	144.81%	15206	118.98%	15213	123.29%
	15219	144.81%	15217	119.17%	15204	123.29%
	15210	144.81%	15204	119.18%	15212	123.29%
	15235	144.81%	15217	119.34%	15212	123.29%
	15217	144.81%	15226	119.51%	15212	123.29%
	15224	144.81%	15120	119.52%	15210	123.29%
	15210	144.81%	15214	119.52%	15211	123.29%
	15206	144.81%	15219	119.52%	15214	123.51%
	15204	144.81%	15213	119.52%	15214	123.51%
	15210	144.81%	15201	119.52%	15212	123.63%
	15210	144.81%	15213	119.52%	15221	123.76%
	15205	144.81%	15227	119.52%	15214	123.82%
	15205	144.81%	15216	119.94%	15226	123.90%
	15203	144.81%	15210	120.00%	15210	123.99%
	15214	145.10%	15219	120.00%	15224	124.30%
	15217	145.13%	15206	120.00%	15219	124.70%
	15201	145.19%	15235	120.00%	15212	124.99%
	15210	145.35%	15206	120.32%	15201	125.10%
	15217	145.68%	15212	120.65%	15212	125.18%
	15210	145.84%	15226	120.68%	15212	125.48%
	15210	145.86%	15210	120.68%	15206	125.48%
	15219	145.92%	15214	120.68%	15206	125.48%
	15204	146.04%	15214	120.68%	15207	125.90%
	15210	146.04%	15210	120.84%	15210	126.03%
	15208	146.04%	15210	120.84%	15224	126.37%
	15210	146.04%	15207	120.99%	15208	126.74%

	15226	146.04%	15201	121.43%	15219	126.92%
	15212	146.04%	15207	121.70%	15219	127.05%
	15207	146.04%	15208	121.70%	15214	127.24%
	15212	146.04%	15213	121.70%	15203	127.49%
	15219	146.04%	15219	121.83%	15206	127.49%
	15210	146.04%	15234	121.90%	15211	127.49%
	15203	146.04%	15207	122.30%	15207	127.73%
	15219	146.04%	15212	122.47%	15226	128.19%
	15217	146.06%	15206	122.76%	15220	128.19%
	15220	146.96%	15206	122.79%	15233	128.29%
	15206	147.33%	15206	122.82%	15234	128.53%
	15219	147.51%	15213	122.96%	15206	128.53%
	15201	147.67%	15210	123.02%	15212	129.00%
	15226	147.76%	15210	123.08%	15220	129.00%
	15206	147.90%	15217	123.29%	15214	129.16%
	15204	148.00%	15217	123.29%	15207	129.16%
	15226	148.00%	15214	123.41%	15212	129.16%
	15220	148.05%	15212	123.46%	15214	129.16%
	15210	148.11%	15204	123.46%	15207	129.16%
	15212	148.15%	15207	123.46%	15220	129.16%
	15210	148.15%	15227	123.46%	15206	129.24%
	15214	148.15%	15206	123.46%	15216	129.27%
	15207	148.15%	15206	123.46%	15217	129.40%
	15205	148.15%	15204	123.51%	15219	129.48%
	15211	148.15%	15212	123.90%	15220	129.48%
	15212	148.15%	15213	124.30%	15227	129.64%
	15234	148.15%	15233	124.75%	15214	129.80%
	15212	148.15%	15212	124.77%	15209	130.01%
	15233	148.15%	15210	124.78%	15211	130.04%
	15217	148.15%	15217	124.96%	15235	130.12%
	15212	148.15%	15210	125.10%	15216	130.13%
	15209	148.15%	15208	125.10%	15226	130.13%
	15212	148.96%	15201	125.10%	15205	130.13%
	15211	148.96%	15224	125.50%	15226	130.13%
	15210	148.96%	15212	125.54%	15220	130.36%
	15203	149.09%	15212	125.64%	15204	130.57%
	15205	149.63%	15205	125.66%	15210	130.70%
			15206	125.84%	15209	130.77%
			15217	125.90%	15212	131.22%
			15207	126.17%	15204	131.22%
			15212	126.22%	15226	131.22%
			15201	126.50%	15226	131.31%
			15216	126.53%	15206	131.47%
			15209	126.57%	15217	131.47%

		15211	126.75%	15212	131.47%
		15214	126.88%	15210	131.47%
		15219	127.33%	15210	131.47%
		15212	127.49%	15232	131.78%
		15207	127.49%	15213	131.79%
		15210	127.49%	15210	131.95%
		15207	127.49%	15210	132.39%
		15210	127.49%	15220	132.43%
		15226	127.49%	15227	132.46%
		15219	127.49%	15220	132.57%
		15212	127.49%	15212	132.67%
		15206	127.57%	15217	132.69%
		15210	127.73%	15212	132.83%
		15226	127.79%	15206	133.15%
		15206	127.79%	15208	133.31%
		15226	127.79%	15207	133.86%
		15212	127.81%	15220	134.62%
		15206	127.92%	15207	134.66%
		15210	128.37%	15210	134.78%
		15207	128.48%	15221	135.03%
		15201	128.56%	15208	135.03%
		15219	128.97%	15219	135.03%
		15204	129.16%	15219	135.46%
		15206	129.16%	15226	135.46%
		15214	129.38%	15210	135.46%
		15207	129.55%	15206	135.46%
		15206	129.71%	15221	135.46%
		15214	129.77%	15219	135.46%
		15214	129.80%	15214	135.46%
		15204	129.84%	15234	136.18%
		15210	129.96%	15219	136.50%
		15234	130.22%	15208	136.57%
		15214	130.77%	15234	136.57%
		15209	131.08%	15204	136.57%
		15226	131.11%	15219	136.81%
		15212	131.22%	15224	137.05%
		15218	131.24%	15204	137.14%
		15203	131.32%	15206	137.44%
		15212	131.47%	15212	138.22%
		15233	131.69%	15210	138.46%
		15207	131.69%	15203	138.46%
		15206	131.69%	15204	138.87%
		15205	131.69%	15233	139.36%
		15226	131.69%	15214	139.43%

		15211	131.95%	15206	139.43%
		15204	132.19%	15235	139.43%
		15233	132.35%	15214	139.43%
		15206	132.35%	15206	139.43%
		15210	132.43%	15212	139.43%
		15209	133.39%	15235	139.43%
		15224	133.42%	15207	139.44%
		15211	133.44%	15212	139.44%
		15208	133.87%	15206	139.55%
		15210	133.87%	15204	140.08%
		15221	133.87%	15221	140.43%
		15205	133.87%	15206	140.84%
		15224	133.91%	15210	140.90%
		15208	134.01%	15219	140.90%
		15212	134.49%	15210	140.90%
		15204	134.58%	15201	140.90%
		15206	134.62%	15212	141.00%
		15212	134.64%	15219	141.06%
		15204	134.81%	15224	141.12%
		15226	134.95%	15207	141.29%
		15206	135.03%	15106	141.67%
		15208	135.03%	15212	142.54%
		15206	135.03%	15201	142.71%
		15212	135.16%	15204	142.77%
		15226	135.16%	15120	142.99%
		15216	135.23%	15233	143.43%
		15207	135.23%	15209	143.43%
		15220	135.46%	15206	143.43%
		15235	135.46%	15203	143.43%
		15204	135.46%	15224	143.92%
		15210	135.75%	15226	144.07%
		15219	135.78%	15212	144.07%
		15217	135.80%	15214	144.23%
		15214	135.83%	15216	144.30%
		15235	135.94%	15224	145.02%
		15206	136.00%	15224	145.90%
		15211	136.02%	15201	146.11%
		15203	136.12%	15212	146.44%
		15214	136.15%	15212	146.77%
		15212	136.17%	15212	146.77%
		15226	136.60%	15201	146.77%
		15212	136.60%	15210	146.77%
		15214	136.73%	15232	146.77%
		15206	136.80%	15226	147.41%

		15207	136.92%	15207	147.69%
		15210	136.96%	15212	147.97%
		15210	137.38%	15206	147.97%
		15226	137.45%	15212	148.72%
		15226	138.93%	15211	148.72%
		15233	139.09%	15204	148.72%
		15207	139.14%	15206	148.88%
		15221	139.43%	15206	149.40%
		15206	139.43%	15206	149.52%
		15212	139.43%	15212	150.29%
		15201	139.67%	15210	150.84%
		15208	139.92%	15120	150.90%
		15210	139.96%	15221	151.13%
		15212	140.00%	15220	151.39%
		15210	140.02%	15212	151.39%
		15207	140.08%	15214	151.39%
		15214	140.76%	15224	151.63%
		15217	140.90%	15212	152.11%
		15210	141.06%	15206	153.23%
		15212	141.51%	15226	154.93%
		15216	142.09%	15212	155.34%
		15220	142.29%	15205	155.58%
		15207	142.31%	15205	155.86%
		15216	142.60%	15208	155.93%
		15204	142.76%	15208	156.46%
		15226	142.88%	15206	156.52%
		15224	142.96%	15219	157.71%
		15210	143.27%	15217	159.12%
		15206	143.43%	15210	159.36%
		15212	143.43%	15204	159.36%
		15212	143.43%	15211	159.36%
		15212	143.43%	15206	159.36%
		15206	143.43%	15224	159.36%
		15212	143.43%	15210	159.36%
		15220	143.43%	15211	159.36%
		15219	143.43%	15211	159.36%
		15201	143.43%	15217	159.36%
		15224	143.43%	15219	159.36%
		15213	143.43%	15211	159.36%
		15212	143.43%	15217	159.36%
		15210	143.43%	15224	159.36%
		15214	143.66%	15206	160.00%
		15207	143.67%	15216	160.80%
		15212	143.90%	15226	161.45%

		15216	143.98%	15210	161.98%
		15210	144.07%	15233	162.66%
		15212	144.63%	15219	162.66%
		15203	144.70%	15204	164.38%
		15226	144.81%	15227	164.38%
		15217	144.81%	15224	164.38%
		15217	144.81%	15212	164.38%
		15226	144.81%	15214	164.38%
		15212	144.81%	15211	165.84%
		15226	144.81%	15201	166.14%
		15207	144.81%	15226	166.27%
		15212	145.31%	15204	166.73%
		15224	145.43%	15219	166.99%
		15203	145.93%	15206	167.20%
		15217	145.96%	15201	167.31%
		15207	146.02%	15224	167.31%
		15210	146.04%	15206	167.33%
		15210	146.04%	15206	167.91%
		15220	146.04%	15204	168.45%
		15220	146.04%	15211	169.08%
		15210	146.04%	15204	169.23%
		15213	146.04%	15205	169.24%
		15219	146.17%	15213	169.88%
		15106	146.53%	15214	170.07%
		15212	146.61%	15210	170.59%
		15204	146.77%	15217	171.19%
		15206	146.77%	15218	171.59%
		15201	146.91%	15206	171.96%
		15210	147.62%	15226	173.08%
		15203	147.82%	15219	175.30%
		15212	147.98%	15210	175.30%
		15206	148.07%	15214	176.13%
		15208	148.15%	15206	176.13%
		15201	148.15%	15203	176.13%
		15201	148.15%	15204	176.13%
		15210	148.15%	15220	176.13%
		15206	148.15%	15218	176.13%
		15207	148.15%	15212	176.13%
		15219	148.15%	15210	176.13%
		15219	148.15%	15216	176.13%
		15212	148.15%	15206	176.13%
		15211	148.72%	15206	176.61%
		15226	149.14%	15210	176.61%
		15216	149.64%	15210	176.61%

		15209	149.64%	15207	179.60%
		15220	149.64%	15203	181.12%
		15220	149.71%	15226	181.12%
		15212	149.79%	15212	181.35%
		15201	149.79%	15217	181.62%
		15226	149.80%	15206	183.27%
		15207	150.00%	15203	183.27%
		15221	150.00%	15214	183.27%
		15214	150.00%	15203	183.27%
		15208	150.04%	15219	183.27%
		15207	150.10%	15210	183.27%
		15220	150.29%	15204	183.67%
		15220	151.00%	15210	184.62%
		15216	151.24%	15226	184.74%
		15201	151.39%	15216	185.87%
		15213	151.39%	15210	185.90%
		15204	151.64%	15224	185.90%
		15207	152.64%	15212	185.90%
		15210	152.64%	15224	185.90%
		15207	152.64%	15212	187.87%
		15210	152.73%	15211	187.87%
		15214	152.83%	15212	188.60%
		15210	153.12%	15205	189.88%
		15219	153.85%	15212	190.52%
		15216	153.85%	15233	191.24%
		15208	153.86%	15214	191.24%
		15216	154.18%	15212	191.24%
		15219	154.29%	15226	192.31%
		15212	154.58%	15206	192.43%
		15206	154.90%	15214	193.74%
		15206	155.46%	15204	194.62%
		15212	155.58%	15216	196.83%
		15210	155.77%	15201	197.55%
		15226	155.87%	15211	198.68%
		15206	156.33%	15210	199.20%
		15221	156.52%	15206	199.20%
		15212	157.21%	15217	199.20%
		15206	157.55%	15217	199.20%
		15206	157.97%	15207	199.20%
		15212	158.51%	15219	199.20%
		15219	158.51%	15211	199.20%
		15224	158.75%	15219	199.20%
		15219	159.36%	15227	199.20%
		15224	159.36%	15217	199.20%

		15219	159.36%	15224	199.20%
		15212	159.36%	15205	200.00%
		15207	159.36%		
		15205	159.36%		
		15216	159.36%		
		15212	159.36%		
		15203	159.36%		
		15206	159.36%		
		15226	159.36%		
		15207	159.36%		
		15210	159.36%		
		15201	159.92%		
		15201	159.92%		
		15212	160.25%		
		15219	160.72%		
		15233	160.86%		
		15201	160.88%		
		15212	160.96%		
		15203	162.66%		
		15216	162.66%		
		15212	162.66%		
		15214	162.66%		
		15213	164.02%		
		15201	164.38%		
		15206	164.38%		
		15205	164.80%		
		15220	165.91%		
		15219	166.14%		
		15217	166.75%		
		15205	166.91%		
		15206	167.31%		
		15212	167.33%		
		15226	169.00%		
		15201	169.32%		
		15210	169.72%		
		15219	170.25%		
		15234	170.68%		
		15212	171.19%		
		15220	171.59%		
		15217	171.59%		
		15206	171.59%		
		15210	172.66%		
		15227	173.08%		
		15201	173.18%		

		15212	173.82%	
		15212	174.26%	
		15218	175.30%	
		15201	175.30%	
		15206	175.30%	
		15207	176.06%	
		15219	176.13%	
		15212	176.13%	
		15226	176.13%	
		15212	176.13%	
		15214	176.13%	
		15219	176.13%	
		15216	176.13%	
		15204	176.13%	
		15224	176.13%	
		15210	176.13%	
		15219	176.13%	
		15207	176.24%	
		15224	176.61%	
		15207	176.61%	
		15207	176.81%	
		15210	177.15%	
		15204	177.23%	
		15207	178.00%	
		15214	178.47%	
		15206	178.49%	
		15217	178.53%	
		15211	179.44%	
		15206	179.71%	
		15214	180.43%	
		15226	180.76%	
		15210	180.77%	
		15210	180.77%	
		15233	181.88%	
		15217	181.99%	
		15206	182.00%	
		15212	182.00%	
		15210	182.09%	
		15201	183.43%	
		15212	184.62%	
		15212	185.34%	
		15204	185.89%	
		15204	185.90%	
		15221	185.90%	

		15210 185.90% 15212 185.90% 15212 185.90% 15206 186.99% 15214 187.87% 15206 187.87% 15219 187.87% 15207 188.74% 15205 188.78% 15213 189.13% 15207 189.25% 15206 189.76% 15234 190.55% 15204 191.24% 15204 191.24% 15207 192.17% 15210 192.31% 15201 192.31% 15201 193.74% 15201 193.74% 15201 193.74% 15210 194.07% 15217 195.20% 15209 196.81% 15201 196.83% 15234 197.55% 15214 199.20% 15205 199.61% 15210 199.61% 15220 199.61% 15214 199.96%	
Average usage	3,034 gallons	3,007 gallons	3,121 gallons
Average bill including ALCOSAN charges	$116.93	$115.97	$118.13
Number of PWSA customers receiving a PWSA hardship grant	120	192	324

Appendix E – Call Center Metrics and Customer Service Monthly Reports

Metric	April 2024	May 2024	June 2024
Abandoned Calls (% of total calls)	1.3%	1.1%	1.6%
Automatic Call Distributor (ACD) Handling Time (minutes)	5:16	5:06	4:58
Average Speed of Answer (minutes)	0:33	0:22	0:31
Customer Service Representative Staffing (FTE – Full Time Equivalents)	18 FTE's 1 PTE	18 FTE's 3 PTE's	19 FTE's 1 PTE
Customer Satisfaction (customer survey)	99.9%	99.9%	99.9%
Service Level %	91.7%	95.6%	92.0%

PUC Quarterly Collections Reporting - April 2024	Total
Number of accounts entering the Collections Life Cycle (60+ days past due)	9,613
Dollar amounts of accounts entering the Collections Life Cycle (60+ days past due)	$19,726,973.11
Number of accounts that are between 180 and 9999 days overdue	3,108
Dollar amounts of accounts that are between 180 and 9999 days overdue	$11,503,957.65
Number of accounts receiving 10-day and 37-day notices	5,777
Number of scheduled terminations canceled during personal contact	34
Number of Notices of Intent to Lien issued	191
Number of liens filed	114

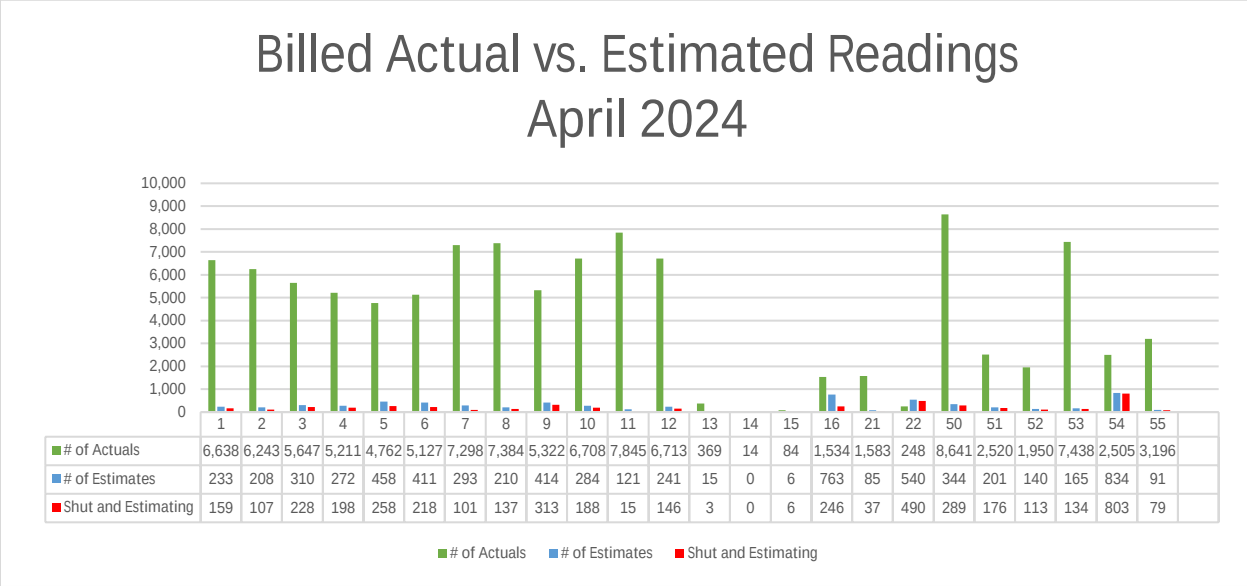
PUC Quarterly Collections Reporting - May 2024	Total
Number of accounts entering the Collections Life Cycle (60+ days past due)	9,826
Dollar amounts of accounts entering the Collections Life Cycle (60+ days past due)	$19,486,530.81
Number of accounts that are between 180 and 9999 days overdue	3,162
Dollar amounts of accounts that are between 180 and 9999 days overdue	$11,651,089.99
Number of accounts receiving 10-day and 37-day notices	2,809
Number of scheduled terminations canceled during personal contact	13
Number of Notices of Intent to Lien issued	234
Number of liens filed	100

PUC Quarterly Collections Reporting - June 2024	Total
Number of accounts entering the Collections Life Cycle (60+ days past due)	8,114
Dollar amounts of accounts entering the Collections Life Cycle (60+ days past due)	$16,742,694.75
Number of accounts that are between 180 and 9999 days overdue	2,657
Dollar amounts of accounts that are between 180 and 9999 days overdue	$9,223,002.33
Number of accounts receiving 10-day and 37-day notices	4,894
Number of scheduled terminations canceled during personal contact	9
Number of Notices of Intent to Lien issued	177
Number of liens filed	105

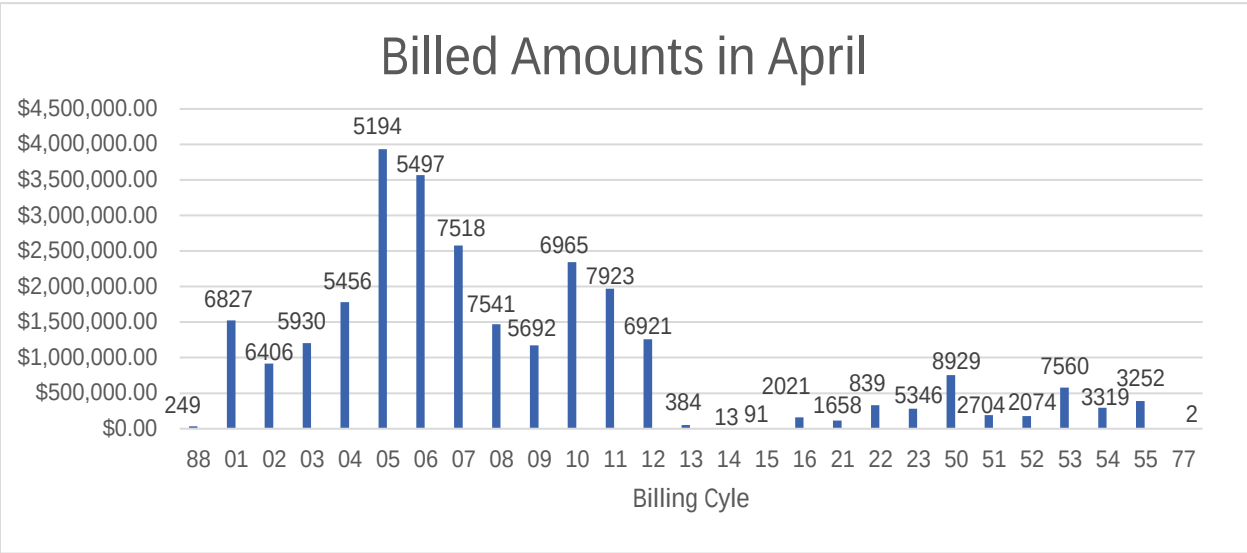
CUSTOMER SERVICE MONTHLY REPORT

AMI and BILLING – APRIL 2024

The Non-Access Campaign continues to address the 1,626 aged actual meter readings and the 4,187 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. PWSA successfully upgraded 988 meters in April 2024! Additionally, 670 outbound calls were launched, 2,423 letters were issued, 741 properties were posted, and 42 properties were shut for non-access. In April, PWSA achieved an actual meter reading rate of 97.79%. Billing also received and processed 357 final bill requests. Billing totals for the month of April 2024 were 116,311 bills produced in the amount of $26,308,698.79.



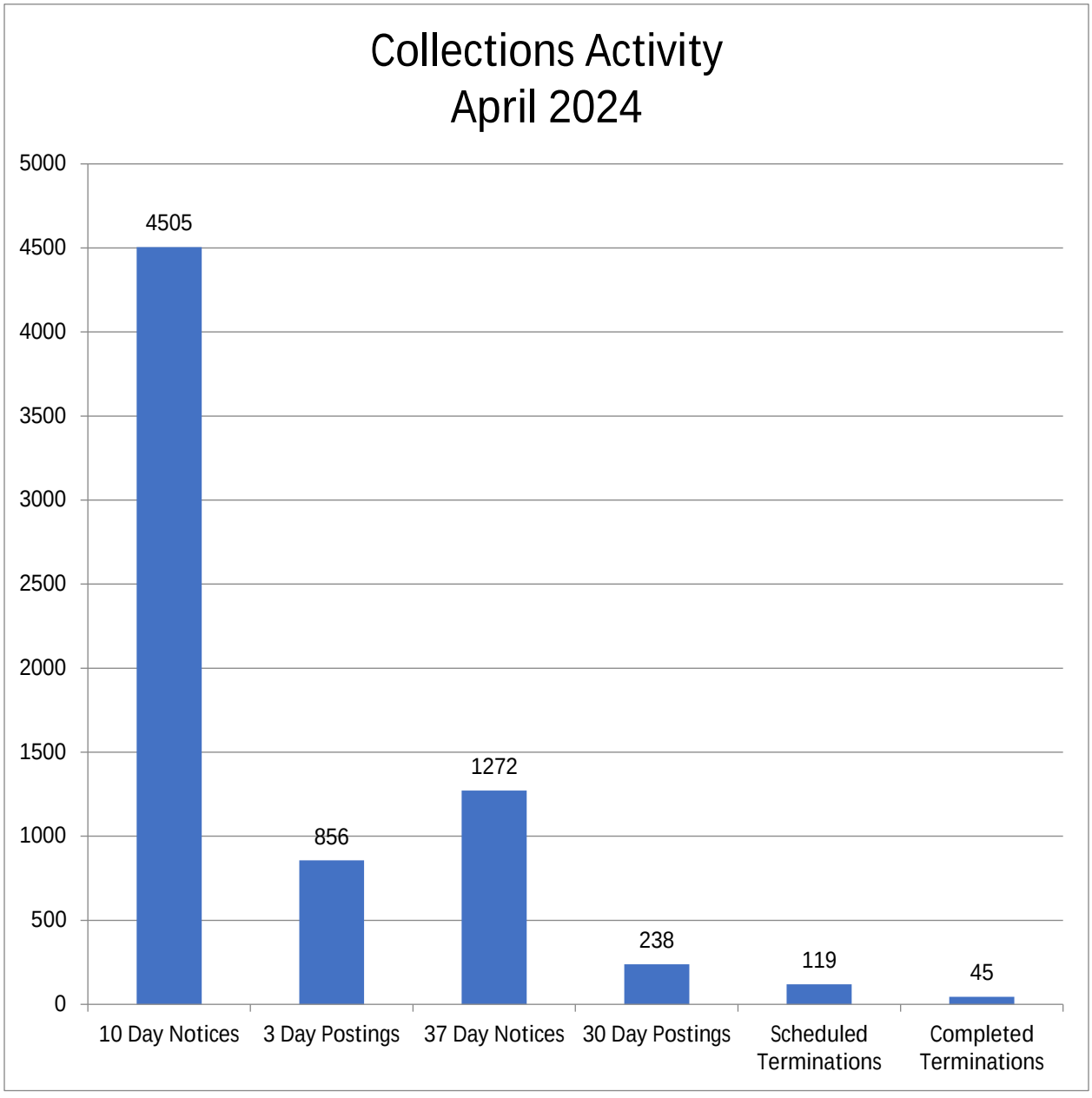
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	21	22	50	51	52	53	54	55
# of Actuals	6,638	6,243	5,647	5,211	4,762	5,127	7,298	7,384	5,322	6,708	7,845	6,713	369	14	84	1,534	1,583	248	8,641	2,520	1,950	7,438	2,505	3,196
# of Estimates	233	208	310	272	458	411	293	210	414	284	121	241	15	0	6	763	85	540	344	201	140	165	834	91
Shut and Estimating	159	107	228	198	258	218	101	137	313	188	15	146	3	0	6	246	37	490	289	176	113	134	803	79



CUSTOMER SERVICE MONTHLY REPORT

COLLECTIONS – APRIL 2024

In April 2024, the total Collections were $26,881,469, which was $2,410,518 *more* than what was billed in March 2024. Out of a total of 1,986 customer inquiries to info@pgh2o.com, Collections personnel responded to 1,986 all within 48 hours. Payment plans for the month of April 2024 totaled 7,760 and there were 7,453 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 – APRIL 2024

There were 22 business days in the month of April 2024. In the month of April, the Contact Center's attendance rate changed to 18 full time employees and 1 part time employee. Of the 13,930 calls handled in the month of April 2024, the Contact Center yielded an abandonment rate of 1.3% with an average speed of answer of 33 seconds.

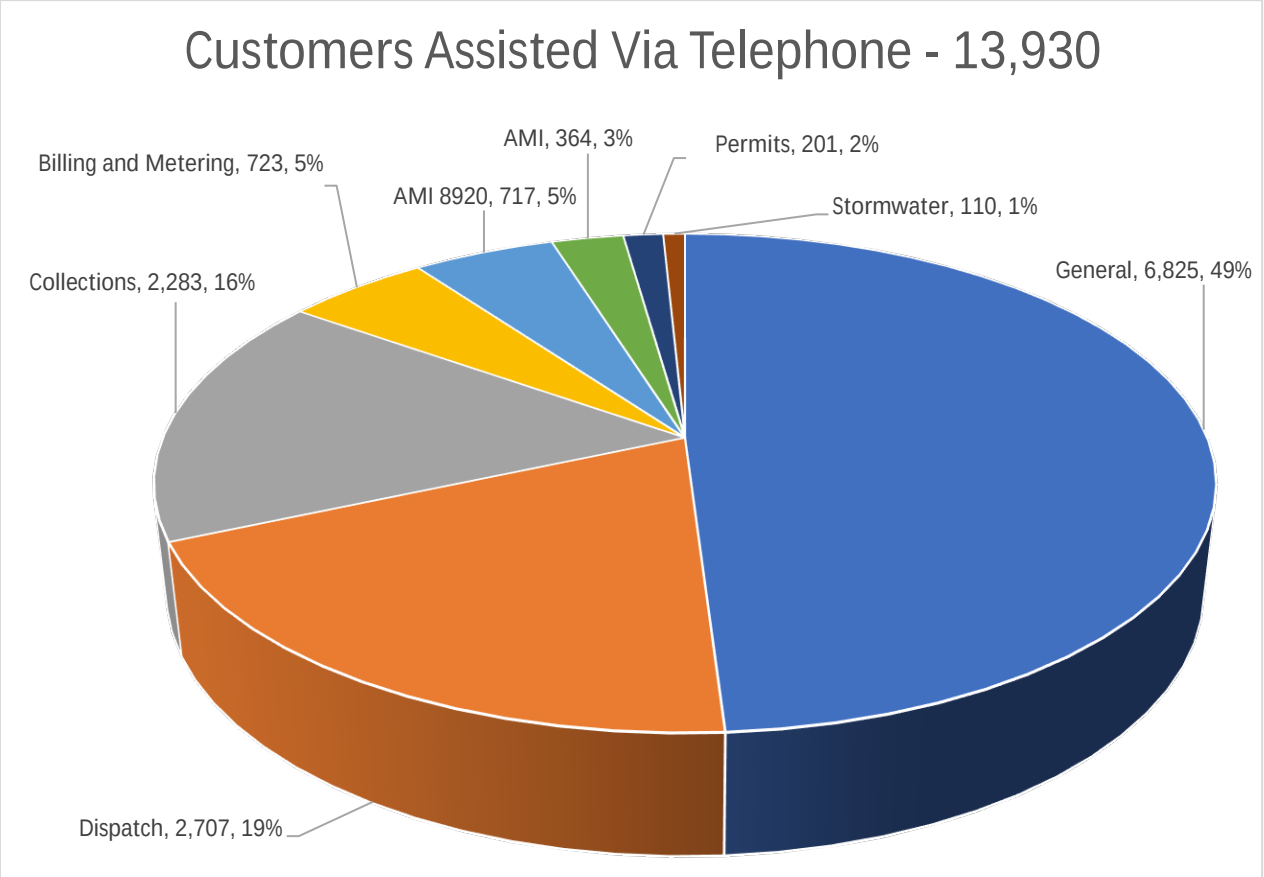
Queue Group Performance by Queue

1 - All Queues

4/1/2024 - 4/30/2024 - 00:00 - 24:00

Created on 5/1/2024 7:06:27 AM by pwsa\TJones

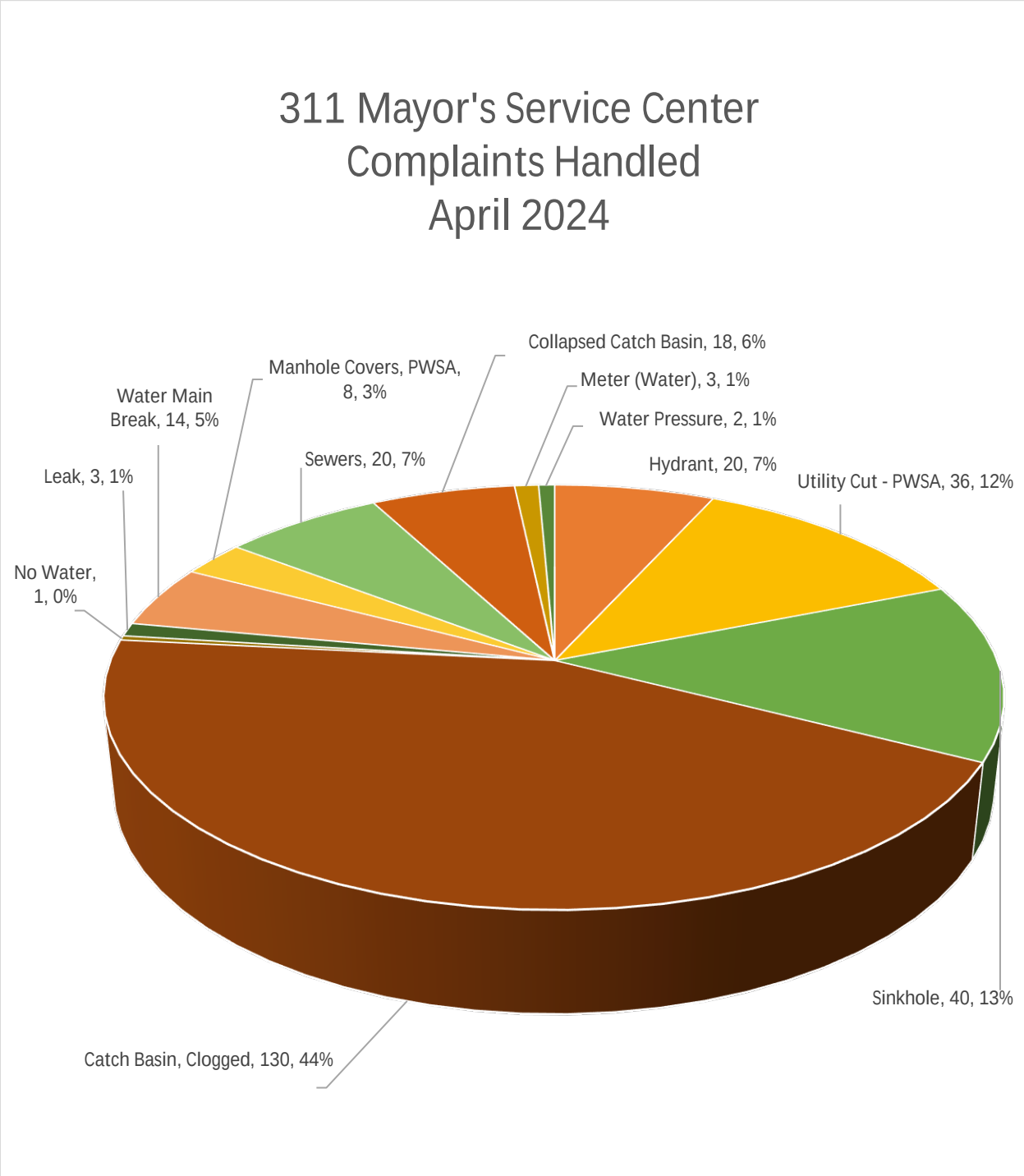
ACD queue	ACD queue name	ACD calls offered	ACD calls handled	Average speed of answer (hh:mm:ss)	Average ACD handling time (hh:mm:ss)	Abandon %	Service level %	Answer %
P001	General	6974	6825	00:00:37	00:06:09	1.3%	89.7%	97.9%
P004	Dispatch	2730	2707	00:00:13	00:02:19	0.8%	98.4%	99.2%
P002	Collections	2350	2283	00:00:51	00:06:49	1.4%	86.5%	97.1%
P003	Billing and Metering	745	723	00:00:41	00:04:53	1.7%	87.1%	97.0%
P006	AMI 8920	909	717	00:00:09	00:04:20	1.5%	100.0%	78.9%
P005	AMI	369	364	00:00:22	00:04:30	1.4%	96.7%	98.6%
P008	Permits	212	201	00:00:14	00:02:42	0.5%	100.0%	94.8%
P009	Stormwater	114	110	00:00:38	00:07:51	2.6%	86.0%	96.5%
Totals		**14403**	**13930**	**00:00:33**	**00:05:16**	**1.3%**	**91.7%**	**96.7%**



CUSTOMER SERVICE MONTHLY REPORT

DISPATCH – APRIL 2024

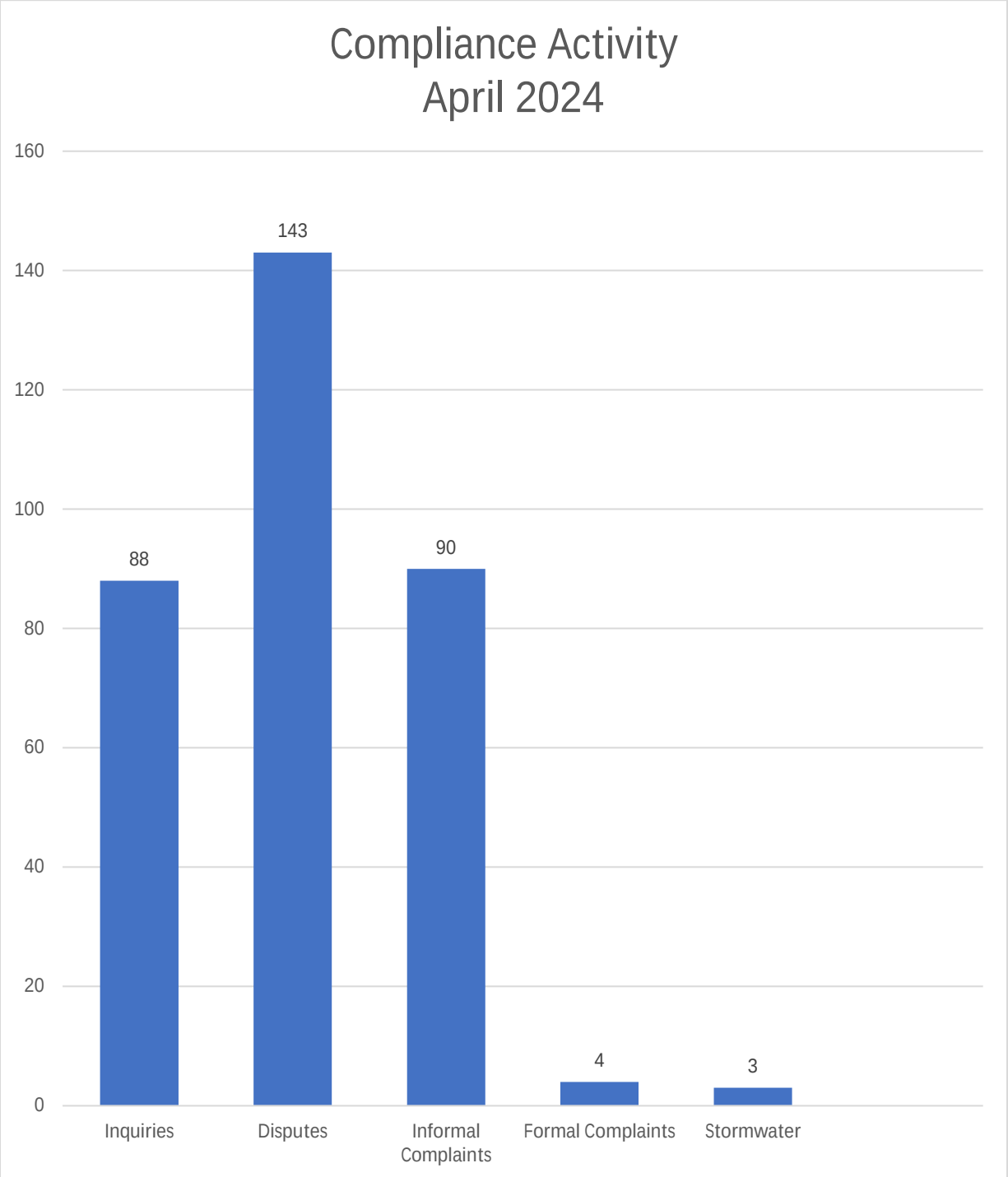
Dispatch responded to 2,707 calls for emergency service in April 2024. In this month, the Dispatchers issued 97 Interruptions of Service and facilitated 190 dig requests to Pennsylvania One Call.



CUSTOMER SERVICE MONTHLY REPORT

PUC COMPLIANCE – APRIL 2024

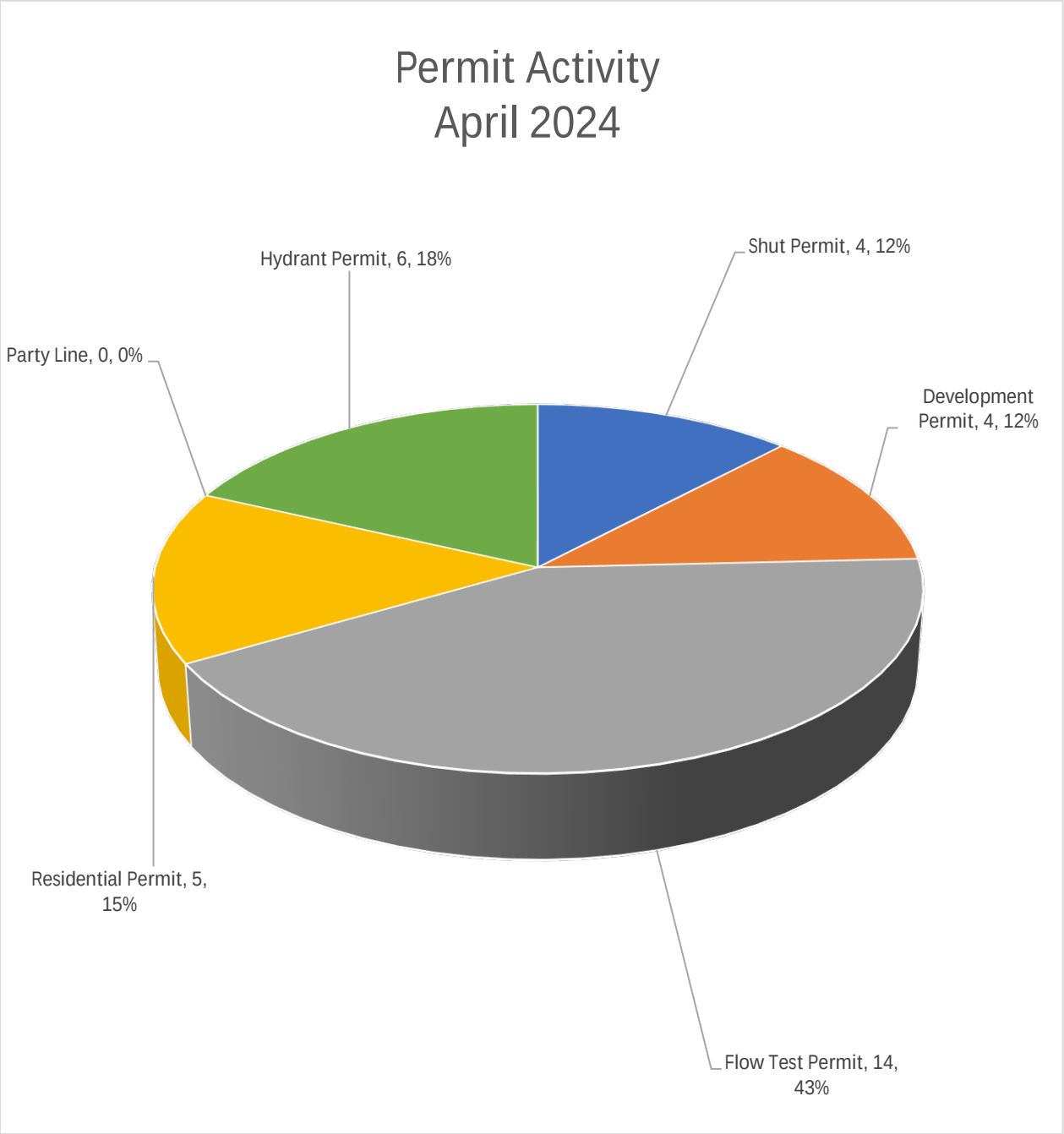
PWSA received 88 Inquiries, 143 Disputes, 90 Informal Complaints, 4 Formal Complaints, and 3 Stormwater Inquiries in the month of April 2024.



CUSTOMER SERVICE MONTHLY REPORT

PERMITS – APRIL 2024

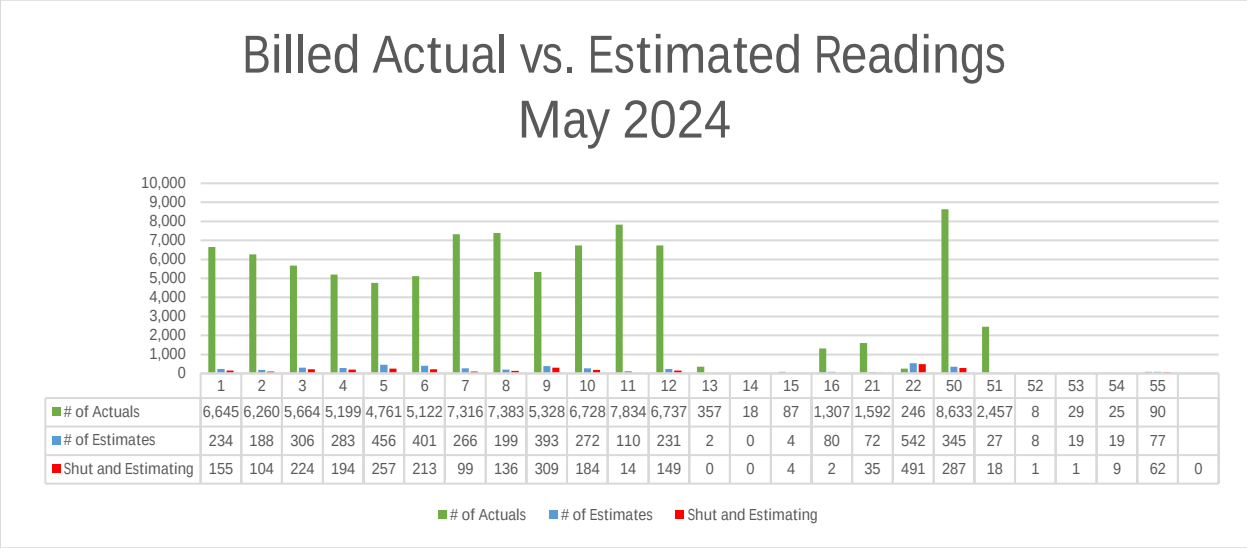
In April 2024, staff issued 33 permits as illustrated below. Additionally, Permits personnel processed 508 dye testing certification requests online, with 147 customers paying the processing fee via check and 361 paying via credit/debit card. Permits staff also assisted 201 customers via telephone in the month of April 2024.



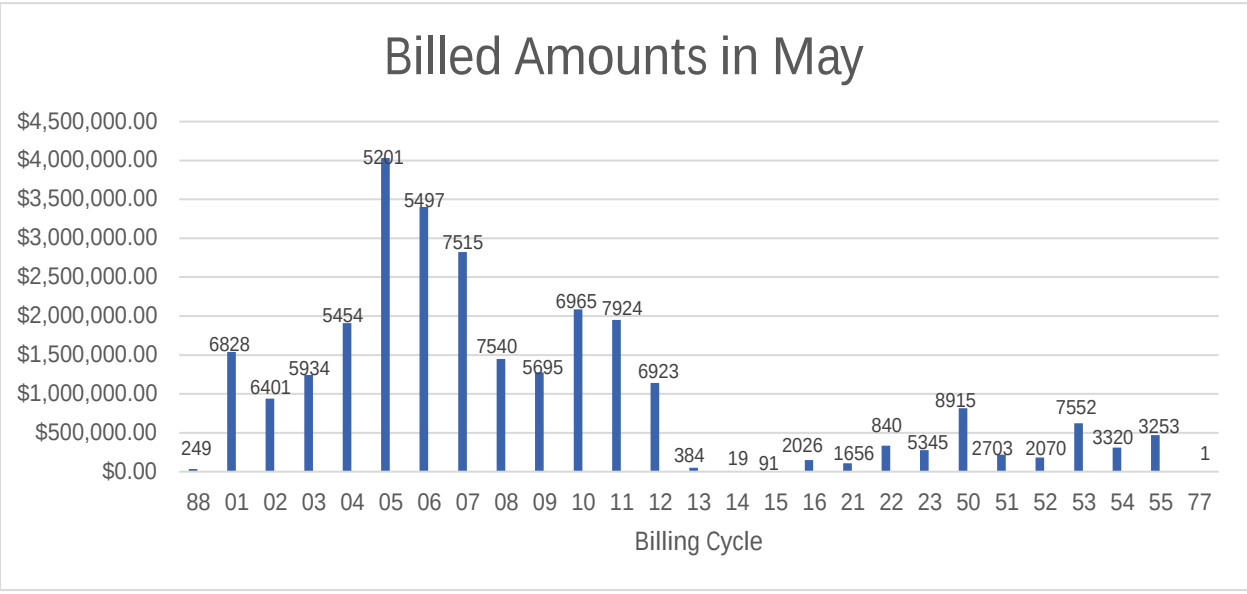
CUSTOMER SERVICE MONTHLY REPORT

AMI and BILLING – MAY 2024

The Non-Access Campaign continues to address the 1,792 aged actual meter readings and the 2,758 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. PWSA successfully upgraded 818 meters in May 2024. Additionally, 503 outbound calls were launched, 6,817 letters were issued, 782 properties were posted, and 67 properties were shut for non-access. In May, PWSA achieved an actual meter reading rate of 97.90%. Billing also received and processed 416 final bill requests. Billing totals for the month of May 2024 were 116,301 bills produced in the amount of $27,115,758.93.



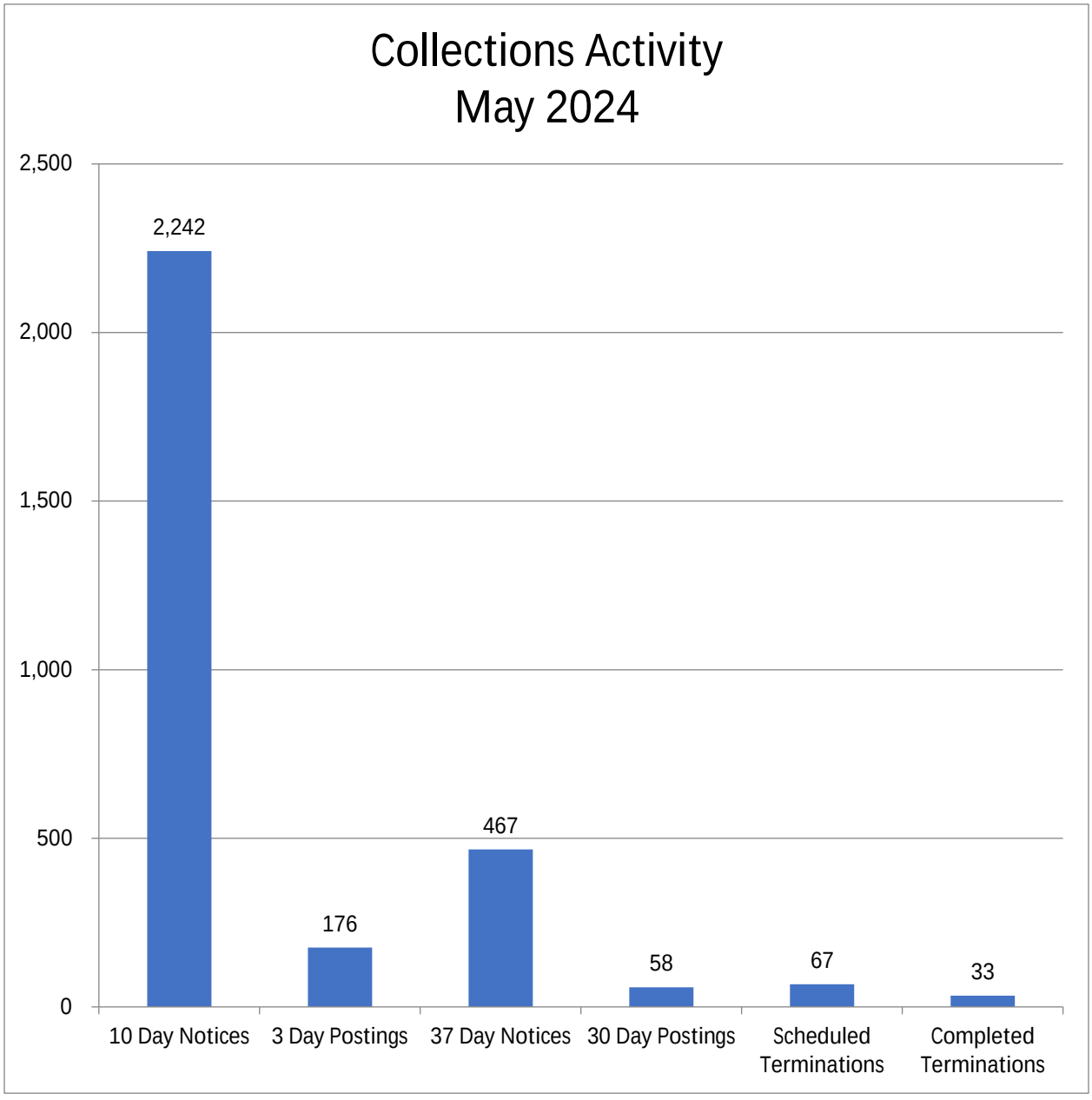
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	21	22	50	51	52	53	54	55	
# of Actuals	6,645	6,260	5,664	5,199	4,761	5,122	7,316	7,383	5,328	6,728	7,834	6,737	357	18	87	1,307	1,592	246	8,633	2,457	8	29	25	90	
# of Estimates	234	188	306	283	456	401	266	199	393	272	110	231	2	0	4	80	72	542	345	27	8	19	19	77	
Shut and Estimating	155	104	224	194	257	213	99	136	309	184	14	149	0	0	4	2	35	491	287	18	1	1	9	62	0



CUSTOMER SERVICE MONTHLY REPORT

COLLECTIONS – MAY 2024

In May 2024, the total Collections were $29,150,205, which was $2,268,736 *more* than what was billed in April 2024. Out of a total of 2,031 customer inquiries to info@pgh2o.com, Collections personnel responded to 2,031 all within 48 hours. Payment plans for the month of May 2024 totaled 7,978 and there were 7,567 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 – MAY 2024

There were 22 business days in the month of May 2024. In the month of May, the Contact Center's attendance rate changed to 18 full time employees and 3 part time employees. Of the 13,103 calls handled in the month of May 2024, the Contact Center yielded an abandonment rate of 1.1% with an average speed of answer of 22 seconds.

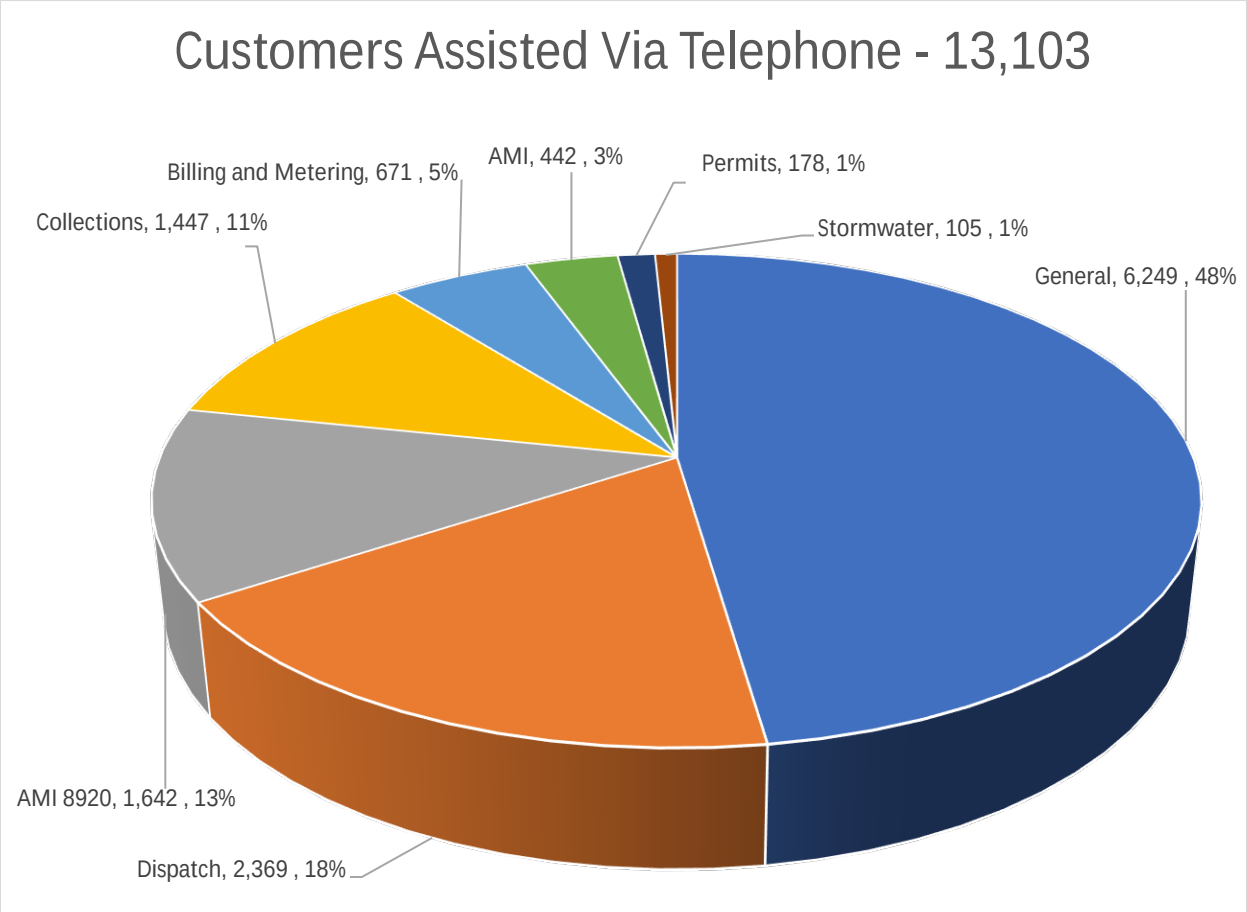
Queue Group Performance by Queue

1 - All Queues

5/1/2024 - 5/31/2024 - 00:00 - 24:00

Created on 6/1/2024 7:05:23 AM by pwsa\TJones

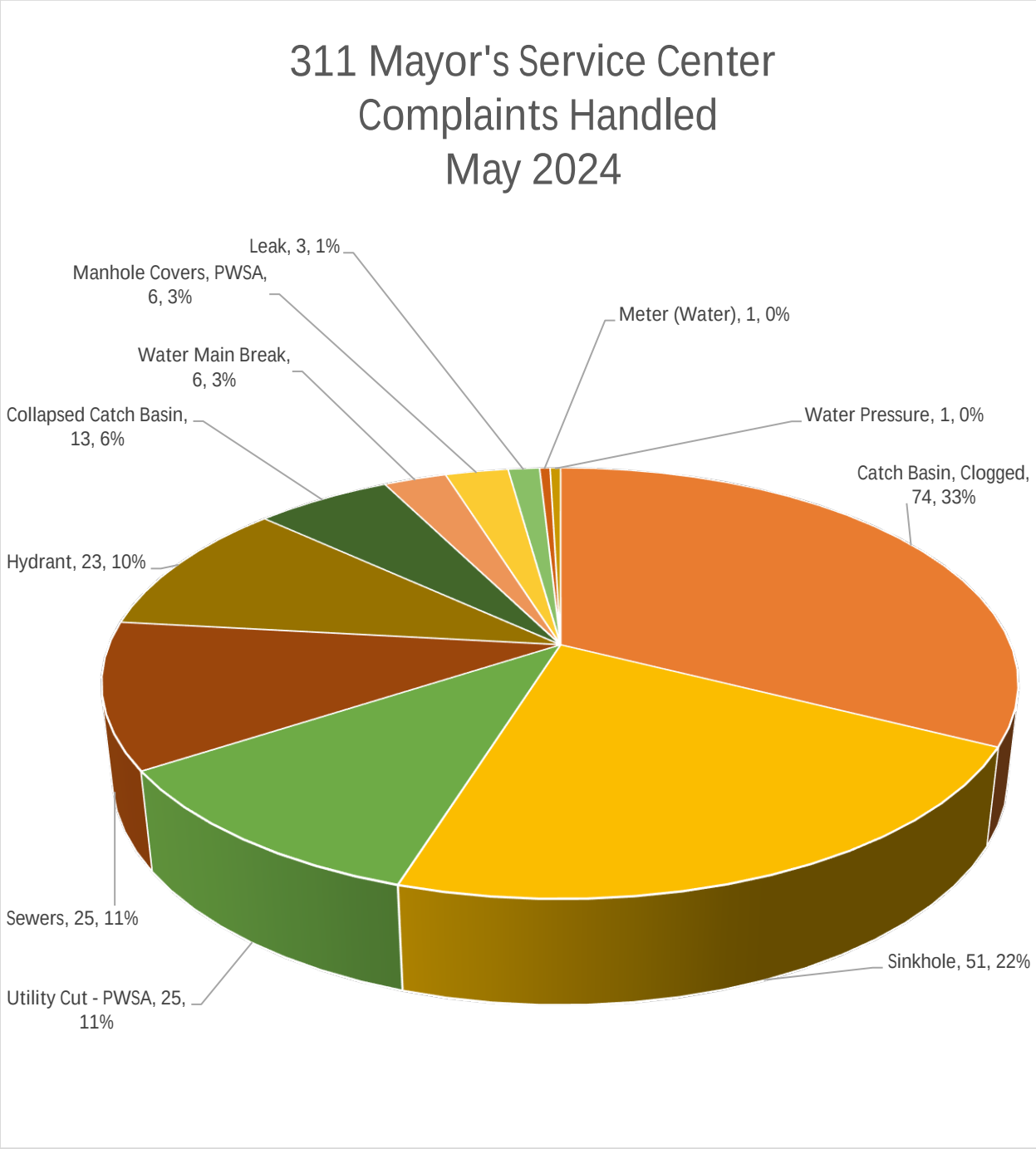
ACD queue	ACD queue name	ACD calls offered	ACD calls handled	Average speed of answer (hh:mm:ss)	Average ACD handling time (hh:mm:ss)	Abandon %	Service level %	Answer %
P001	General	6347	6249	00:00:27	00:05:58	1.0%	93.7%	98.5%
P004	Dispatch	2409	2369	00:00:14	00:02:29	1.7%	97.8%	98.3%
P006	AMI 8920	2481	1642	00:00:10	00:04:27	0.9%	100.0%	66.2%
P002	Collections	1479	1447	00:00:26	00:06:38	1.1%	93.2%	97.8%
P003	Billing and Metering	684	671	00:00:27	00:05:02	0.9%	92.7%	98.1%
P005	AMI	448	442	00:00:24	00:04:57	1.3%	96.2%	98.7%
P008	Permits	194	178	00:00:11	00:02:09	1.0%	100.0%	91.8%
P009	Stormwater	106	105	00:00:28	00:08:00	0.9%	96.2%	99.1%
Totals		**14148**	**13103**	**00:00:22**	**00:05:06**	**1.1%**	**95.6%**	**92.6%**



CUSTOMER SERVICE MONTHLY REPORT

DISPATCH – MAY 2024

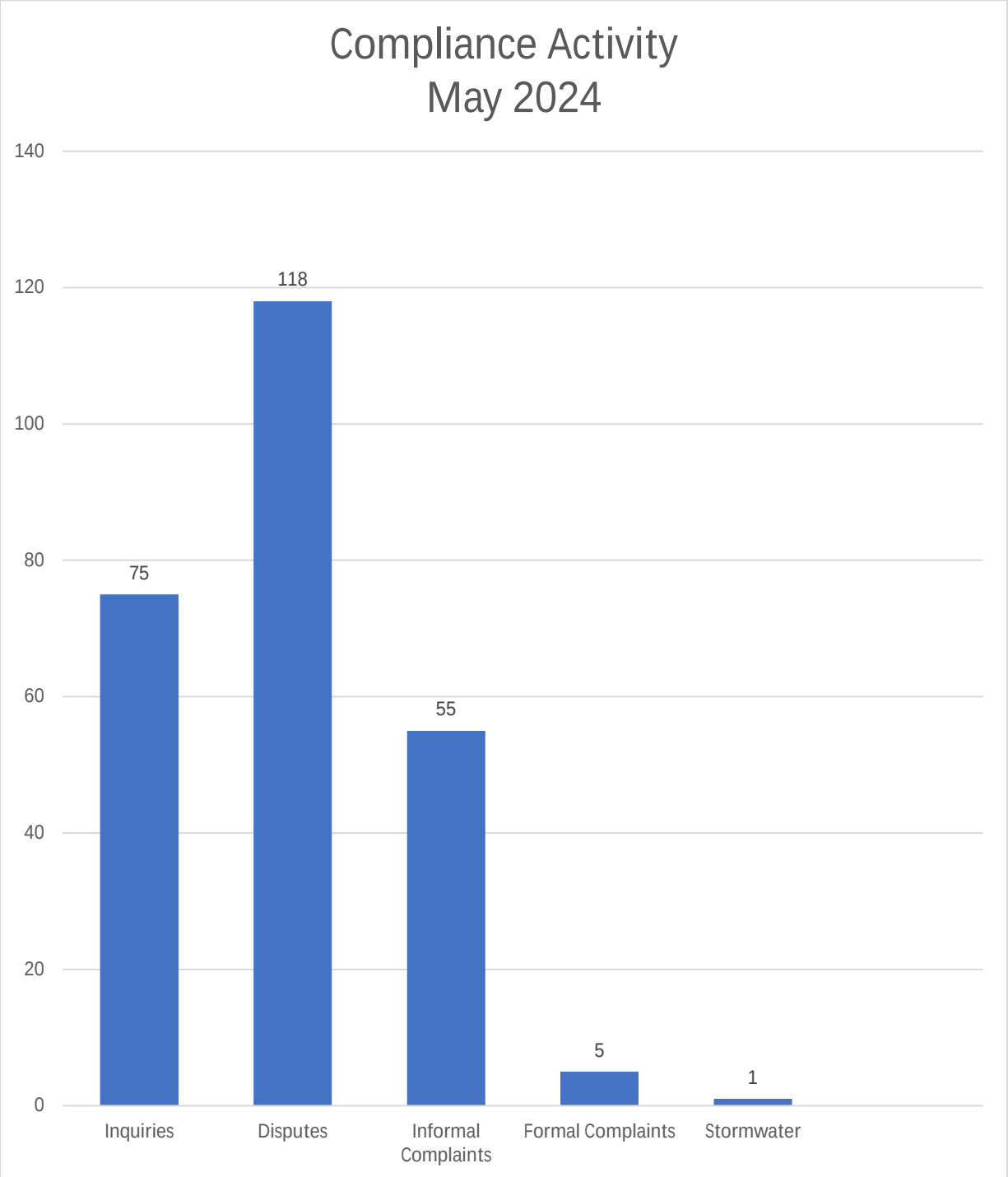
Dispatch responded to 2,369 calls for emergency service in May 2024. In this month, the Dispatchers issued 105 Interruptions of Service and facilitated 162 dig requests to Pennsylvania One Call.



CUSTOMER SERVICE MONTHLY REPORT

PUC COMPLIANCE – MAY 2024

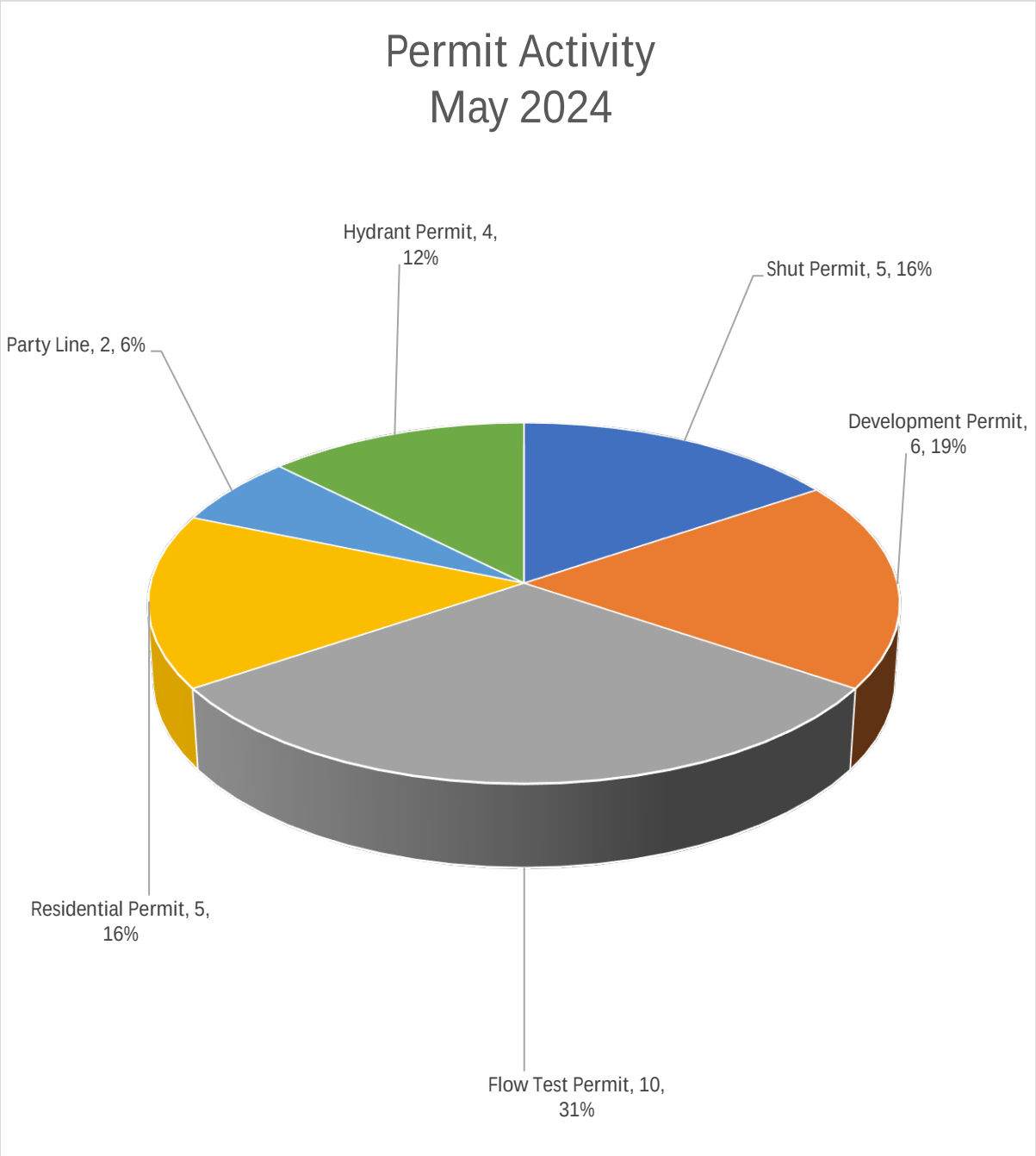
PWSA received 75 Inquiries, 118 Disputes, 55 Informal Complaints, 5 Formal Complaints, and 1 Stormwater Inquiry in the month of May 2024.



CUSTOMER SERVICE MONTHLY REPORT

PERMITS – MAY 2024

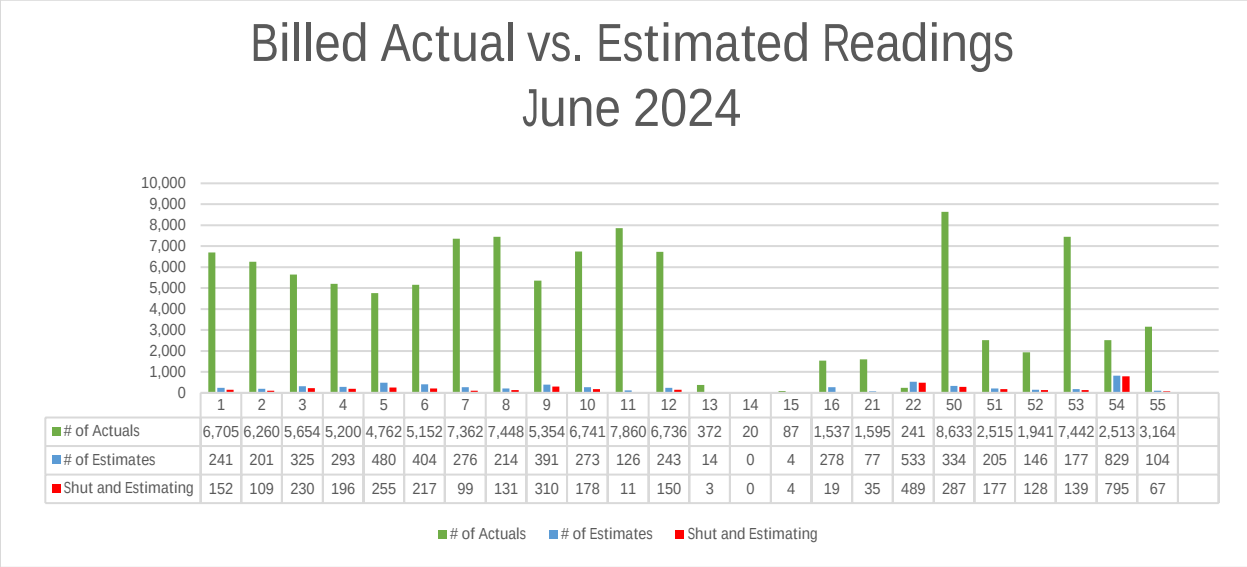
In May 2024, staff issued 32 permits as illustrated below. Additionally, Permits personnel processed 543 dye testing certification requests online, with 181 customers paying the processing fee via check and 362 paying via credit/debit card. Permits staff also assisted 178 customers via telephone in the month of May 2024.



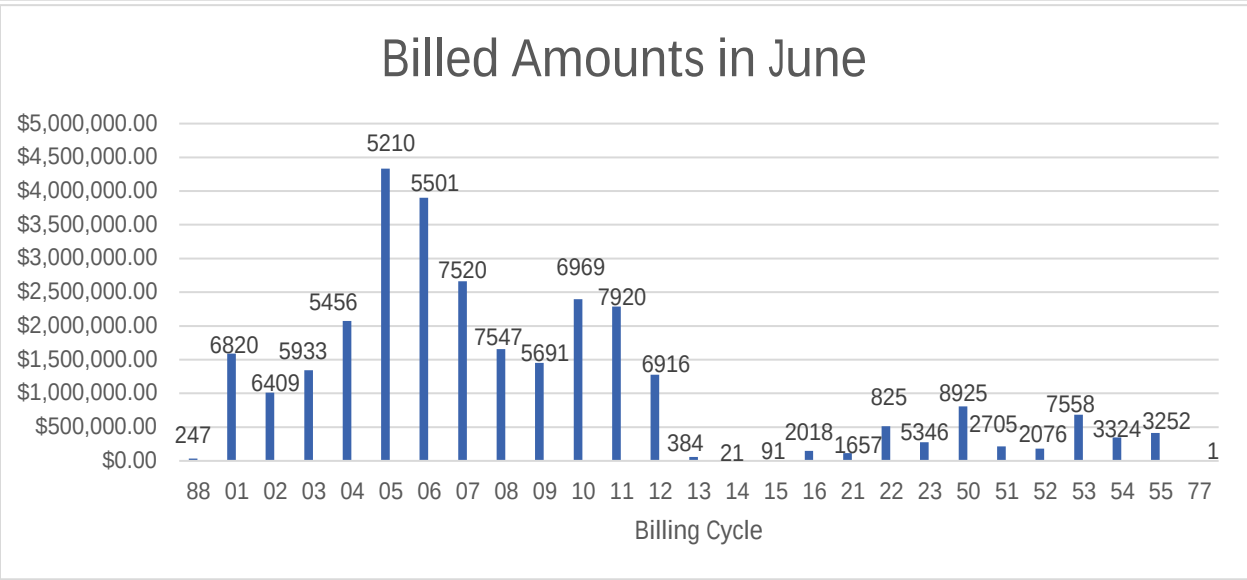
CUSTOMER SERVICE MONTHLY REPORT

AMI and BILLING – JUNE 2024

The Non-Access Campaign continues to address the 1,752 aged actual meter readings and the 3,443 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. PWSA successfully upgraded 1,034 meters in June 2024. Additionally, 3,217 letters were issued, 682 properties were posted, and 83 properties were shut for non-access. In June, PWSA achieved an actual meter reading rate of 97.85%. Billing also received and processed 606 final bill requests. Billing totals for the month of June 2024 were 116,322 bills produced in the amount of $29,388,612.04.



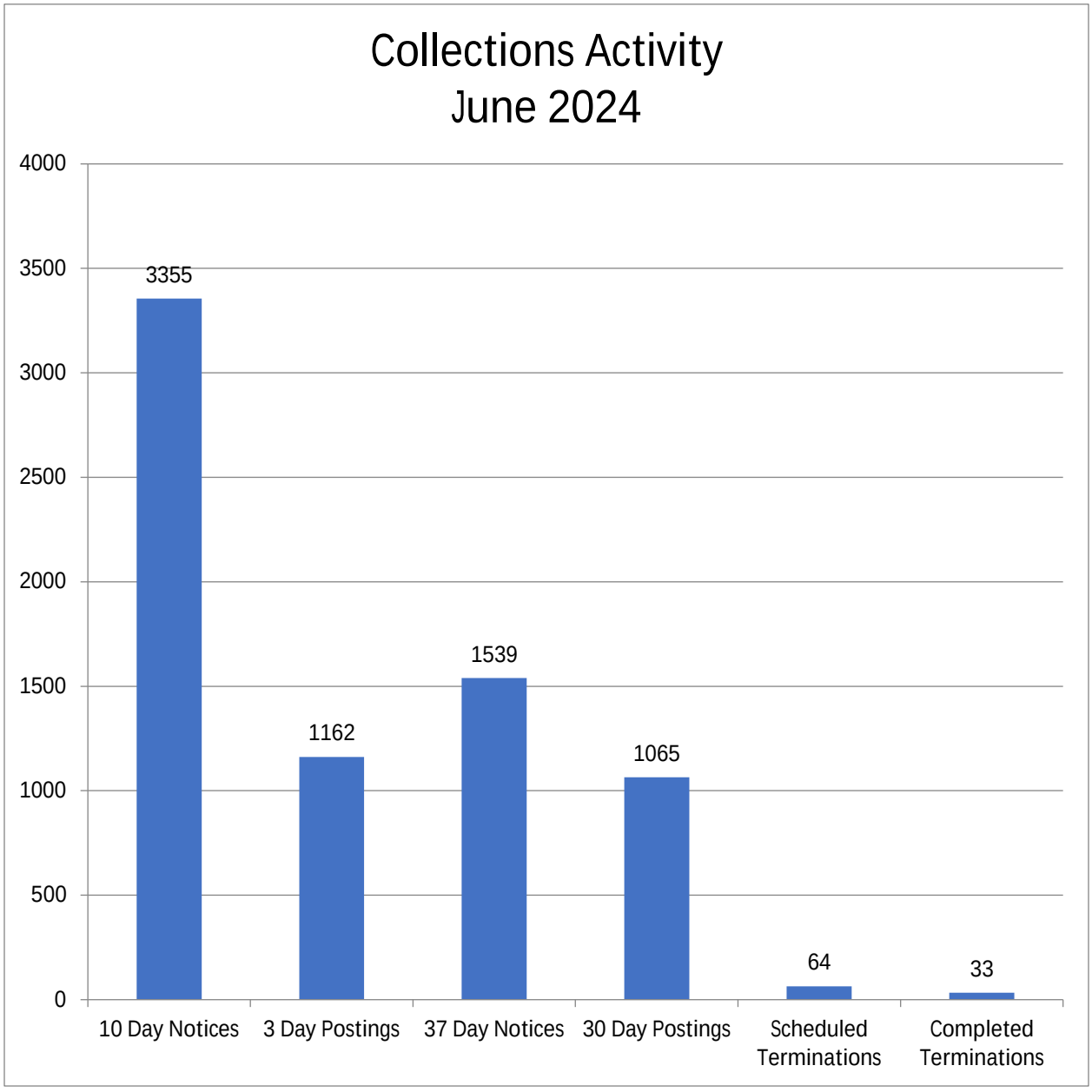
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	21	22	50	51	52	53	54	55
# of Actuals	6,705	6,260	5,654	5,200	4,762	5,152	7,362	7,448	5,354	6,741	7,860	6,736	372	20	87	1,537	1,595	241	8,633	2,515	1,941	7,442	2,513	3,164
# of Estimates	241	201	325	293	480	404	276	214	391	273	126	243	14	0	4	278	77	533	334	205	146	177	829	104
Shut and Estimating	152	109	230	196	255	217	99	131	310	178	11	150	3	0	4	19	35	489	287	177	128	139	795	67



CUSTOMER SERVICE MONTHLY REPORT

COLLECTIONS – JUNE 2024

In June 2024, the total Collections were $22,788,653, which was $4,327,106 *less* than what was billed in May 2024. Out of a total of 1,870 customer inquiries to info@pgh2o.com, Collections personnel responded to 1,870 all within 48 hours. Payment plans for the month of June 2024 totaled 8,094 and there were 7,556 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 – JUNE 2024

There were 19 business days in the month of June 2024. In the month of June, the Contact Center's attendance rate changed to 19 full time employees and 1 part time employee. Of the 12,968 calls handled in the month of June 2024, the Contact Center yielded an abandonment rate of 1.6% with an average speed of answer of 31 seconds.

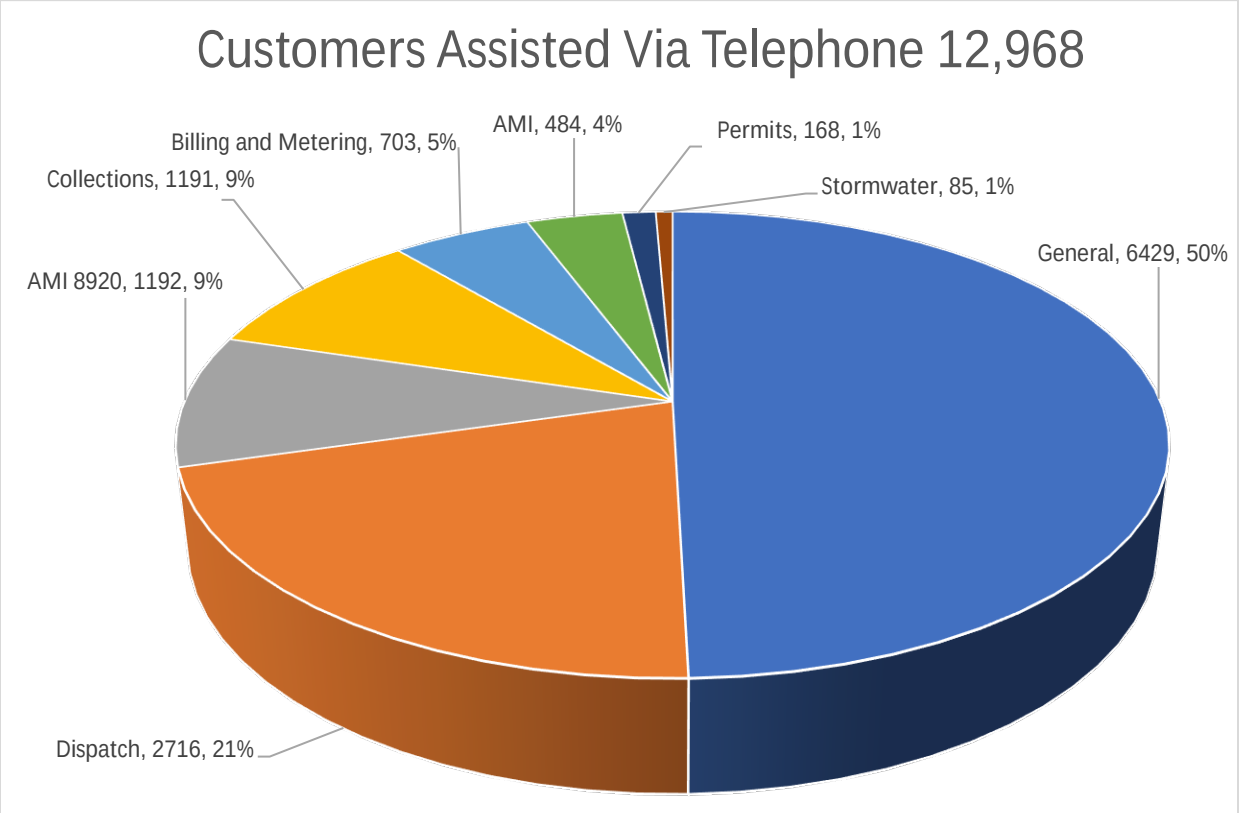
Queue Group Performance by Queue

1 - All Queues

6/1/2024 - 6/30/2024 - 00:00 - 24:00

Created on 7/1/2024 7:05:47 AM by pwsa\TJones

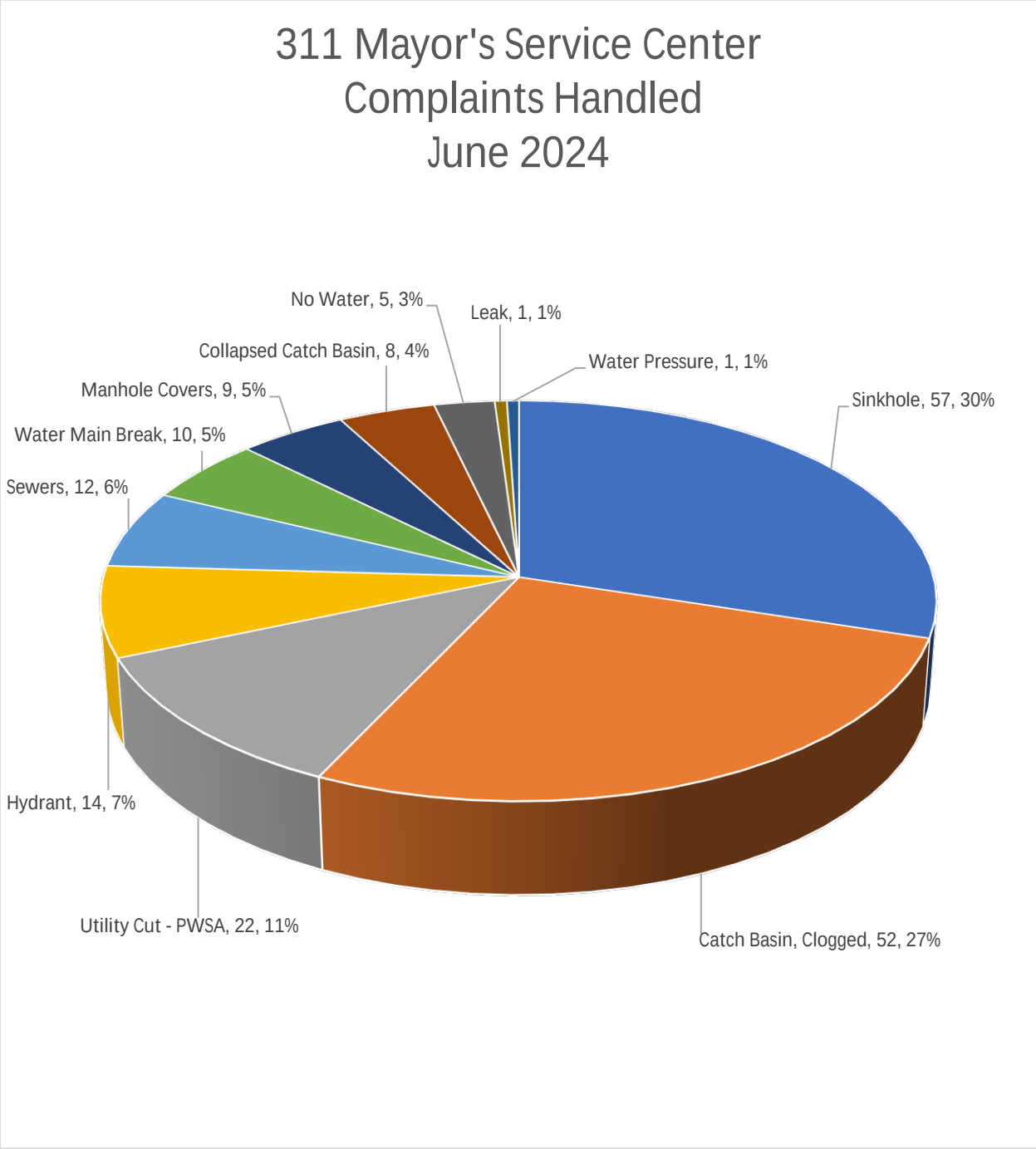
ACD queue	ACD queue name	ACD calls offered	ACD calls handled	Average speed of answer (hh:mm:ss)	Average ACD handling time (hh:mm:ss)	Abandon %	Service level %	Answer %
P001	General	6603	6429	00:00:39	00:05:53	1.8%	88.6%	97.4%
P004	Dispatch	2762	2716	00:00:16	00:02:11	1.7%	97.4%	98.3%
P006	AMI 8920	1707	1192	00:00:10	00:04:35	1.2%	100.0%	69.8%
P002	Collections	1228	1191	00:00:41	00:06:39	1.5%	87.9%	97.0%
P003	Billing and Metering	722	703	00:00:40	00:05:29	1.5%	88.4%	97.4%
P005	AMI	489	484	00:00:31	00:04:10	1.0%	92.8%	99.0%
P008	Permits	174	168	00:00:11	00:03:04	0.6%	100.0%	96.6%
P009	Stormwater	90	85	00:00:30	00:09:47	4.4%	90.0%	94.4%
Totals		**13775**	**12968**	**00:00:31**	**00:04:58**	**1.6%**	**92.0%**	**94.1%**



CUSTOMER SERVICE MONTHLY REPORT

DISPATCH – JUNE 2024

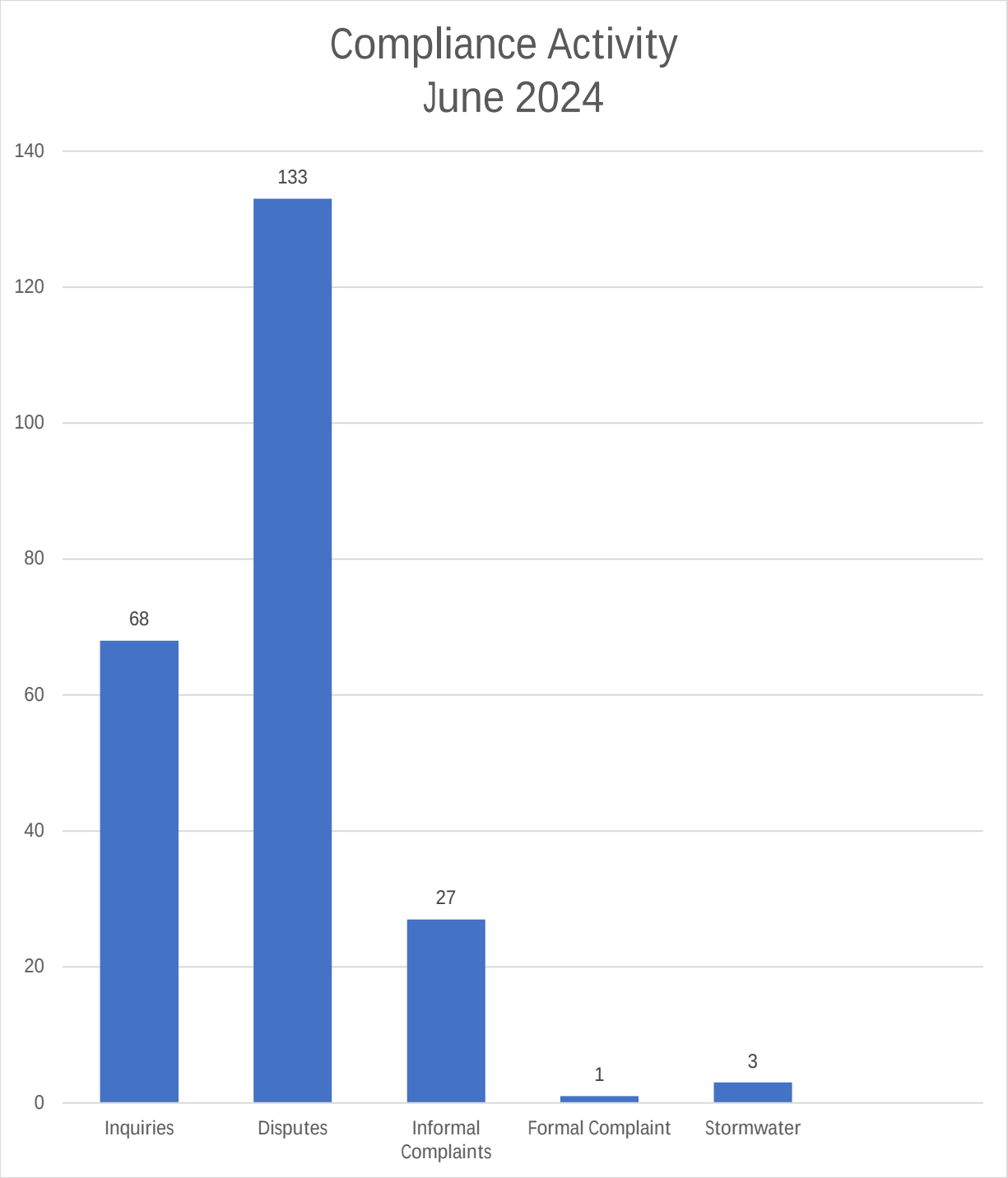
Dispatch responded to 2,716 calls for emergency service in June 2024. In this month, the Dispatchers issued 99 Interruptions of Service and facilitated 149 dig requests to Pennsylvania One Call.



CUSTOMER SERVICE MONTHLY REPORT

PUC COMPLIANCE – JUNE 2024

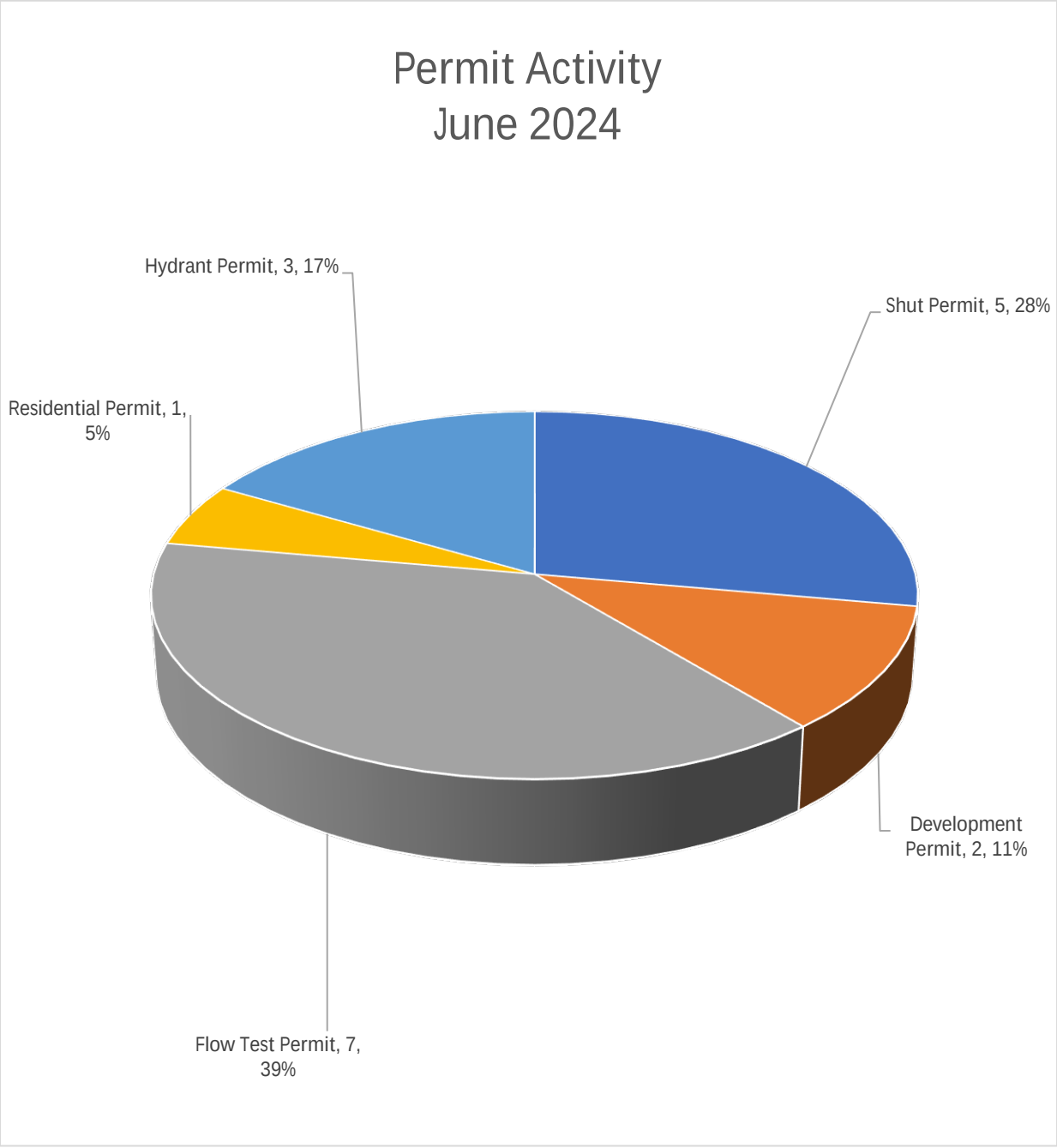
PWSA received 68 Inquiries, 133 Disputes, 27 Informal Complaints, 1 Formal Complaint, and 3 Stormwater Inquiries in the month of June 2024.



CUSTOMER SERVICE MONTHLY REPORT

PERMITS – JUNE 2024

In June 2024, staff issued 18 permits as illustrated below. Additionally, Permits personnel processed 519 dye testing certification requests online, with 171 customers paying the processing fee via check and 348 paying via credit/debit card. Permits staff also assisted 168 customers via telephone in the month of June 2024.



Appendix F- Vacancy Report

910F Executive Office

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Executive Office	Executive Administration Supervisor	Vacant	Vacant
Non-Union	Executive Office	Executive Assistant	Vacant	Vacant

911F Cust Service

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Union	Customer Service	Lead Program Customer Assistance	Vacant	Vacant
Union	Customer Service	Lead Program Customer Assistance	Vacant	Vacant
Union	Customer Service	Customer Service Representative 3	Vacant	Vacant
Union	Customer Service	Dispatcher	Vacant	Vacant
Non-Union	Customer Service	Administrative Assistant	Vacant	Vacant
Union	Customer Service	Customer Service Representative 1 - PT (1500 Hours)	Vacant	Vacant
Union	Customer Service	Customer Service Representative 1 - PT (1500 Hours)	Vacant	Vacant

912F TS

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024

913F Finance

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Finance	Financial Analyst	Vacant	Vacant
Non-Union	Finance	Senior Accounting Specialist	Vacant	Vacant
Non-Union	Finance	Accounting Specialist	Vacant	Vacant

915F HR

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024

916F Legal

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024

917 Safety and Security

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Safety and Security	Security Officer	Vacant	Vacant

920F Warehouse

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024

921F Public Affairs

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Public Affairs	Marketing Manager	Vacant	Vacant
Non-Union	Public Affairs	Writer	Vacant	Vacant

930F Engineering

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Engineering	Senior Group Manage, Water Programs	Vacant	Vacant
Non-Union	Engineering	Senior Project Manager, Electrical Engineer	Vacant	Vacant
Non-Union	Engineering	Senior Project Manager, Water Programs	Vacant	Vacant

931F Environmental Compliance

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024

321F Lab

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Lab	Laboratory Manager	Vacant	Vacant
Union	Lab	Chemist I Year 7	Vacant	Vacant
Union	Lab	Chemist II	Vacant	Vacant
Union	Lab	Chemist I	Vacant	Vacant

322F WTP

Union Status	Department	Title	Name	2024 Vacancy as of June 30, 2024
Non-Union	Water Treatment Plant	Deputy Director of Water Production	Vacant	Vacant
Union	Water Treatment Plant	Plant Operator - Class A	Vacant	Vacant
Union	Water Treatment Plant	Plant Maintenance Foreman	Vacant	Vacant
Union	Water Treatment Plant	Stationary Engineer	Vacant	Vacant

325F Water Ops

2024 Vacancy as of June 30, 2024

Union Status	Department	Title	Name	
Union	Water Ops	Water Repair Foreman	Vacant	Vacant
Union	Water Ops	Plumber - Licensed	Vacant	Vacant
Union	Water Ops	Plumber	Vacant	Vacant
Union	Water Ops	Plumber	Vacant	Vacant
Union	Water Ops	Valve & Hydrant Specialist - Licensed	Vacant	Vacant
Union	Water Ops	Valve & Hydrant Specialist	Vacant	Vacant
Union	Water Ops	Valve & Hydrant Specialist	Vacant	Vacant
Union	Water Ops	Truck Driver - Special Winch	Vacant	Vacant
Union	Water Ops	Truck Driver	Vacant	Vacant
Union	Water Ops	Truck Driver	Vacant	Vacant
Union	Water Ops	Utility Worker I	Vacant	Vacant
Union	Water Ops	Field Service Technician III	Vacant	Vacant
Union	Water Ops	Field Service Technician II	Vacant	Vacant

424F Sewer Ops

2024 Vacancy as of June 30, 2024

Union Status	Department	Title	Name	
Union	Sewer Ops	Vactor Operator	Vacant	Vacant
Union	Sewer Ops	Utility Worker I	Vacant	Vacant

Appendix G – Microfiltration Plant

Project Name	Project Number	Project Phase	Project Start (Year)	Capital Project Budget	Capital Budget Savings/Overages	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	Projected 2021 Expenditures Remaining	Projected 2021 Expenditures	Actual 2022 Expenditures Q1	Actual 2022 Expenditures Q2	Actual 2022 Expenditures Q3	Actual 2022 Expenditures Q4	Actual 2022 Expenditures	Projected 2022 Expenditures	Actual 2023 Expenditures Q1	Actual 2023 Expenditures Q2	Actual 2023 Expenditures Q3	Actual 2023 Expenditures Q4	Actual 2023 Expenditures	Actual 2024 Expenditures O1	Actual 2024 Expenditures O2	Projected 2024 Expenditures
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	$ 343,942.95	$ 501,083.66	$ 3,301.58		$ 20,235.83	$ 2,528.00	$ 26,065.41	$ 1,178,326.07	$ 13,564.12	$ -	$ -	$ -	$ 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	$ (0.00)	$ 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	$ (0.00)	$ 32,298.43					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Highland Park Membrane Filtration Plant UV System	2017-322-106-0	Complete	2017	$ 5,809,166.70	$ 231,177.31	$ 5,577,989.39	$ 5,577,935.60	$ 53.79	$ 231,231.10	$ -	$ 641,342.70	$ 3,494,954.26	$ 1,220,467.55	$ 160,698.14	$ 82,023.73	$ 242,721.87	$ 35,685.23	$ 8,936.71		$ 1,176.07	$ 45,798.01	$ 230,737.43	$ -	$ 826.65	$ -	$ 3,105.86	$ 3,932.51	$ 5,590.09	$ 5,152.34	$ -
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	$ (0.00)	$ 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	$ 25,790.40					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
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		$ 102,345.60	$ 2,540.66	$ 3,685.50	$ 20,257.80	$ 6,481.30	$ 32,965.26	$ 102,345.60	$ 5,329.69	$ 11,726.27	$ 38,075.60	$ 15,068.00	$ 70,199.56	$8,491.49	$ 6,685.00	$ 97,078.62
Utilities	Operating	On-going	2017	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,360.00	$ 4,360.00	$ 13,312.19	$ 117,901.96	$ 169,211.11		$ 4,626.87	$ 43,912.22	$ 30,010.68	$ 39,732.79	$ 40,869.26	$ 154,524.95	$ 4,719.40	$ 65,112.84	$ 43,835.75	$ 34,586.84	$ 38,480.32	$ 182,015.75	$37,798.94		$ 185,656.06
Security	Operating	On-going	2019	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 60,365.13	$ 316,850.63	$ 385,274.24		$ -	$ 88,781.12	$ 86,198.27	$ 90,684.51	$ 118,343.95	$ 384,007.85	$ -	$ 101,185.27	$ 45,778.82	$ 40,968.32	$ 43,298.10	$ 231,230.51	$ 42,708.06	$ 30,656.41	$ 238,167.43
Supplies	Operating	On-going	2019	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,350.00	$ 99,163.00	$ 76,288.86		$ -	$ 3,500.00	$ 11,803.80	$ 11,689.58	$ 1,260.00	$ 28,253.38	$ -	$ 5,246.72	$ 35,650.69	$ 7,015.60	$ -	$ 47,913.01	$ 1,715.76	$ -	$ 49,350.40
PWSA Staff Hours	Operating	On-going	2019	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 41,486.40	$ 925,554.55	$ 472,846.72		$ -	$ 93,318.80	$ 64,994.40	$ 27,560.00	$ 27,560.00	$ 213,433.20	$ -	$ 85,000.00	$ 86,000.00	$ 86,000.00	$ 86,000.00	$ 343,000.00	$ 86,000.00	$ 86,000.00	$ 343,000.00

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Pittsburgh Water & Sewer Authority

May 9, 2024

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 and Sewer Authority

Dear Ms. Diehl:

Pursuant to Paragraph 3.f. of the Consent Order and Agreement (COA) dated November 17, 2017, Pittsburgh Water and Sewer Authority (PWSA) 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

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

info@pgh2o.com
T 412.255.2423
F 412.255.2475

www.pgh2o.com
@pgh2o

Customer Service /
Emergencies:
412.255.2423

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Pittsburgh Water & Sewer Authority

Lead Program Quarterly Progress Report – May 15, 2024

Section 1 - Implementation of Corrosion Control Treatment Feasibility Study

Under paragraph 3.b.ii of the November 17, 2017 Consent Order & Agreement (COA), the Pittsburgh Water and Sewer Authority (PWSA) 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, PWSA received a letter from the Pennsylvania Department of Environmental Protection (PADEP) stating that the selection of orthophosphate as optimal corrosion control treatment for PWSA was approved.

PWSA completed design of the corrosion control chemical facilities and submitted a permit application to PADEP on May 10, 2018. Under paragraph 3.b.iii, PWSA 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. PWSA 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 PWSA 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.

PWSA began implementation of the modified corrosion control treatment facilities upon receipt of the amended Operation Permit from PADEP on March 29, 2019. PWSA 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

PWSA 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.

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

Parallel to the implementation of orthophosphate, PWSA 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.

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

Compliance Sampling Period	90th Percentile Lead Result
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

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

PWSA has accordingly achieved seven consecutive rounds of compliance sampling that were below the 15 ppb action level and 90th percentile results remain below that level.

On April 20, 2020, PWSA 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, PWSA 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, PWSA 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 accordance with Paragraph 3.b.vi., PWSA 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.

Section 2 - Consumer Tap Notices

PWSA 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 PWSA 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.

PWSA 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.

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

PGH2O Pittsburgh Water & Sewer Authority

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 PWSA receiving and conducting a Quality Assurance review of the results.

When PWSA 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, PWSA's contracted laboratory informs PWSA by telephone within one hour. If the laboratory is unable to reach PWSA 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, PWSA 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), PWSA requests that property owners collect a water sample (post-construction sample) after every partial line replacement.

In addition, PWSA 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 PWSA performs. PWSA 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, PWSA 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 PWSA needs to reach a tenant with no contact information, PWSA 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

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

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, PWSA 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 April 30, 2024, 11,098 public lead service lines have been replaced. Post-construction samples have been returned from 4,875 of those locations. From February 1, 2024 – April 30, 2024 (this quarterly progress report reporting period) 322 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 PWSA *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, PWSA 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 PWSA to replace their lead private side service line, they will be subject to termination of water service. When possible, PWSA 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, PWSA 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.

There were no Emergency Partial Lead Service Line Replacements reported during the quarterly reporting period February 1, 2024 – April 30, 2024.

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

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 PWSA 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.

PWSA 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, PWSA 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.

PWSA 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.

PWSA is preparing for and will submit an updated inventory in accordance with the Lead and Copper Rule Revisions deadline of October 16, 2024.

Section 7 - Lead Service Line Replacements

PWSA 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

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

PGH2O Pittsburgh Water & Sewer Authority

mandatory lead service line replacement has ended, this table has not been included in the quarterly report since August 15, 2020.

The PWSA 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 PWSA and PWSA 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 PWSA Board at their July 26, 2019 meeting to continue to offer no-cost private side lead or galvanized iron service line replacements when PWSA 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 PWSA is not replacing the public side.

From July 1, 2016 through April 30, 2024, 11,098 public lead and 7,861 private lead or private galvanized iron service lines have been replaced by PWSA or a PWSA contractor.

Lead Service Line Replacements

- Small Diameter Water Main Replacement Contracts

PWSA service line replacement efforts include projects to replace small diameter water mains, and PWSA 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 PWSA 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 on two of the three contracts associated with this project will be completed by summer/fall 2024, with the third contract starting in the summer of 2024.

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

- Lead Service Line Replacement Contracts

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

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

PGH2O Pittsburgh Water & Sewer Authority

2022 Neighborhood LSLR: The City of Pittsburgh granted the use of $17.0 million in American Recovery Plan funds for PWSA to complete LSLRs within its service area. The neighborhood selection and approach was reviewed by the Community Lead Response Advisory Committee (CLRAC) members at the December 2021 meeting. This funding will allow for approximately 2,400 work locations. A Construction contract for this project was awarded in January 2022, and work began in April 2022. Mostly surface restoration work remains on this contract.

2023A Neighborhood LSLR: PWSA received a PENNVEST award on January 12, 2023 consisting of $9.7 million grant and $3.7 million in loans. This funding will be used for approximately 1,800 LSLRs at priority neighborhoods within the PWSA service area. Work began in July 2023.

2023B Neighborhood LSLR: PWSA received a PENNVEST award on July 19, 2023 consisting of $10 million grant and $4.6 million in loans. This funding will be used for approximately 1,200 LSLRs at priority neighborhoods within the PWSA service area. Work started in March 2024.

2024A Neighborhood LSLR: PWSA 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 for approximately 4,000 LSLRs at priority neighborhoods within the PWSA service area. Work is planned to begin in the summer of 2024.

PWSA Operations/Urgent LSLR: PWSA has a construction contract to perform replacement of privately-owned lead service lines when PWSA 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.

PWSA 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 PWSA to replace their private side lead service line, they will be subject to termination of water service. When possible, PWSA 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

PWSA 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 PWSA to evaluate and advise PWSA on recommended modifications to the LSLR Program. The primary purposes of the CLRAC are to provide consultation and feedback on PWSA's LSLR Program and lead remediation efforts. All minutes of the CLRAC meetings are posted on the PWSA website. http://lead.pgh2o.com/resources/clrac/

Per PUC order, PWSA 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

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

PGH2O Pittsburgh Water & Sewer Authority

PWSA install a replacement private side service line. This requirement was effective in early April 2021.

Lead Help Desk:
412.255.8987
LeadHelp@pgh2o.com

Resources:
pgh2o.com/lead-facts

Stay Connected:
@pgh2o

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

ATTACHMENT A
CONSUMER TAP NOTICES: EXAMPLE LETTER

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Pittsburgh Water & Sewer Authority

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 13:45:00	1	Lead	2.01	ppb
633879	09/10/2023 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

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

PGH2O Pittsburgh Water & Sewer Authority

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 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?

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

PGH2O Pittsburgh Water & Sewer Authority

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.
- 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. 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 or call 412.255.8987.

Sincerely,

William J. Pickering

William Pickering | Chief Executive Officer

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

ATTACHMENT B
POST CONSTRUCTION SAMPLE RESULTS

(Partial Line and Full Line Replacement Locations)

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5020086	Upper Lawrenceville Relay	BLG	5309	HOLMES ST	Lead	Lead	Non-Lead	Copper	2016-07-05	2019-01-14	Yes								2017-07-11	9.5														
5020093	Upper Lawrenceville Relay	BLG	5323	HOLMES ST	Lead	Lead Tailpiece	Non-Lead	Copper Tailpiece	2016-07-08	2019-01-17	Yes								2017-07-09	3.9														
5078778	Ops	BLG	3522	SIMEN AVE	Lead	Lead	PEX	Copper	2016-07-11	2019-01-17	Yes		Emergency						2019-01-20	10.2														
5020622	Upper Lawrenceville Relay	BLG	5331	HOLMES ST	Lead	Lead	Non-Lead	Copper	2016-07-12	2019-01-02	Yes								2019-01-04	108														
5017464	Ops	BLG_01	428	FISK ST	Lead	Lead	PEX	Not Replaced	2016-07-12		Yes		Emergency						2017-07-11	14														
5028213	Ops	BLG_01	1012	WINTERTON ST	Lead	Lead	PEX	Copper	2016-07-18	2019-05-31	Yes		Emergency						2017-07-25	17		2019-06-01	6.79											
5046129	Ops	BLG	4221	SHIELDS ST	Lead	Lead	PEX	Copper	2016-07-19	2019-02-06	Yes		Emergency						2019-02-08	ND														
5048521	Ops	BLG	5264	2ND AVE	Lead	Lead	PEX	Copper	2016-07-21	2019-01-09	Yes		Emergency						2019-01-16	ND														
5020213	Upper Lawrenceville Relay	BLG	5109	CARNEGIE ST	Lead	Lead	Non-Lead	Copper	2016-07-25	2018-12-20	Yes								2017-07-09	6.3		2019-01-02	ND											
5020285	Upper Lawrenceville Relay	BLG_01	5108	CARNEGIE ST	Lead	Lead	Non-Lead	Copper	2016-07-25	2019-03-22	Yes								2017-07-02	4		2019-03-23	17.2											
5020233	Upper Lawrenceville Relay	BLG	5131 1/2	CARNEGIE ST	Lead	Lead	Non-Lead	Copper	2016-07-27	2019-01-15	Yes								2019-01-23	3.2														
5020234	Upper Lawrenceville Relay	BLG	5133	CARNEGIE ST	Lead	Lead	Non-Lead	Copper	2016-07-27	2018-12-20	Yes								2017-07-09	22		2017-10-30	19											
5020237	Upper Lawrenceville Relay	BLG	5135	CARNEGIE ST	Lead	Lead	PEX	Copper	2016-07-27	2018-12-19	Yes								2017-07-02	22		2017-08-03	10		2018-12-21	ND							
5020261	Upper Lawrenceville Relay	BLG	5156	CARNEGIE ST	Lead	Lead	Non-Lead	Not Replaced	2016-08-02		Yes								2017-06-30	4.8														
5019695	Upper Lawrenceville Relay	BLG	5159	CARNEGIE ST	Lead	Lead Tailpiece	Non-Lead	Copper Tailpiece	2016-08-03	2019-01-04	Yes								2017-07-05	2.5														
5070381	Ops	A16_06	512	ARMANDALE ST	Lead	Lead	PEX	Copper	2016-08-03	2018-11-20	Yes		Emergency						2017-07-13	5.6		2018-10-31	ND											
5006770	Ops	BLG	525	MELWOOD AVE	Lead	PEX	PEX	Not Replaced	2016-08-04		No		Emergency						2017-07-06	5.4														
5019697	Upper Lawrenceville Relay	BLG	5163	CARNEGIE ST	Lead	Lead	Copper	Copper	2016-08-04	2018-12-19	Yes								2017-07-03	4														
5019696	Upper Lawrenceville Relay	BLG	5161 1/2	CARNEGIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2016-08-04	2018-12-19	Yes								2017-07-01	2.6		2018-12-20	ND											
5019700	Upper Lawrenceville Relay	BLG	5165	CARNEGIE ST	Lead	Lead	Non-Lead	Copper	2016-08-05	2019-03-05	Yes								2019-05-07	ND														
5051908	Ops	BLG	2300	PRIMROSE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2016-08-05	2019-01-22	Yes		Emergency						2019-01-24	2.2														
5075090	Ops	BLG	17	DUNLAP ST	Lead	Lead	PEX	Copper	2016-08-08	2019-02-06	Yes		Emergency						2019-03-23	ND														
5028480	Ops	BLG	6395	STANTON AVE	Lead	Lead	PEX	Copper	2016-08-08	2019-02-11	Yes		Emergency						2017-11-13	ND														
5004258	Ops	BLG_01	3103	NIAGARA ST	Lead	Lead	PEX	Not Replaced	2016-08-12		Yes		Emergency						2017-07-07	98														
5041493	Ops	BLG	7220	MEADE ST	Lead	Lead	PEX	Copper	2016-08-19	2019-01-09	Yes		Emergency						2017-07-08	27		2017-07-28	13											
5044460	Ops	BLG	1222	LANCASTER AVE	Lead	Lead	PEX	Copper	2016-08-25	2019-01-03	Yes		Emergency						2017-09-02	ND		2019-01-04	11.8											
5059590	Ops	A01_03	125	TUSCOLA ST	Lead	Lead	PEX	Copper	2016-08-30	2018-05-16	Yes		Emergency						2018-10-24	ND														
5051624	Ops	BLG_01	7	HOLT ST	Lead	Lead	PEX	Not Replaced	2016-09-01		Yes		Emergency						2017-07-09	8.6														
5071007	Ops	A16_06	1415	BUENA VISTA ST	Lead	Lead	PEX	Copper	2016-09-02	2018-11-30	Yes		Emergency						2017-07-09	58		2018-10-27	2.6		2018-12-02	ND							
5037581	Ops	BLG	5508	BEACON ST	Lead	Lead	PEX	Copper	2016-09-07	2019-02-08	Yes		Emergency						2017-08-14	9.2		2019-02-18	1.54											
5072382	Ops	BLG	2329	HAZELTON ST	Lead	Lead	PEX	Copper	2016-09-08	2019-01-14	Yes		Emergency						2019-01-15	7														
5050529	Ops	A14_03	2118	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2016-09-08		No		Emergency						2018-09-09	ND														
5072381	Ops	BLG	2331	HAZELTON ST	Lead	Lead	PEX	Copper	2016-09-09	2019-01-17	Yes		Emergency						2019-01-14	338														
5022995	Upper Lawrenceville Relay	BLG	5430	KEYSTONE ST	Lead	Lead	Non-Lead	Copper	2016-09-13	2019-01-28	Yes								2017-08-02	9.2		2019-02-02	ND											
5022988	Upper Lawrenceville Relay	BLG	5431	KEYSTONE ST	Lead	Lead	Non-Lead	Copper	2016-09-14	2019-01-28	Yes								2019-01-30	1.81														
5040277	Ops	BLG	201	ELYSIAN ST	Lead	Lead	PEX	Copper	2016-09-15	2019-01-02	Yes		Emergency						2019-01-03	8.9		2019-01-03	10.3											
5012501	Maryland Avenue Relay	BLG_01	915	MARYLAND AVE	Lead	Lead	Copper	Copper	2016-09-15	2019-08-19	Yes								2017-07-13	9.7		2018-08-22	10		2019-08-21	59.1		2019-08-29	ND				
5012454	Maryland Avenue Relay	BLG	927	MARYLAND AVE	Lead	Lead	Copper	Copper	2016-09-15	2019-01-15	Yes								2017-07-10	8		2017-07-25	9.9		2019-01-16	4.9		2019-01-23	ND				
5012500	Maryland Avenue Relay	BLG_01	911	MARYLAND AVE	Lead	Lead	Copper	Not Replaced	2016-09-15		Yes								2017-07-08	11														
5022990	Upper Lawrenceville Relay	BLG	5434	NATRONA WAY	Lead	Lead	Non-Lead	Copper	2016-09-15	2019-02-04	Yes								2017-07-07	5.1		2019-02-06	ND											
5022994	Upper Lawrenceville Relay	BLG	5438	NATRONA WAY	Lead	Lead	Non-Lead	Not Replaced	2016-09-15		Yes								2017-07-06	ND														
5072101	Ops	BLG	2510	MAPLE AVE	Lead	Lead	PEX	Copper	2016-09-16	2019-01-18	Yes		Emergency						2017-11-16	14		2019-04-13	4.06											
5066064	Ops	BLG	212	W NORTH AVE	Lead	Copper	PEX	Not Replaced	2016-09-25		No		Emergency						2017-07-07	ND														
5018054	Ops		4838	HATFIELD ST	Lead	PEX	PEX	Not Replaced	2016-10-03		No		Emergency						2018-07-31	ND														
5036901	Ops	BLG	1544	SHADY AVE	Lead	Lead	PEX	Copper	2016-10-04	2019-01-23	Yes		Emergency						2017-08-02	ND		2019-01-25	7.4											
5055674	Ops	BLG_01	53	CRAIGHEAD ST	Lead	Lead	PEX	Not Replaced	2016-10-04		Yes		Emergency						2017-07-09	69														
5050590	Ops	A14_03	2406	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2016-10-05		No		Emergency						2018-09-09	ND														
5054245	Ops	Private Reimbursement	146	S 17TH ST	Lead	Lead	PEX	Non-Lead	2016-10-31	2016-10-11	Yes		Emergency						2017-10-16	3.1														
5047658	Ops	BLG	234	FLOWERS AVE	Lead	Lead	PEX	Copper	2016-10-19	2019-01-03	Yes		Emergency						2017-07-07	8.6														
5122045	Spring Street Relay	BLG	10	SPRING STREET	Lead	Lead	Non-Lead	Copper	2016-10-20	2019-02-28	Yes								2019-04-17	ND														
5122047	Spring Street Relay	BLG	12	SPRING STREET	Lead	Lead	Copper	Copper	2016-10-20	2019-01-28	Yes								2019-01-30	ND														
5032416	Ops	BLG_01	7055	CHAUCER ST	Lead	Lead	PEX	Not Replaced	2016-10-21		Yes		Emergency						2017-07-06	14														
5122046	Spring Street Relay	BLG	11	SPRING STREET	Lead	Lead	Non-Lead	Copper	2016-10-27	2019-01-28	Yes								2019-01-29	14.7														
5122044	Spring Street Relay	BLG_01	9	SPRING STREET	Lead	Lead	Non-Lead	Not Replaced	2016-11-01		Yes								2017-07-13	38		2018-01-30	8.5											
5079437	Ops	Private Reimbursement	3034	SHADELAND AVE	Lead	Lead	PEX	Copper	2016-11-04	2016-11-09	Yes		Emergency						2017-07-13	ND														
5060561	Ops	BLG	319	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2016-11-08	2019-03-04	Yes		Emergency						2017-07-07	36		2018-02-02	18		2019-03-07	1.18							
5061046	Ops	BLG	154	OLYMPIA ST	Lead	Lead	PEX	Copper	2016-11-09	2019-02-06	Yes		Emergency						2017-07-17	8.5														
5020507	Upper Lawrenceville Relay	BLG	5114	DUNCAN ST	Lead	Lead Tailpiece	Non-Lead	Copper Tailpiece	2016-11-14	2019-01-04	Yes								2017-07-24	4.3		2019-01-11	ND											
5069372	Ops	BLG	2035	LAUTNER ST	Lead	Lead	PEX	Copper	2016-11-15	2018-12-31	Yes		Emergency						2019-01-05	38														
5061126	Ops	BLG	617	CHESS ST	Lead	Copper	PEX	Not Replaced	2016-11-25		No		Emergency						2017-07-07	44		2017-07-28	14											
5056776	Ops	BLG	840	EXCELSIOR ST	Lead	Lead	PEX	Copper	2016-12-09	2019-01-07	Yes		Emergency						2019-01-11	5														
5050504	Ops	A14_03	48	S 22ND ST R	Lead	PEX	PEX	Not Replaced	2016-12-12		No		Emergency						2017-07-12	4.4		2018-09-07	ND											
5051711	Ops	BLG	2612	STELLA ST	Lead	Lead	PEX	Copper	2016-12-28	2019-02-22	Yes		Emergency						2017-07-07	12														
5077031	Ops	BLG	2613	BRIGHTON RD	Lead	Lead	PEX	Copper	2017-01-04	2019-01-03	Yes		Emergency						2019-05-19	1.02														
5077296	Ops	BLG	1122	MARSHALL AVE	Lead	Lead	PEX	Copper	2017-01-06	2019-02-07	Yes		Emergency						2019-02-08	5.53														
5057646	Ops	A01_03	72	ESTELLA AVE	Lead	Copper	PEX	Not Replaced	2017-01-19		No		Emergency						2020-09-03	ND														
5058461	Ops	A02_02	406	BELONDA ST	Lead	Lead	PEX	Copper	2017-01-25	2018-04-19	Yes		Emergency						2017-11-01	4.2		2018-05-01	ND											
5065023	Ops	BLG	1406	LIVERPOOL ST	Lead	Lead	PEX	Copper	2017-01-26	2019-02-26	Yes		Emergency						2019-02-28	7.24														
5065024	Ops	BLG	1404	LIVERPOOL ST	Lead	Lead	PEX	Copper	2017-01-26	2019-02-26	Yes		Emergency						2017-07-10	7		2019-02-28	ND											
5055631	Ops	BLG	452	KATHLEEN ST	Lead	Lead	PEX	Copper	2017-02-01	2018-12-28	Yes		Emergency						2017-08-19	96		2018-12-31	8.9											
5061458	Ops	BLG	283	PAUL ST	Lead	Lead	PEX	Copper	2017-02-15	2019-01-15	Yes		Emergency						2019-06-06	6.65														
5080914	Ops	BLG	3707	ATKINS ST	Lead	Lead	PEX	Copper	2017-02-22	2019-02-26	Yes		Emergency						2019-04-22	ND														
5004773	Ops	BLG	514	CATO ST	Lead	Lead	PEX	Copper	2017-02-27	2019-01-28	Yes		Emergency						2017-07-07	15		2019-01-28	4.28											
5002046	Ops	BLG	278	LOMBARD ST	Lead	Lead	PEX	Copper	2017-02-28	2019-01-22	Yes		Emergency						2017-11-16	7		2019-02-09	1.97											
5077766	Ops	BLG	1433	ORCHLEE ST	Lead	Lead	PEX	Copper	2017-02-28	2019-01-24	Yes		Emergency						2017-07-19	91		2018-01-26	17		2019-01-25	9							
5046133	Ops	BLG	4213	SHIELDS ST	Lead	Lead	PEX	Not Replaced	2017-03-03		Yes		Emergency						2017-07-08	3.8														
5028108	Ops	BLG	6739	STANTON AVE	Lead	Lead	PEX	Not Replaced	2017-03-14		Yes		Emergency						2017-07-28	19														
5073633	Ops	BLG	2941	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2017-03-15	2019-01-29	Yes		Emergency						2019-02-02	2.74														
5009447	Ops	BLG	3636	MINTWOOD ST	Lead	Lead	PEX	Copper	2017-03-21	2019-01-08	Yes		Emergency						2019-01-09	ND														
5038503	Ops	BLG	6316	WALDRON ST	Lead	Lead	PEX	Copper	2017-04-04	2019-01-24	Yes		Emergency						2017-08-09	40		2019-01-25	2.3											
5042100	Ops		6612	KINSMAN RD	Lead	PEX	PEX	Not Replaced	2017-04-20		No		Emergency						2017-07-21	4.3														
5037668	Ops		5702	BEACON ST	Lead	Copper	Copper	Not Replaced	2017-05-03		No		Emergency						2017-08-30	5.7														
5046500	Ops	BLG	4315	GLADSTONE ST	Lead	Lead	PEX	Copper	2017-05-04	2019-01-25	Yes		Emergency						2019-02-07	1.62														
5042353	Ops	BLG	1750	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2017-05-09		No		Emergency						2018-01-01	2.6														
5059557	A01_03	A01_03	48	RUTH ST	Lead	Lead	PEX	Copper	2017-05-10	2018-05-24	Yes								2018-05-30	4.8		2018-06-22	10											
5056124	A01_03	A01_03	53	RUTH ST	Lead	Lead	PEX	Copper	2017-05-11	2018-05-11	Yes								2018-05-14	ND														
5050961	Ops	A14_03	2331	SARAH ST	Lead	Copper	PEX	Not Replaced	2017-05-11		No		Emergency						2018-01-14	2														
5059658	A01_03	A01_03	64	RUTH ST	Lead	Lead	PEX	Copper	2017-05-11	2018-05-09	Yes								2017-05-28	27		2017-06-06	13		2018-05-10	ND							
5005633	Ops	BLG	2916	WEBSTER AVE	Lead	Lead	PEX	Copper	2017-05-12	2019-01-11	Yes		Emergency						2019-01-12	ND														
5056111	A01_03	A01_03	77	RUTH ST	Lead	Lead	PEX	Copper	2017-05-15	2018-05-10	Yes								2017-05-20	19		2017-10-26	9.5		2018-05-20	ND							
5059560	A01_03	A01_03	54	RUTH ST	Lead	Lead	PEX	Copper	2017-05-15	2018-05-15	Yes								2017-05-16	110		2018-03-23	ND											
5056110	A01_03	A01_03	79	RUTH ST	Lead	Lead	PEX	Copper	2017-05-15	2018-05-10	Yes								2017-05-16	36		2017-06-07	42		2018-05-14	4.1							
5058598	A02_02	A02_02	43	NATCHEZ ST	Lead	Lead	PEX	Copper	2017-05-16	2018-05-01	Yes								2018-05-03	3.2														
5061522	A01_03	A01_03	148	RUTH ST	Lead	Lead	PEX	Not Replaced	2017-05-16		Yes								2017-07-19	53		2017-08-17	25											
5058599	A02_02	Private Reimbursement	223	NATCHEZ ST	Lead	Lead	PEX	Non-Lead	2017-05-16	2017-05-19	Yes								2017-06-07	62		2017-08-08	21		2018-02-28	29							
5058588	A02_02	A02_02	222	NATCHEZ ST	Lead	Lead	PEX	Not Replaced	2017-05-16		Yes								2017-05-16	5.3														
5059647	A01_03	A01_03	100	RUTH ST	Lead	Lead	PEX	Copper	2017-05-17	2018-05-09	Yes								2017-05-23	10		2018-05-29	ND											
5058521	A02_02	A02_02	313	NATCHEZ ST	Lead	Lead	PEX	Not Replaced	2017-05-17		Yes								2017-05-17	2.7														
5061517	A01_03	A01_03	138	RUTH ST	Lead	Lead	PEX	Copper	2017-05-18	2018-05-08	Yes								2017-05-22	100														
5061510	A01_03	A01_03	132	RUTH ST	Lead	Lead	PEX	Copper	2017-05-18	2018-05-08	Yes								2017-05-19	37														
5058515	A02_02	Private Reimbursement	331	NATCHEZ ST	Lead	Lead	PEX	Copper	2017-05-19	2017-06-05	Yes								2017-05-20	9.8														
5037952	Ops	Private Reimbursement	5407	GUARINO RD	Lead	Lead	PEX	Copper	2017-05-22	2017-08-28	Yes		Emergency						2017-05-25	36		2017-09-12	15		2018-02-07	8.9							
5058830	A02_02	A02_02	438	NATCHEZ ST	Lead	Lead	PEX	Copper	2017-05-23	2018-04-26	Yes								2017-05-24	34														

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5042383	ES_1	BLG	6538	DARLINGTON RD	Lead	Lead	PEX	Not Replaced	2017-05-24		Yes								2017-06-27	10													
5042371	ES_1	BLG	6511	DARLINGTON RD	Lead	Lead	PEX	Copper	2017-05-24	2018-12-31	Yes								2017-05-26	10		2019-01-02	ND										
5058926	A02_02	A02_02	222	PROSPECT ST	Lead	Lead	PEX	Copper	2017-05-25	2018-05-01	Yes								2020-01-03	ND													
5059564	A01_03	A01_03	116	TUSCOLA ST	Lead	Lead	PEX	Not Replaced	2017-05-25		Yes				2017-04-26	2017-06-05	190		2018-02-02	2													
5059563	A01_03	A01_03	112	TUSCOLA ST	Lead	Lead	PEX	Copper	2017-05-25	2018-05-14	Yes								2017-05-27	5.6		2018-05-16	5.6										
5059565	A01_03	A01_03	118	TUSCOLA ST	Lead	Lead	PEX	Copper	2017-05-25	2018-05-17	Yes								2017-05-27	71		2018-05-21	ND										
5039231	ES_1	B07_05_A	6357-6359	ALDERSON ST	Lead	Lead	PEX	Copper	2017-05-25	2019-11-04	Yes								2017-05-25	23		2017-06-08	13		2019-11-05	4.78						
5058928	A02_02	A02_02	226	PROSPECT ST	Lead	Lead	PEX	Not Replaced	2017-05-26		Yes								2017-05-30	1400		2017-06-06	610		2017-07-10	96		2018-02-03	47		2019-02-20	5.3	
5058930	A02_02	A02_02	234	PROSPECT ST	Lead	Lead	PEX	Not Replaced	2017-05-30		Yes								2017-06-04	11													
5037031	ES_1	BLG_01	5535	BARTLETT ST	Lead	Lead	PEX	Copper	2017-05-31	2019-04-23	Yes								2017-10-30	27		2017-11-19	ND		2019-04-24	7.08							
5018108	Ops	A07_07	148	HOME ST	Lead	Copper	PEX	Not Replaced	2017-05-31		No		Emergency						2018-07-30	ND													
5018105	Ops	A07_07	142	HOME ST	Lead	Copper	PEX	Not Replaced	2017-05-31		No		Emergency						2017-05-31	ND													
5059025	A02_02	A02_02	257	PROSPECT ST	Lead	Lead	PEX	Not Replaced	2017-06-01		Yes								2017-07-23	23													
5049684	Ops	A15_05_A	1038	WELFER ST	Lead	Copper	PEX	Not Replaced	2017-06-01		No		Emergency						2018-06-20	ND													
5060815	Ops	BLG	402-404	SWEETBRIAR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2017-06-02	2019-02-15	Yes		Emergency						2019-04-26	1.92													
5122587	Ops	BLG_02	1029	EVERGREEN AVENUE	Lead	Lead	PEX	Copper	2017-06-02	2020-02-17	Yes		Emergency						2017-09-25	37		2020-05-04	6.05										
5058891	A02_02	A02_02	511-513	NATCHEZ ST	Lead	Lead	PEX	Copper	2017-06-02	2018-05-08	Yes									190		2017-06-09	7.1										
5001227	Ops	BLG	1421	PENN AVE	Lead	Lead	PEX	Not Replaced	2017-06-06		Yes		Emergency						2017-06-09	230		2018-01-27	6.2										
5059356	Ops	A12_02	79	NORTON ST	Lead	Copper	PEX	Not Replaced	2017-06-20		No		Emergency						2018-06-11	12													
5057635	A01_03	A01_03	96	ESTELLA AVE	Lead	Copper	PEX	Not Replaced	2017-06-21		No									87			12										
5058934	Ops	A02_02	300	PROSPECT ST	Lead	Lead	PEX	Copper	2017-06-21	2018-05-02	Yes		Emergency						2017-07-18	130													
5065834	Ops	BLG_01	1226	MONTEREY ST	Lead	Lead	PEX	Not Replaced	2017-06-22		Yes		Emergency						2017-10-25	ND													
5058816	A02_02	A02_02	179	BELONDA ST	Lead	Copper	PEX	Not Replaced	2017-06-22		No								2017-06-27	5.4													
5018484	Ops		4521	BUTLER ST	Lead	Lead	PEX	Not Replaced	2017-06-22		Yes		Emergency						2017-06-23	ND		2017-06-24	ND		2017-06-25	2.5		2020-06-30	5.1				
5042710	Ops		6346	CROMBIE ST	Lead	Copper	PEX	Not Replaced	2017-06-23		No		Emergency						2017-07-03	23		2018-01-31	5.3										
5058813	A02_02	A02_02	185	BELONDA ST	Lead	Copper	PEX	Not Replaced	2017-06-26		No								2017-06-26	12													
5080514	Ops		3810	WEALTH ST	Lead	Copper	PEX	Not Replaced	2017-06-27		No		Emergency						2017-06-29	11													
5050570	Ops	A14_03	2330	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2017-06-27		No		Emergency						2018-10-09	ND													
5012416	Ops	Ops	5723	KENTUCKY AVE	Lead	Copper	PEX	Not Replaced	2017-07-05		No		Emergency						2018-08-22	ND													
5033349	Ops	BLG_01	7225	RACE ST	Lead	Lead	PEX	Copper	2017-07-12	2019-05-14	Yes		Emergency						2017-07-15	31		2017-07-26	24		2018-03-08	4		2019-05-20	7.25				
5051699	Ops		2609	STELLA ST	Lead	Copper	PEX	Not Replaced	2017-07-13		No		Emergency						2017-07-15	34													
5003596	Ops-Unlisted	BLG_02	2701	5TH AVE	Lead	Lead	PEX	Not Replaced	2017-07-13		Yes		Emergency						2017-07-14	12													
5071736	Ops		2451	SNYDER ST	Lead	Copper	PEX	Not Replaced	2017-07-14		No		Emergency						2017-07-14	200													
5018128	Ops	A07_07	140	47TH ST	Lead	Lead	PEX	Copper	2017-07-14	2018-08-23	Yes		Emergency						2017-08-03	19		2017-10-10	3.9										
5080504	Ops		3815	WEALTH ST	Lead	Copper	PEX	Not Replaced	2017-07-17		No		Emergency						2017-07-23	5.3													
5036554	Ops		1444	BEECHWOOD BLVD	Lead	PEX	PEX	Not Replaced	2017-07-17		No		Emergency						2017-07-21	3.4													
5081126	Ops	BLG	1128	HARVARD CIR	Lead	Lead	PEX	Copper	2017-07-19	2019-02-05	Yes		Emergency						2019-02-06	4.74													
5061204	A04_04	A04_04	607	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2017-07-19		No								2017-07-28	6.1													
5067719	Ops	BLG	1038	GOEHRING ST	Lead	Lead	PEX	Copper	2017-07-19	2019-01-29	Yes		Emergency						2017-07-22	47													
5061640	A04_04	A04_04	9	ARION ST	Lead	Unknown	PEX	Not Replaced	2017-08-01		Yes								2017-08-02	4.8													
5122671	Ops	BLG	920	HANSEN STREET	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2017-08-07	2019-02-28	Yes		Emergency						2019-03-02	31.4													
5037861	Ops		5870	HOBART ST	Lead	PEX	PEX	Not Replaced	2017-08-08		No		Emergency						2018-01-13	2													
5061666	A04_04	A04_04	666	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2017-08-09		No								2017-08-10	7.6													
5074364	A03_01	A03_01	27	RADIUM ST	Lead	Copper	PEX	Not Replaced	2017-08-16		No								2017-08-21	ND													
5004354	Ops	BLG_01	3317	NIAGARA ST	Lead	Lead	PEX	Not Replaced	2017-08-22		Yes		Emergency						2017-11-01	22		2017-12-02	9.1										
5031912	Ops	BLG	6939	CHAUCER ST	Lead	Copper	PEX	Not Replaced	2017-08-23		No		Emergency						2017-09-25	ND													
5058900	Ops	BLG_01	110	WILBERT ST	Lead	Lead	PEX	Copper	2017-08-24	2019-06-25	Yes		Emergency						2017-08-28	28		2017-10-04	8.9		2019-08-12	ND							
5014716	Ops		4811	CYPRESS ST	Lead	Copper	PEX	Not Replaced	2017-08-24		No		Emergency						2017-08-26	5.6													
5038329	A05_05	A05_05	5842	PHILLIPS AVE	Lead	Lead	PEX	Copper	2017-08-24	2018-05-03	Yes								2017-08-25	53													
5079001	Ops	B13_01_C	1097	WOODS RUN AVE	Lead	Unknown	PEX	Not Replaced	2017-08-25		Yes		Emergency						2017-08-27	11													
5060537	Ops	BLG	320	SWEETBRIAR ST	Lead	Lead	PEX	Not Replaced	2017-08-29		Yes		Emergency						2017-08-30	230		2017-11-07	2.4										
5038429	A05_05	A05_05	5936	PHILLIPS AVE	Lead	Lead	PEX	Copper	2017-08-30	2018-04-26	Yes								2018-04-03	ND													
5006743	A06_06	A06_06	3487	MILWAUKEE ST	Lead	Copper	PEX	Not Replaced	2017-08-31		No								2017-09-01	10													
5028089	Ops	BLG	1225	WINTERTON ST	Lead	Lead	PEX	Copper	2017-09-05	2019-01-22	Yes		Emergency						2017-09-15	15		2018-08-22	16		2019-01-27	4.82							
5038253	A05_05	A05_05	2304	ELDRIDGE ST	Lead	Lead	PEX	PEX	2017-09-06	2017-09-06	No								2017-11-21	ND													
5038271	A05_05	A05_05	2307	ELDRIDGE ST	Lead	Lead	PEX	Copper	2017-09-06	2018-05-15	Yes								2017-09-20	51		2017-10-30	26		2018-10-10	ND							
5006750	A06_06	A06_06	3455	MILWAUKEE ST	Lead	Copper	PEX	Not Replaced	2017-09-06		No								2017-09-11	3.4													
5007045	A06_06	A06_06	816	ADELAIDE ST	Lead	Copper	PEX	Not Replaced	2017-09-08		No									10													
5038266	A05_05	A05_05	2319	ELDRIDGE ST	PEX	Lead	PEX	Copper	2017-09-11	2018-05-18	Yes								2017-09-20	29		2017-10-24	22		2018-07-30	2.4							
5038859	A05_05	A05_05	2340	ELDRIDGE ST	Lead	Lead	PEX	Not Replaced	2017-09-12		Yes								2018-04-12	2.9													
5025170	Ops	BLG	5575	HAMPTON ST	Lead	Lead	PEX	Not Replaced	2017-09-12		Yes		Emergency						2017-09-13	2200		2017-09-29	17		2018-01-26	9							
5038882	A05_05	A05_05	2339	ELDRIDGE ST	Lead	Lead	PEX	Copper	2017-09-13	2018-05-11	Yes								2017-10-01	24		2018-05-29	31		2018-08-14	9.5							
5067576	Ops	BLG	1518	COMPROMISE ST	Lead	Lead	PEX	Copper	2017-09-14	2018-12-18	Yes		Emergency						2018-12-19	ND													
5079482	Ops		3126	FREDERICK ST	Lead	Copper	PEX	Not Replaced	2017-09-14		No		Emergency						2017-09-17	43		2017-10-10	ND										
5012191	Ops	BLG	330	HAILMAN ST	Lead	Lead	PEX	Not Replaced	2017-09-15		Yes		Emergency						2017-09-22	8.8													
5036715	Ops		5639	MARLBOROUGH RD	Lead	Copper	PEX	Not Replaced	2017-09-18		No		Emergency						2017-11-26	10													
5038860	A05_05	A05_05	2342	ELDRIDGE ST	Lead	Lead	PEX	Not Replaced	2017-09-18		Yes								2017-10-05	3.7													
5041887	Ops		314	S LEXINGTON AVE	Lead	Copper	PEX	Not Replaced	2017-09-18		No		Emergency						2017-09-26	4.7													
5048649	Ops	BLG	231	WINSTON ST	Lead	Lead	PEX	Copper	2017-09-25	2019-02-08	Yes		Emergency						2019-03-28	ND													
5020739	Ops		5549	CAMELIA ST	Lead	Copper	PEX	Not Replaced	2017-09-25		No		Emergency						2017-10-03	ND													
5014180	Ops		344	W PENN PL	Lead	PEX	PEX	Not Replaced	2017-09-26		No		Emergency						2017-09-28	25													
5006752	A06_06	A06_06	3451	MILWAUKEE ST	Lead	Lead	PEX	Copper	2017-09-26	2018-06-07	Yes				2017-09-22	2017-10-05	740		2017-09-27	110		2017-09-28	7.5		2017-10-10	7.9							
5019680	Ops	Private Reimbursement	5205	PENN AVE	Lead	Lead	PEX	Copper	2017-09-26	2017-09-27	Yes		Emergency						2017-09-27	22		2017-10-26	11										
5006873	A06_06	A06_06	3376	WEBSTER AVE	Lead	Lead	PEX	Copper	2017-09-26	2018-06-06	Yes								2017-09-26	810		2017-09-28	1500		2017-09-29	86		2017-10-18	80		2018-01-28	9.8	
5006892	A06_06	A06_06	3365	WEBSTER AVE	Lead	Lead	PEX	Copper	2017-09-27	2018-05-10	Yes				2017-09-23	2017-10-05	32		2017-09-28	38		2017-09-28	15		2017-10-18	3.2							
5006889	A06_06	A06_06	3367	WEBSTER AVE	Lead	Lead	PEX	Copper	2017-09-27	2018-05-24	Yes				2017-09-21	2017-10-03	44		2017-09-28	5.6		2017-09-30	30		2017-10-18	2.2		2018-05-25	4				
5012202	Ops-Unlisted	BLG_02	342	DENNISTON AVE	Copper	Lead	PEX	Not Replaced	2017-09-27		Yes		Emergency						2017-09-28	ND													
5006890	A06_06	A06_06	3369	WEBSTER AVE	Lead	Lead	PEX	Copper	2017-09-27	2018-05-24	Yes								2017-09-28	5.4		2017-10-04	7.2		2017-10-19	ND							
5006891	A06_06	A06_06	3363	WEBSTER AVE	Lead	Lead	PEX	Copper	2017-09-27	2018-05-25	Yes								2017-09-28	9.8		2017-09-28	30										
5038336	Ops	A05_05	5870	PHILLIPS AVE	Lead	Lead	PEX	Copper	2017-09-27	2018-05-03	Yes		Emergency		2017-08-24	2017-09-20	1400		2017-09-29	700		2017-11-16	9										
5037167	Ops		1807	WIGHTMAN ST	Lead	Non-Lead	PEX	Not Replaced	2017-09-28		No		Emergency						2018-03-21	7.5													
5078151	Ops	BLG	3406	GASS AVE	Lead	Lead	PEX	Copper	2017-10-02	2019-02-22	Yes		Emergency						2017-11-07	21		2017-12-04	12										
5038904	A05_05	A05_05	2365	SHERBROOK ST	Lead	Copper	PEX	Not Replaced	2017-10-02		No								2017-10-04	7.3													
5038907	A05_05	A05_05	2355	SHERBROOK ST	Lead	Copper	PEX	Not Replaced	2017-10-02		No								2017-10-02	3.2													
5038293	A05_05	A05_05	2314	PITTOCK ST	Lead	Copper	PEX	Not Replaced	2017-10-03		No								2023-10-15	ND													
5018501	Ops-Unlisted		181	46TH ST	Lead	Copper	PEX	Not Replaced	2017-10-03		No		Emergency						2017-10-06	ND													
5052645	Ops	BLG	3227	JOSEPHINE ST	Lead	Lead	PEX	Not Replaced	2017-10-04		Yes		Emergency						2017-10-08	15		2017-11-06	ND										
5038880	A05_05	Private Reimbursement	2343	ELDRIDGE ST	Lead	Lead	PEX	Non-Lead	2017-10-05	2017-10-20	Yes								2017-10-19	35		2017-11-04	8.8										
5038933	A05_05	A05_05	2331	PITTOCK ST	Lead	Lead	PEX	PEX	2017-10-05	2017-10-05	No								2017-10-11	ND													
5012400	Ops	A18_08	5726	HOWE ST	Lead	Lead	PEX	Copper	2017-10-05	2018-11-19	Yes		Emergency						2017-10-08	240		2017-10-18	4.1		2018-11-21	ND							
5074218	Unknown	BLG_02	2540	SPRING GARDEN AVE	Lead	Unknown	PEX	Not Replaced	2017-10-07		Yes								2017-10-10	4.6													
5035607	Ops		813	HASTINGS ST	Lead	PEX	PEX	Not Replaced	2017-10-11		No		Emergency						2018-04-10	2.4													
5074175	Ops		2728	SPRING GARDEN AVE	Lead	Copper	PEX	Not Replaced	2017-10-13		No		Emergency						2017-10-13	12													
5046586	Ops	BLG	356	BIGELOW ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2017-10-14	2019-02-25	Yes		Emergency						2019-07-08	ND													
5041472	Ops		111	S LEXINGTON AVE	Lead	Copper	PEX	Not Replaced	2017-10-19		No		Emergency		2017-10-17	2017-10-26	330		2018-03-16	2.1													
5077245	Ops		1215	HODGKISS ST	Lead	Copper	PEX	Not Replaced	2017-10-19		No		Emergency						2017-10-24	4.8													
5022553	Ops	BLG	5419	BUTLER ST	Lead	Copper	PEX	Not Replaced	2017-10-21		No		Emergency						2017-10-25	36													
5022075	Ops	A17_07	1029	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2017-10-23		No		Emergency						2017-10-29	ND		2018-10-31	ND										
5004619	Ops		3387	PARKVIEW AVE	Lead	Copper	PEX	Not Replaced	2017-10-24		No		Emergency						2017-11-17	ND													
5019870	Ops		5232	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2017-10-24		No		Emergency						2017-10-25	7.6													
5033824	Susquehanna Street Relay	BLG	7230	SUSQUEHANNA ST	Lead	Lead	PEX	Copper	2017-10-25	2019-02-02	Yes								2018-03-20	5.7		2019-02-03	12.4										
5033807	Susquehanna Street Relay		7239 1/2	SUSQUEHANNA ST	Lead	Copper	Non-Lead	Not Replaced	2017-10-26		No									23													
5043806	Ops	BLG	405	E END AVE	Lead	Lead	PEX	Copper	2017-10-30	2018-12-26	Yes		Emergency						2019-01-06	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5043807	Ops	BLG	407	E END AVE	Lead	Lead	PEX	Copper	2017-10-30	2018-12-26	Yes		Emergency						2018-12-27	ND													
5003476	WR	BLG	340	S BOUQUET ST	Lead	Lead	Non-Lead	Not Replaced	2017-10-30		Yes								2017-10-31	2.3		2017-11-02	3		2017-11-04	ND		2017-11-29	ND				
5034847	Ops		5411	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2017-10-31		No		Emergency						2018-08-24	ND													
5003569	WR	BLG	337	S BOUQUET ST	Lead	Lead	Non-Lead	Copper	2017-10-31	2019-01-23	Yes								2017-11-17	7.1													
5033820	Susquehanna Street Relay		7222	SUSQUEHANNA ST	Lead	Copper	Non-Lead	Not Replaced	2017-10-31		No									ND													
5033813	Susquehanna Street Relay	BLG	7215	SUSQUEHANNA ST	Lead	Lead	Non-Lead	Not Replaced	2017-11-01		Yes								2019-07-17	2.6													
5003468	WR	BLG_01	322	S BOUQUET ST	Lead	Lead	Non-Lead	Not Replaced	2017-11-01		Yes								2017-11-06	13													
5003467	WR		320	S BOUQUET ST	Lead	Copper	Non-Lead	Not Replaced	2017-11-01		No								2017-11-06	5.1		2017-11-08	4.1										
5037424	Ops		6315	BARTLETT ST	Lead	Copper	PEX	Not Replaced	2017-11-01		No		Emergency						2017-11-02	7.8													
5033814	Susquehanna Street Relay		7217	SUSQUEHANNA ST	Lead	Copper	Non-Lead	Not Replaced	2017-11-01		No									2													
5033819	Susquehanna Street Relay	BLG	7220	SUSQUEHANNA ST	Lead	Lead	Non-Lead	Copper	2017-11-02	2019-01-04	Yes								2017-11-03	19													
5046076	Ops	BLG	4122	LYDIA ST	Lead	Lead	PEX	Not Replaced	2017-11-07		Yes		Emergency						2018-01-23	ND													
5022195	Ops	BLG	1200	JANCEY ST	Lead	Copper	PEX	Not Replaced	2017-11-07		No		Emergency						2017-11-09	ND													
5021976	Ops	BLG	1201	JANCEY ST	Lead	Lead	PEX	Not Replaced	2017-11-08		Yes		Emergency						2017-12-09	5.1													
5044401	Ops		1207	TREVANION AVE	Lead	Copper	PEX	Not Replaced	2017-11-08		No		Emergency						2017-11-11	130		2017-12-06	13										
5030600	Ops	BLG	6733	FRANKSTOWN AVE	Lead	Copper	PEX	Not Replaced	2017-11-09		No		Emergency						2017-11-17	3.1													
5018368	Ops	BLG	164	45TH ST	Lead	Lead	PEX	Not Replaced	2017-11-30		Yes		Emergency						2018-05-02	ND													
5045332	Ops	BLG	4102 1/2	LYDIA ST	Lead	Lead	PEX	Not Replaced	2017-12-07		Yes		Emergency						2018-01-13	12													
5039496	Ops	BLG	6360	BURCHFIELD AVE	Lead	Lead	Copper	Copper	2017-12-07	2019-01-18	Yes		Emergency						2017-12-11	35		2018-07-12	32		2019-01-23	1.7							
5022270	Ops	BLG_01	1015	JANCEY ST	Lead	Lead	PEX	Not Replaced	2017-12-13		Yes		Emergency						2018-08-17	6.3													
5070810	Ops	BLG	1417	SANDUSKY ST	Lead	Lead	PEX	Copper	2017-12-14	2019-02-05	Yes		Emergency						2017-12-16	7.5		2019-02-18	ND										
5070809	Ops	BLG	1415	SANDUSKY ST	Lead	Lead	PEX	Copper	2017-12-14	2019-02-05	Yes		Emergency						2017-12-16	40		2019-08-13	ND										
5028199	Ops	Private Reimbursement	1126	WINTERTON ST	Lead	Lead	PEX	Copper	2017-12-17	2018-04-25	Yes		Emergency						2017-12-19	84		2018-04-25	4.2										
5047723	Ops	BLG	255	FLOWERS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2017-12-19	2019-01-19	Yes		Emergency						2017-12-21	4.5													
5037484	Ops		5526	BARTLETT ST	Lead	Copper	PEX	Not Replaced	2017-12-19		No		Emergency						2017-12-20	ND													
5039484	Ops		6339	MONITOR ST	Lead	Copper	PEX	Not Replaced	2017-12-19		No		Emergency						2017-12-20	34		2018-02-01	6.1		2018-05-28	9.3							
5051883	Ops	BLG_01	2112	SALISBURY ST	Lead	Lead	PEX	Copper	2017-12-20	2019-08-30	Yes		Emergency						2019-09-02	5.31													
5067335	Ops	BLG	910	PERALTA ST	Lead	Lead	PEX	Copper	2017-12-20	2019-01-15	Yes		Emergency						2017-12-20	69		2018-07-06	ND										
5011967	Ops	A18_08	5807	WALNUT ST	Lead	Lead	PEX	Copper	2017-12-21	2018-10-26	Yes		Emergency						2017-12-22	ND		2018-09-03	7		2018-10-29	1.4							
5037482	Ops	BLG	5532	BARTLETT ST	Lead	Lead	PEX	Copper	2017-12-22	2018-12-17	Yes		Emergency						2017-12-25	2.3		2018-12-24	ND										
5035266	Ops	BLG_01	616	HASTINGS ST	Lead	Lead	PEX	Copper	2017-12-27	2019-06-21	Yes		Emergency						2019-07-10	1.85													
5045601	Ops		754	GREENFIELD AVE	Lead	Copper	PEX	Not Replaced	2017-12-28		No		Emergency						2017-12-28	250													
5071031	Ops	A16_06	323	JACKSONIA ST	Lead	Lead	PEX	Copper	2017-12-28	2019-01-02	Yes		Emergency						2018-01-01	3.7													
5016844	Ops	BLG	348	45TH ST	Lead	Lead	PEX	Not Replaced	2018-01-04		Yes		Emergency						2018-01-06	2													
5036470	Ops	BLG	5825	NORTHUMBERLAND ST	Lead	Lead	PEX	Not Replaced	2018-01-12		Yes		Emergency						2018-01-12	1000		2018-02-13	17										
5122102	Ops	A10_M	123	BECKERT STREET	Lead	Copper	PEX	Not Replaced	2018-01-15		No		Emergency						2018-01-15	3.3													
5017527	Ops	BLG	4042	CABINET ST	Lead	Lead	PEX	Copper	2018-01-17	2018-12-21	Yes		Emergency						2018-01-23	76		2018-06-29	6										
5060693	Ops	BLG	142	COHASSET ST	Lead	Lead	PEX	Copper	2018-01-20	2018-12-07	Yes		Emergency						2018-12-29	ND													
5060698	Ops	BLG	130	COHASSET ST	Lead	Lead	PEX	Copper	2018-01-20	2018-12-07	Yes		Emergency						2018-01-20	770		2018-02-02	2.5		2018-12-10	4.5							
5056147	Ops	BLG	105	KATHLEEN ST	Lead	Lead	PEX	Copper	2018-01-24	2019-03-11	Yes		Emergency						2018-01-27	26		2018-09-25	20		2019-03-12	7.69							
5122143	Ops	A10_M	305	COLTON ST	Lead	Lead	Copper	Not Replaced	2018-01-25		Yes		Emergency						2018-02-02	2													
5068530	Ops	BLG	1911	ROCKLEDGE ST	Lead	PEX	PEX	Not Replaced	2018-01-26		No		Emergency						2018-01-26	780		2018-02-08	ND										
5008899	Ops		183	35TH ST	Lead	Copper	PEX	Not Replaced	2018-01-30		No		Emergency						2018-02-09	ND													
5122038	Ops	BLG_01	867	RESERVE STREET	Lead	Lead	PEX	Not Replaced	2018-02-06		Yes		Emergency						2019-02-15	ND													
5005451	Ops	BLG	2605 1/2	WEBSTER AVE	Lead	Lead	PEX	Copper	2018-02-07	2019-01-11	Yes		Emergency						2019-01-11	ND													
5012968	Ops	BLG	4744	JUNIPER ST	Lead	Lead	PEX	Copper	2018-02-07	2018-12-10	Yes		Emergency						2018-12-17	ND													
5071011	Ops		1405	BUENA VISTA ST	Lead	Copper	PEX	Not Replaced	2018-02-07		No		Emergency						2018-08-21	2.9													
5078744	Ops		3531	DIPLOMA ST	Lead	Copper	PEX	Not Replaced	2018-02-09		No		Emergency						2018-03-16	2.1													
5043814	Ops		7712	WAVERLY ST	Lead	Copper	PEX	Not Replaced	2018-02-13		No		Emergency						2018-02-22	11													
5076616	Ops	BLG	2819	BREKER ST	Lead	Lead	PEX	Copper	2018-02-14	2019-02-15	Yes		Emergency						2019-02-27	1.53													
5031398	Ops	BLG	1330	OLIVANT ST	Lead	Lead	PEX	Copper	2018-02-14	2019-02-27	Yes		Emergency						2018-03-12	15		2019-02-27	ND										
5068708	Ops	BLG_01	1225	HASLAGE AVE	Lead	Lead	PEX	Not Replaced	2018-02-19		Yes		Emergency						2018-02-20	28													
5022480	Ops		5416 1/2	DRESDEN WAY	Lead	PEX	PEX	Not Replaced	2018-02-21		No		Emergency						2018-02-24	21													
5013696	Ops	BLG	5324	CORAL ST	Lead	Lead	PEX	Copper	2018-02-23	2019-01-11	Yes		Emergency						2018-02-28	6.8		2019-01-12	ND										
5037870	Ops	BLG	5919	DOUGLAS ST	Lead	Lead	PEX	Not Replaced	2018-02-23		Yes		Emergency						2018-02-26	20		2018-06-20	18										
5010057	Ops	BLG	5438	CLAYBOURNE ST	Lead	Lead	PEX	Not Replaced	2018-02-26		Yes		Emergency						2018-03-19	12		2018-03-31	2.3										
5048257	Ops	BLG	5126	CHAPLAIN WAY	Lead	Lead	PEX	Copper	2018-02-28	2018-12-11	Yes		Emergency						2018-03-24	5		2018-12-13	ND										
5071030	Ops		325	JACKSONIA ST	Lead	Copper	PEX	Not Replaced	2018-03-06		No	Yes	Emergency						2018-03-07	6.8													
5072912	Ops	BLG	6	MAUCH ST	Lead	Lead	PEX	Copper	2018-03-07	2018-12-13	Yes		Emergency						2018-03-10	20													
5002842	Ops	BLG	221	DUNSEITH ST	Lead	Lead	PEX	Copper	2018-03-13	2018-12-06	Yes		Emergency						2018-03-13	30		2018-06-20	4										
5024428	Ops	BLG	1627	CHISLETT ST	Lead	Lead	PEX	Copper	2018-03-14	2018-12-04	Yes		Emergency						2018-03-15	5.4		2019-01-15	2.1										
5058007	Ops	BLG	300	BIGHAM ST	Lead	Lead	PEX	Copper	2018-03-15	2019-01-29	Yes		Emergency						2019-02-25	ND													
5021212	Ops		5328	CAMELIA ST	Lead	Copper	PEX	Not Replaced	2018-03-15		No		Emergency						2018-03-16	7.1													
5030285	Ops		6637	SHETLAND AVE	Lead	Copper	Copper	Not Replaced	2018-03-15		No		Emergency						2018-03-16	2													
5045998	Ops		4308	HALDANE ST	Lead	Copper	PEX	Not Replaced	2018-03-20		No		Emergency						2018-03-20	290		2018-04-11	ND										
5055179	Ops	BLG	1835	ARLINGTON AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2018-03-23	2019-02-05	Yes		Emergency						2019-02-07	1.39													
5037540	Ops		5448	BARTLETT ST	Lead	Copper	PEX	Not Replaced	2018-03-23		No		Emergency						2018-04-24	5.3													
5061404	Ops		239	ALBERT ST	Lead	Copper	PEX	Not Replaced	2018-03-23		No		Emergency						2018-03-23	2													
5024294	Ops	A17_07	1433	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-03-24		No		Emergency						2018-11-01	ND													
5074709	A03_01	A03_01	202	BONVUE ST	Lead	Lead	PEX	Not Replaced	2018-03-29		Yes								2018-03-29	480		2018-04-15	3.7										
5074710	A03_01	A03_01	204	BONVUE ST	Lead	Lead	PEX	Not Replaced	2018-03-30		Yes								2018-07-31	15		2019-10-31	13.4		2020-01-24	10							
5058500	A02_02	A02_02	307	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-02	2018-04-02	No								2018-04-04	2.4													
5058501	A02_02	A02_02	305	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-02	2018-04-02	No								2018-04-04	4.4													
5028115	Ops	Private Reimbursement	1212	N SHERIDAN AVE	Lead	Lead	Copper	Copper	2018-04-02	2018-05-10	Yes		Emergency						2018-04-03	ND													
5074435	A03_01	A03_01	111	BONVUE ST	Lead	Lead	PEX	Copper	2018-04-05	2018-04-05	No								2018-04-14	ND													
5074409	A03_01	A03_01	105	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-05	2018-04-05	No								2018-04-06	8.8													
5074735	A03_01	A03_01	203	BONVUE ST	Lead	Lead	PEX	Copper	2018-04-05	2018-04-05	No								2018-04-05	6.4													
5014403	Ops		357	S GRAHAM ST	Lead	PEX	PEX	Not Replaced	2018-04-06		No		Emergency						2018-04-17	ND													
5074697	A03_01	A03_01	229	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-09	2018-04-09	No								2018-04-14	ND													
5074704	A03_01	A03_01	115	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-09	2018-04-09	No								2018-04-11	ND													
5058491	A02_02	A02_02	312	BELONDA ST	Lead	Lead & Galvanized	PEX	Copper	2018-04-10	2018-04-10	No								2018-06-10	5.4													
5074733	A03_01	A03_01	211	BONVUE ST	Lead	Lead	PEX	Copper	2018-04-10	2018-04-10	No								2018-05-01	ND													
5074694	A03_01	A03_01	239	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-10	2018-04-10	No								2018-04-25	6.9													
5028197	Ops		1130	WINTERTON ST	Lead	Copper	PEX	Not Replaced	2018-04-10		No		Emergency						2018-04-11	6													
5058801	A02_02	A02_02	468	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-10	2018-04-10	No								2018-04-11	ND													
5074685	A03_01	A03_01	204	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-11	2018-04-11	No								2018-04-14	ND													
5058811	A02_02	A02_02	189	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-12	2018-04-12	No								2018-04-12	16													
5058536	A02_02	A02_02	331	KEARSARGE ST	Lead	Lead	PEX	Copper	2018-04-13	2018-04-13	No								2018-04-19	ND													
5074695	A03_01	A03_01	241	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-16	2018-04-16	No								2018-05-02	11													
5058812	A02_02	A02_02	187	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-16	2018-04-16	No								2018-04-20	4.9													
5074708	A03_01	A03_01	120	BONVUE ST	Lead	Lead	PEX	Copper	2018-04-16	2018-04-16	No								2018-04-19	ND													
5074419	A03_01	A03_01	28	BONVUE ST	Lead	Lead	PEX	Copper	2018-04-16	2018-04-16	No								2018-04-17	4.8													
5036044	Ops		1325	SHADY AVE	Lead	Copper	PEX	Not Replaced	2018-04-17		No		Emergency						2018-04-19	8.6													
5074686	A03_01	A03_01	200	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-18	2018-04-18	No								2018-07-22	4.8													
5004052	Ops		5	OAKLAND SQ	Lead	PEX	PEX	Not Replaced	2018-04-18		No		Emergency						2018-04-26	3.4													
5013622	Ops	BLG	258	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2018-04-18	2019-01-28	Yes		Emergency						2018-04-21	23		2019-02-02	2.03										
5058892	A02_02	A02_02	123	WILBERT ST	Lead	Lead	PEX	Copper	2018-04-19	2018-04-19	No								2018-06-20	ND													
5011433	Ops	BLG	248	SPAHR ST	Lead	Lead	PEX	Copper	2018-04-20	2018-12-13	Yes		Emergency						2018-04-24	30		2018-10-03	5.6		2018-12-17	4.4							
5058440	A02_02	A02_02	4	LOWEN ST	Lead	Lead	PEX	Copper	2018-04-20	2018-04-20	No								2018-04-23	220		2018-05-07	ND										
5075735	A03_01	A03_01	4063	GRIZELLA ST	Lead	Copper	PEX	Not Replaced	2018-04-23		No								2018-04-24	ND													
5058815	A02_02	A02_02	181	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-23	2018-04-23	No								2018-04-23	5.1													
5058807	A02_02	A02_02	479	BELONDA ST	Lead	Lead	PEX	Copper	2018-04-24	2018-04-24	No								2018-04-24	12													
5049657	Ops	A15_05_A	909	KENNEBEC ST	Lead	PEX	PEX	Not Replaced	2018-04-25		No		Emergency						2018-05-21	22													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5074382	A03_01	A03_01	34	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-25	2018-04-25	No								2018-04-27	2.2													
5074372	A03_01	A03_01	100	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-25	2018-04-25	No								2018-04-26	2.1													
5075527	A03_01	A03_01	114	MONTANA ST	Lead	Lead	PEX	Copper	2018-04-25	2018-04-25	No								2018-04-26	ND													
5074378	A03_01	A03_01	42	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-26	2018-04-26	No								2018-04-27	ND													
5074380	A03_01	A03_01	38	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-26	2018-04-26	No								2018-04-27	ND													
5075752	A03_01	A03_01	112	RUTLAND ST	Lead	Unknown	PEX	Copper	2018-04-26	2018-04-26	No								2018-04-27	45													
5038415	A05_05	A05_05	5907	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-04-27	2018-04-27	No								2018-06-28	ND													
5075747	A03_01	A03_01	4052	GRIZELLA ST	Lead	Lead	PEX	Copper	2018-04-27	2018-04-27	No								2018-05-09	2.3													
5010271	Ops		4747	BAYARD ST	Lead	Copper	PEX	Not Replaced	2018-04-27		No		Emergency						2018-05-03	30													
5038425	A05_05	A05_05	5924	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-04-27	2018-04-27	No								2018-04-28	ND													
5074377	A03_01	A03_01	44	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-27	2018-04-27	No								2018-04-28	11													
5074381	A03_01	A03_01	36	WALDORF ST	Lead	Lead	PEX	Copper	2018-04-30	2018-04-30	No								2018-05-03	ND													
5075706	A03_01	A03_01	10	RADIUM ST	Lead	Lead	PEX	Copper	2018-04-30	2018-04-30	No								2018-05-02	ND													
5038423	A05_05	A05_05	5920	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-04-30	2018-04-30	No								2018-04-30	ND													
5074702	A03_01	A03_01	205	WALDORF ST	Lead	Lead	PEX	Copper	2018-05-01	2018-05-01	No								2018-05-10	ND													
5075704	A03_01	A03_01	6	RADIUM ST	Lead	Lead	PEX	Copper	2018-05-01	2018-05-01	No								2018-05-02	930													
5038411	A05_05	A05_05	5923	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-02	2018-05-02	No								2018-12-29	2.9													
5038428	A05_05	A05_05	5932-5934	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-02	2018-05-02	No								2018-05-07	2.9													
5067080	Ops		612	SUISMON ST	Lead	Copper	PEX	Not Replaced	2018-05-02		No		Emergency						2018-05-03	2.7													
5052816	Ops		53	S 5TH ST	Lead	Copper	PEX	Not Replaced	2018-05-03		No		Emergency						2018-05-06	7.8													
5038326	A05_05	A05_05	5832	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-04	2018-05-04	No								2018-06-02	ND													
5038327	A05_05	A05_05	5834-5836	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-04	2018-05-04	No								2018-05-08	ND													
5038332	A05_05	A05_05	5854	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-04	2018-05-04	No								2018-05-08	16													
5075711	A03_01	A03_01	28	RADIUM ST	Lead	Lead	PEX	Copper	2018-05-04	2018-05-04	No								2018-05-05	ND													
5038322	A05_05	A05_05	5816	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-08	2018-05-08	No								2018-05-11	ND													
5038412	A05_05	A05_05	5919	PHILLIPS AVE	Lead	Lead	PEX	Not Replaced	2018-05-09		Yes								2018-06-10	26		2019-03-10	4.17										
5038427	A05_05	A05_05	5928-5930	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-09	2018-05-09	No								2018-05-12	2.2													
5038408	A05_05	A05_05	5933	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-09	2018-05-09	No								2018-05-11	ND													
5075709	A03_01	A03_01	20	RADIUM ST	Lead	Copper	PEX	Not Replaced	2018-05-09		No								2018-05-11	ND													
5048002	Ops	BLG	126	TIPTON ST	Lead	Lead	PEX	Copper	2018-05-11	2019-03-07	Yes		Emergency						2018-12-13	28		2019-03-11	2.02										
5013145	Ops		4701 1/2	LORIGAN ST	Lead	Copper	PEX	Not Replaced	2018-05-11		No		Emergency						2018-05-17	ND													
5006851	A06_06	A06_06	3322	WEBSTER AVE	Lead	Lead	PEX	Copper	2018-05-11	2018-05-11	No								2018-05-14	7.8													
5016127	Ops	BLG	245	45TH ST	Lead	Lead	PEX	Copper	2018-05-14	2018-12-14	Yes		Emergency						2018-07-31	4.4		2018-12-17	ND										
5038884	A05_05	A05_05	2335	ELDRIDGE ST	Lead	Lead	PEX	Copper	2018-05-15	2018-05-15	No				2018-03-14	2018-03-27	360		2018-06-13	18													
5006863	A06_06	A06_06	3352	WEBSTER AVE	Lead	Lead	PEX	Copper	2018-05-16	2018-05-16	No								2018-05-30	ND													
5009264	Ops		3606	BANDERA ST	Lead	Copper	PEX	Not Replaced	2018-05-17		No		Emergency						2018-06-04	20													
5038413	A05_05	A05_05	5915	PHILLIPS AVE	Lead	Lead	PEX	Copper	2018-05-17	2018-05-17	No								2018-05-19	4.8													
5006909	A06_06	A06_06	3332	MCNEIL PL	Lead	Lead	PEX	Copper	2018-05-21	2018-05-21	No								2018-05-22	ND													
5053000	Ops		20	S 14TH ST	Lead	Copper	PEX	Not Replaced	2018-05-22		No		Emergency						2018-12-29	ND													
5006847	A06_06	A06_06	3310	WEBSTER AVE	Lead	Lead	PEX	Copper	2018-05-22	2018-05-22	No								2018-10-09	ND													
5042179	Ops		7416	BEN HUR ST	Lead	Copper	PEX	Not Replaced	2018-05-22		No		Emergency						2018-05-31	ND													
5006878	A06_06	A06_06	3395	WEBSTER AVE	Lead	Lead	PEX	Copper	2018-05-22	2018-05-22	No								2018-05-29	4.6													
5038269	A05_05	A05_05	2311	ELDRIDGE ST	Lead	Lead	PEX	Copper	2018-05-22	2018-05-22	No								2018-05-26	15		2018-05-26	4										
5038284	A05_05	A05_05	2309	SHERBROOK ST	Lead	Lead	PEX	Copper	2018-05-23	2018-05-23	No								2018-06-02	73													
5057721	A01_03	A01_03	404	KINGSBORO ST	Lead	Lead	PEX	Copper	2018-05-23	2018-05-23	No								2018-05-24	ND													
5056448	A01_03	A01_03	438	EDGEMONT ST	Lead	Lead	PEX	Copper	2018-05-23	2018-05-23	No								2018-05-23	18													
5038914	A05_05	A05_05	2329	SHERBROOK ST	Lead	Lead	PEX	Copper	2018-05-24	2018-05-24	No								2018-07-28	4													
5042175	Ops	BLG	7419	BEN HUR ST	Lead	Lead	PEX	Copper	2018-05-24	2018-12-04	Yes		Emergency						2018-05-30	22		2018-08-08	30		2018-12-05	ND						
5056442	A01_03	A01_03	429	EDGEMONT ST	Lead	Lead	PEX	Copper	2018-05-25	2018-05-25	No								2018-05-29	ND													
5043702	Ops		7440	BEN HUR ST	Lead	Copper	Copper	Not Replaced	2018-05-25		No		Emergency						2018-05-25	24													
5038895	A05_05	A05_05	2342	SHERBROOK ST	Lead	Lead	PEX	Copper	2018-05-29	2018-05-29	No								2018-07-28	9													
5006896	A06_06	A06_06	3349	WEBSTER AVE	Lead	Lead	PEX	Copper	2018-05-29	2018-05-29	No								2018-05-30	24													
5057693	A01_03	A01_03	411	EDGEMONT ST	Lead	Lead	PEX	Copper	2018-05-29	2018-05-29	No								2018-05-30	ND													
5057712	A01_03	A01_03	413	KINGSBORO ST	Lead	Lead	PEX	Copper	2018-05-30	2018-05-30	No								2018-06-14	5													
5056299	Ops		428	IBERIA ST	Lead	Copper	PEX	Not Replaced	2018-05-30		No		Emergency						2018-05-31	13													
5057728	A01_03	A01_03	418	KINGSBORO ST	Lead	Lead	PEX	Copper	2018-05-30	2018-05-30	No								2018-05-30	6													
5056463	A01_03	A01_03	434	KINGSBORO ST	Lead	Lead	PEX	Not Replaced	2018-05-31		Yes								2018-06-27	ND													
5038313	A05_05	A05_05	5815	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-05-31	2018-05-31	No								2018-05-31	ND													
5038881	A05_05	A05_05	2341	ELDRIDGE ST	Lead	Lead	PEX	Not Replaced	2018-06-01		Yes								2018-08-01	37													
5024062	Ops		1715	CHISLETT ST	Lead	Copper	PEX	Not Replaced	2018-06-01		No		Emergency						2018-06-04	ND													
5038898	A05_05	A05_05	2348	SHERBROOK ST	Lead	Lead	PEX	Copper	2018-06-01	2018-06-01	No								2018-06-02	8													
5007021	A06_06	A06_06	3412	MILWAUKEE ST	Lead	Lead	PEX	Copper	2018-06-14	2018-06-04	Yes								2018-12-25	ND													
5061670	A04_04	A04_04	336	ARION ST	Lead	Lead	PEX	Copper	2018-06-04	2018-06-04	No								2018-10-04	ND													
5038909	A05_05	A05_05	2343	SHERBROOK ST	Lead	Lead	PEX	Copper	2018-06-04	2018-06-04	No								2018-06-08	9													
5038307	A05_05	A05_05	5831	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-04	2018-06-04	No								2018-06-07	4													
5057727	A01_03	A01_03	416	KINGSBORO ST	Lead	Lead	PEX	Not Replaced	2018-06-04		Yes								2018-06-05	30		2018-08-31	10										
5061621	A04_04	A04_04	20	SOFFEL ST	Lead	Lead	PEX	Copper	2018-06-05	2018-06-05	No								2018-06-12	ND													
5007026	A06_06	A06_06	3426	MILWAUKEE ST	Lead	Lead	PEX	Copper	2018-06-05	2018-06-05	No								2018-06-07	4													
5043696	Ops		7437	BEN HUR ST	Lead	Copper	PEX	Not Replaced	2018-06-06		No		Emergency						2018-06-12	ND													
5006976	A06_06	A06_06	3374	MILWAUKEE ST	Lead	Lead	PEX	Copper	2018-06-06	2018-06-06	No								2018-06-09	5													
5056467	A01_03	A01_03	433	E WARRINGTON AVE	Lead	Copper	PEX	Not Replaced	2018-06-06		No								2018-06-07	42													
5075650	A11_01	A11_01	4139	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-06	2018-06-06	No								2018-06-11	ND													
5058864	A02_02	A02_02	516	NATCHEZ ST	Lead	Lead	PEX	Copper	2018-06-07	2019-06-07	Yes								2018-06-09	19													
5075653	A11_01	A11_01	4133	FRANKLIN RD	Lead	Copper	PEX	Not Replaced	2018-06-07		No								2018-09-06	ND													
5075652	A11_01	A11_01	4135	FRANKLIN RD	Lead	Copper	PEX	Not Replaced	2018-06-07		No								2018-06-10	84													
5038305	A05_05	A05_05	5837	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-08	2018-06-08	No								2018-06-12	ND													
5006744	A06_06	A06_06	3483	MILWAUKEE ST	Lead	Lead	PEX	Copper	2018-06-08	2018-06-08	No								2018-06-10	7													
5074388	A11_01	A11_01	4008	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-08	2018-06-08	No								2018-06-11	4													
5061612	A04_04	A04_04	724	BOGGS AVE	Lead	Lead	PEX	Copper	2018-06-11	2018-06-11	No								2019-08-15	1.55													
5061667	A04_04	A04_04	656	BOGGS AVE	Lead	Lead	PEX	Copper	2018-06-11	2018-06-11	No								2018-06-11	ND		2018-06-12	318										
5005205	Ops		3731	CHILDS ST	Lead	PEX	PEX	Not Replaced	2018-06-12		No		Emergency						2018-06-18	17													
5038451	A05_05	A05_05	5905	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-15	42													
5038459	A05_05	A05_05	5910-5912	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-14	4													
5007363	A06_06	A06_06	764	BRYN MAWR RD	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-14	14													
5007360	A06_06	A06_06	758	BRYN MAWR RD	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-14	11													
5061707	A04_04	A04_04	703	BOGGS AVE	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-13	8													
5061626	A04_04	A04_04	709	SOUTHERN AVE	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-13	ND													
5038457	A05_05	A05_05	5906	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-12	2018-06-12	No								2018-06-12	ND													
5036635	Ops		5517	AYLESBORO AVE	Lead	Copper	PEX	Not Replaced	2018-06-13		No		Emergency						2018-06-16	11													
5006965	A06_06	A06_06	765	BRYN MAWR RD	Lead	Lead	PEX	Copper	2018-06-13	2018-06-13	No								2018-06-15	62		2018-07-08	9										
5028896	Ops	BLG	1244	ALBUM ST	Lead	Lead	PEX	Copper	2018-06-13	2018-12-12	Yes		Emergency						2018-06-14	16		2018-10-25	ND		2018-12-14	ND						
5056158	A13_03	A13_03	54	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-13	2018-06-13	No				2018-06-04	2018-06-15	74		2018-06-18	ND													
5075657	A11_01	A11_01	4125	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-13	2018-06-13	No				2018-06-11	2018-06-25	ND		2018-06-20	4													
5075656	A11_01	A11_01	4127	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-13	2018-06-13	No				2018-06-11	2018-06-25	7		2018-06-14	ND													
5061215	A04_04	A04_04	1	LELIA ST	Lead	Lead	PEX	Copper	2018-06-14	2018-06-14	No								2018-06-15	14													
5056169	A13_03	A13_03	67	HARWOOD ST	Lead	Copper	PEX	Not Replaced	2018-06-14		No								2018-06-29	4													
5075699	A11_01	A11_01	4038	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-14	2018-06-14	No				2018-06-13	2018-07-03	ND		2018-06-22	6													
5056153	A13_03	A13_03	42	HARWOOD ST	Lead	Copper	PEX	Not Replaced	2018-06-14		No								2018-06-18	4													
5061556	A04_04	A04_04	644	SOUTHERN AVE	Lead	Lead	PEX	Not Replaced	2018-06-15		Yes								2018-08-05	ND													
5007046	A06_06	A06_06	818	ADELAIDE ST	Lead	Lead	Copper	Copper	2018-06-15	2018-06-15	No								2018-06-19	ND													
5006958	A06_06	A06_06	732	BRYN MAWR RD	Lead	Lead	PEX	Copper	2018-06-15	2018-06-15	No								2018-06-18	4													
5061194	A04_04	A04_04	612	SOUTHERN AVE	Lead	Lead	PEX	Copper	2018-06-15	2018-06-15	No								2018-06-16	ND													
5075675	A11_01	A11_01	4120	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-15	2018-06-15	No				2018-06-12	2018-07-03	ND		2018-06-18	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5075678	A11_01	A11_01	4126	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-16	2018-06-16	No				2018-06-10	2018-06-25	6		2018-06-18	4													
5061585	A04_04	A04_04	721	SOUTHERN AVE	Lead	Lead	PEX	Not Replaced	2018-06-18		Yes								2018-07-11	3													
5061560	A04_04	A04_04	652	SOUTHERN AVE	Lead	Lead	PEX	Copper	2018-06-18	2018-06-18	No								2018-06-27	24													
5038444	A05_05	A05_05	2284	SHADY AVE	Lead	Lead	PEX	Copper	2018-06-18	2018-06-18	No								2018-06-22	5													
5038447	A05_05	A05_05	5921	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-18	2018-06-18	No								2018-06-21	7													
5056159	A13_03	A13_03	56	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-18	2018-06-18	No								2018-06-20	6													
5075680	A11_01	A11_01	4128	FRANKLIN RD	Lead	Lead	PEX	Copper	2018-06-18	2018-06-18	No				2018-06-13	2018-07-03	8		2019-08-13	2.07													
5061777	A04_04	A04_04	816	BOGGS AVE	Lead	Lead	PEX	Copper	2018-06-19	2018-06-19	No								2018-06-25	12													
5038448	A05_05	A05_05	5917	NICHOLSON ST	Lead	Lead	PEX	Copper	2018-06-19	2018-06-19	No								2018-06-21	8													
5007050	A06_06	A06_06	826	ADELAIDE ST	Lead	Lead	PEX	Copper	2018-06-19	2018-06-19	No								2018-06-20	7													
5056157	A13_03	A13_03	52	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-19	2018-06-19	No								2018-06-22	ND													
5056161	A13_03	A13_03	60	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-19	2018-06-19	No								2018-06-19	13		2018-06-20	ND									
5061584	A04_04	A04_04	719	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2018-06-20		No								2018-06-26	18													
5070362	Ops		1616	MONTEREY ST	Lead	Copper	PEX	Not Replaced	2018-06-20		No		Emergency						2018-06-21	7													
5075694	A11_01	A11_01	4018	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2018-06-20		No								2018-06-25	ND													
5075672	A11_01	A11_01	4114	FRANKLIN RD	Lead	Copper	PEX	Not Replaced	2018-06-20		No				2018-06-10	2018-06-25	ND		2018-06-22	6													
5007031	A06_06	A06_06	728	ADELAIDE ST	Lead	Lead	PEX	Copper	2018-06-21	2018-06-21	No								2018-10-11	ND													
5038919	A05_05	A05_05	2318	PITTOCK ST	Lead	Lead	PEX	Copper	2018-06-21	2018-06-21	No								2018-08-28	13													
5038868	A05_05	A05_05	2350	ELDRIDGE ST	Lead	Lead	PEX	Copper	2018-06-21	2018-06-21	No								2018-06-21	19													
5056386	A13_03	A13_03	81	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-21	2018-06-21	No				2018-06-04	2018-06-15	8		2018-06-24	ND													
5075599	A11_01	A11_01	4065	VINCETON ST	Lead	Lead	PEX	Copper	2018-06-21	2018-06-21	No				2018-06-12	2018-07-03	4		2018-06-21	ND													
5049624	A15_05_B	A15_05_B	4150	WINDSOR ST	Lead	Lead	Copper	Copper	2018-06-21	2018-06-21	No								2018-06-27	ND													
5038920	A05_05	A05_05	2320	PITTOCK ST	Lead	Lead	PEX	Copper	2018-06-22	2018-06-22	No								2018-10-08	9.6													
5068598	Ops		1745	COWLEY ST	Lead	Copper	Copper	Not Replaced	2018-06-22		No		Emergency						2018-07-06	ND													
5042418	Ops		1853	SHAW AVE	Lead	Copper	PEX	Not Replaced	2018-06-22		No		Emergency						2018-06-25	ND													
5075504	A11_01	A11_01	18	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-06-22	2018-06-22	No				2018-06-10	2018-07-03	11		2018-06-25	9													
5075558	A11_01	A11_01	15	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-06-22	2018-06-22	No				2018-06-11	2018-08-01	4		2018-06-28	ND													
5057540	A13_03	A13_03	109	HARWOOD ST	Lead	Copper	PEX	Not Replaced	2018-06-23		No				2018-06-01	2018-06-15	ND		2018-06-24	16													
5057548	A13_03	A13_03	91	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-23	2018-06-23	No				2018-06-05	2018-06-21	16		2018-06-26	4													
5075505	A11_01	A11_01	12	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-06-23	2018-06-23	No								2018-06-28	ND													
5074324	A11_01	A11_01	4010	VINCETON ST	Lead	Lead	PEX	Copper	2018-06-23	2018-06-23	No								2018-06-27	ND													
5057545	A13_03	A13_03	97	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-24	2018-06-24	No								2020-02-14	ND													
5061205	A04_04	A04_04	605	SOUTHERN AVE	Lead	Lead	PEX	Not Replaced	2018-06-25		Yes								2018-06-30	11													
5038921	A05_05	A05_05	2324	PITTOCK ST	Lead	Lead	PEX	Copper	2018-06-25	2018-06-25	No								2018-06-26	13													
5036583	A08_08	A08_08	6517	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-06-25	2018-06-25	No								2018-06-26	7													
5036582	A08_08	A08_08	6519	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-06-25		No				2018-06-15	2018-07-03	ND		2018-06-28	ND													
5057541	A13_03	A13_03	105	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-25	2018-06-25	No								2018-06-28	ND													
5059248	A12_02	A12_02	246	DILWORTH ST	Lead	Copper	PEX	Not Replaced	2018-06-25		No				2018-06-09	2018-06-25	5		2018-06-26	ND													
5049560	A15_05_B	A15_05_B	973	LILAC ST	Lead	Lead	Copper	Copper	2018-06-25	2018-06-25	No				2018-06-19	2018-07-08	5		2018-08-04	4													
5075667	A11_01	A11_01	4100	FRANKLIN RD	Lead	Lead	PEX	Not Replaced	2018-06-25		Yes				2018-06-11	2018-07-03	7		2018-07-10	6													
5057530	A13_03	A13_03	106	SECANE ST	Lead	Copper	PEX	Not Replaced	2018-06-25		No				2018-06-07	2018-06-25	9		2018-06-27	8													
5038289	A05_05	A05_05	2302	PITTOCK ST	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No								2018-06-30	13													
5024779	Ops		1341	CORDOVA RD	Lead	Copper	PEX	Not Replaced	2018-06-26		No		Emergency						2018-06-28	23													
5057531	A13_03	A13_03	110	SECANE ST	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No				2018-06-04	2018-06-15	9		2018-06-30	4													
5049531	A15_05_B	A15_05_B	928	LILAC ST	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No				2018-06-21	2018-07-08	8		2018-07-19	4													
5042224	A08_08	A08_08	6526	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-06-26		No				2018-06-20	2018-07-08	ND		2018-06-27	4													
5056168	A13_03	A13_03	76	HARWOOD ST	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No								2018-07-27	14													
5074512	A11_01	A11_01	3907	VINCETON ST	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No				2018-06-11	2018-07-03	6		2018-06-29	6													
5075503	A11_01	A11_01	20	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No								2018-06-29	6													
5075557	A11_01	A11_01	21	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-06-26	2018-06-26	No				2018-06-18	2018-07-08	9		2018-06-29	9													
5049572	A15_05_B	A15_05_B	947	LILAC ST	Lead	Lead	Copper	Copper	2018-06-27	2018-06-27	No				2018-06-20	2018-07-08	10		2018-06-28	5													
5075502	A11_01	A11_01	22	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-06-27	2018-06-27	No								2018-07-09	4													
5074516	A11_01	A11_01	3906	VINCETON ST	Lead	Lead	PEX	Copper	2018-06-27	2018-06-27	No				2018-06-20	2018-07-08	ND		2018-07-09	20													
5049576	A15_05_B	A15_05_B	939	LILAC ST	Lead	Lead	PEX	Copper	2018-06-28	2018-06-28	No								2018-06-29	24													
5042186	A08_08	A08_08	6549	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-06-28	2018-06-28	No				2018-06-24	2018-07-08	15		2018-06-29	ND		2018-07-04	5									
5056356	A13_03	A13_03	58	PASADENA ST	Lead	Lead	PEX	Copper	2018-06-28	2018-06-28	No				2018-06-06	2018-06-15	ND		2018-07-01	ND													
5056349	A13_03	A13_03	47	PASADENA ST	Lead	Lead	PEX	Copper	2018-06-28	2018-06-28	No				2018-06-04	2018-06-15	400		2018-06-29	ND													
5042182	A08_08	A08_08	6531	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-06-28	2018-06-28	No								2018-07-12	ND													
5054760	Ops		164	S 18TH ST	Lead	Copper	PEX	Not Replaced	2018-06-29		No		Emergency						2018-07-02	ND													
5059275	A12_02	A12_02	201	DILWORTH ST	Lead	Lead	PEX	Copper	2018-06-29	2018-06-29	No								2018-07-01	ND													
5056358	A13_03	A13_03	54	PASADENA ST	Lead	Lead	PEX	Copper	2018-06-29	2018-06-29	No				2018-06-02	2018-06-15	6		2018-07-04	ND													
5049570	A15_05_B	A15_05_B	951	LILAC ST	Lead	Copper	PEX	Not Replaced	2018-06-29		No								2018-07-04	ND													
5042180	A08_08	A08_08	6535	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-06-29	2018-06-29	No								2018-08-06	4													
5042185	A08_08	A08_08	6537	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-06-29	2018-06-29	No				2018-06-15	2018-07-03	8		2018-08-03	ND													
5042184	A08_08	A08_08	6541	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-02	2018-07-02	No				2018-07-01	2018-07-30	ND		2018-07-03	530													
5057607	A13_03	A13_03	82	PASADENA ST	Lead	Lead	PEX	Copper	2018-07-02	2018-07-02	No				2018-06-14	2018-07-08	7		2018-07-07	9													
5036576	A08_08	A08_08	6520	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-07-02		No				2018-06-15	2018-07-03	ND		2018-07-06	ND													
5049559	A15_05_B	A15_05_B	975	LILAC ST	Lead	Lead	PEX	Copper	2018-07-02	2018-07-02	No				2018-06-18	2018-07-08	54		2018-07-07	11													
5056351	A13_03	A13_03	53	PASADENA ST	Lead	Lead	PEX	Copper	2018-07-03	2018-07-03	No				2018-06-06	2018-06-15	6.3		2018-07-05	4													
5025994	Ops		6014	BRYANT ST	Lead	Copper	PEX	Not Replaced	2018-07-04		No		Emergency						2018-07-24	5													
5056350	A13_03	A13_03	49	PASADENA ST	Lead	Lead	PEX	Copper	2018-07-05	2018-07-05	No								2018-07-05	43													
5042218	A08_08	A08_08	6554	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-06	2018-07-06	No				2018-06-17	2018-07-08	24		2018-07-07	6													
5049584	A15_05_B	A15_05_B	929	LILAC ST	Lead	Lead	PEX	Copper	2018-07-06	2018-07-11	Yes								2018-07-15	ND													
5042212	A08_08	A08_08	6622	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-09	2018-07-09	No				2018-06-16	2018-08-01	28		2018-07-12	10													
5057613	A13_03	A13_03	68	PASADENA ST	Lead	Lead	PEX	Copper	2018-07-09	2018-07-09	No				2018-06-09	2018-06-25	10		2018-07-12	ND													
5049720	A15_05_B	A15_05_B	4103	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-10	2018-07-10	No				2018-06-19	2018-07-08	32		2018-07-15	7													
5057567	A13_03	A13_03	86	LACLEDE ST	Lead	Copper	PEX	Not Replaced	2018-07-10		No								2018-08-19	ND													
5075485	A11_01	A11_01	49	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-07-10	2018-07-10	No				2018-06-14	2018-07-03	7		2018-07-14	ND													
5042211	A08_08	A08_08	6626	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-10	2018-07-10	No								2018-07-12	22													
5041964	A08_08	A08_08	6645	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No								2019-02-12	1.17													
5049568	A15_05_B	A15_05_B	955	LILAC ST	Lead	Copper	PEX	Not Replaced	2018-07-11		No				2018-06-21	2018-07-08	ND		2018-07-12	ND													
5057565	A13_03	A13_03	90	LACLEDE ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No				2018-06-03	2018-06-21	28		2018-07-11	4													
5058871	A12_02	A12_02	235	CAIRO ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No				2018-06-12	2018-08-01	40		2018-07-14	ND													
5056384	A13_03	A13_03	100	LACLEDE ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No				2018-07-10	2018-08-01	48		2018-08-03	4													
5056383	A13_03	A13_03	80	LACLEDE ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No				2018-07-08	2018-07-30	9		2018-07-14	4													
5049579	A15_05_B	A15_05_B	935 1/2	LILAC ST	Lead	Copper	PEX	Not Replaced	2018-07-11		No								2018-07-16	5													
5058867	A12_02	A12_02	243	CAIRO ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No				2018-06-14	2018-07-03	13		2018-07-13	8													
5042209	A08_08	A08_08	6632	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-11	2018-07-11	No				2018-06-14	2018-07-03	4		2018-08-22	ND													
5075494	A11_01	A11_01	56	PERRYVIEW AVE	Lead	Copper	PEX	Not Replaced	2018-07-11		No				2018-06-11	2018-06-25	ND		2018-07-16	ND													
5049580	A15_05_B	A15_05_B	935	LILAC ST	Lead	Copper	PEX	Not Replaced	2018-07-12		No								2018-07-17	7													
5075492	A11_01	A11_01	104	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-07-12	2018-07-12	No				2018-06-20	2018-07-08	4		2018-07-18	ND													
5056400	A13_03	A13_03	52	LACLEDE ST	Lead	Lead	PEX	Copper	2018-07-12	2018-07-12	No				2018-06-17	2018-07-08	23		2018-07-13	14													
5049561	A15_05_B	A15_05_B	969	LILAC ST	Lead	Lead	PEX	Copper	2018-07-13	2018-07-13	No				2018-06-23	2018-07-08	13		2018-07-14	5													
5041960	A08_08	A08_08	6625	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-13	2018-07-13	No				2018-06-26	2018-08-01	75		2018-07-14	ND													
5049562	A15_05_B	A15_05_B	967	LILAC ST	Lead	Lead	PEX	Copper	2018-07-13	2018-07-13	No								2018-07-18	18													
5050041	A15_05_B	A15_05_B	4155	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-16	2018-07-16	No				2018-06-17	2018-07-08	8		2018-07-17	5													
5041959	A08_08	A08_08	6623	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-16	2018-07-16	No								2018-08-01	6													
5056393	A13_03	A13_03	70	LACLEDE ST	Lead	Lead	PEX	Copper	2018-07-16	2018-07-16	No				2018-06-04	2018-06-21	27		2018-07-19	16													
5075460	A11_01	A11_01	201	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-07-16	2018-07-16	No				2018-06-15	2018-07-03	15		2018-08-05	7													
5020138	Ops		5238	LOTUS WAY	Lead	Copper	PEX	Not Replaced	2018-07-17		No		Emergency						2018-07-19	ND													
5056392	A13_03	A13_03	74	LACLEDE ST	Lead	Lead	PEX	Copper	2018-07-17	2018-07-17	No				2018-06-12	2018-07-03	34		2018-07-20	9													
5042194	A08_08	A08_08	6609	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-17	2018-07-17	No								2018-07-19	10													
5049627	A15_05_B	A15_05_B	4142	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-17	2018-07-17	No				2018-06-18	2018-08-01	9		2018-07-24	9													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5056371	A13_03	A13_03	57	HABERMAN AVE	Lead	Lead	PEX	Copper	2018-07-17	2018-07-17	No				2018-06-03	2018-06-15	ND		2018-07-18	9														
5056370	A13_03	A13_03	55	HABERMAN AVE	Lead	Lead	PEX	Copper	2018-07-18	2018-07-18	No				2018-06-04	2018-06-15	26		2018-07-23	6														
5042217	A08_08	A08_08	6556	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-18	2018-07-18	No								2018-07-23	18														
5049628	A15_05_B	A15_05_B	4138	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-18	2018-07-18	No								2018-07-22	17														
5049732	A15_05_B	A15_05_B	4143	WINDSOR ST	Lead	Copper	PEX	Not Replaced	2018-07-18		No								2018-07-21	ND														
5059219	A12_02	A12_02	217	CAIRO ST	Lead	Lead	PEX	Copper	2018-07-18	2018-07-18	No								2019-04-02	2.48														
5042238	A08_08	A08_08	6605	DALZELL PL	Lead	Lead	PEX	Copper	2018-07-19	2018-07-19	No				2018-06-19	2018-07-08	22		2018-07-21	10														
5042208	A08_08	A08_08	6634	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-19	2018-07-19	No				2018-06-18	2018-07-08	6		2018-07-20	ND														
5042207	A08_08	A08_08	6636	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-07-19		No				2018-06-26	2018-07-19	ND		2018-07-21	ND														
5075461	A11_01	A11_01	203	PERRYVIEW AVE	Lead	Lead	PEX	Copper	2018-07-19	2018-07-19	No								2018-07-23	7														
5057573	A13_03	A13_03	101	HABERMAN AVE	Lead	Copper	PEX	Not Replaced	2018-07-19		No				2018-06-02	2018-06-15	ND		2018-07-24	4														
5058873	A12_02	A12_02	231	CAIRO ST	Lead	Copper	PEX	Not Replaced	2018-07-19		No				2018-06-22	2018-07-08	5		2018-07-22	ND														
5049730	A15_05_B	A15_05_B	4137	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-20	2018-07-20	No				2018-06-23	2018-07-30	12		2018-07-26	ND														
5041962	A08_08	A08_08	6637-6639	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-20	2018-07-20	No								2018-07-21	5														
5049729	A15_05_B	A15_05_B	4133	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-20	2018-07-20	No				2018-06-22	2018-07-30	7		2018-07-25	ND														
5041967	A08_08	A08_08	6657	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-20	2018-07-20	No								2018-07-22	16														
5008637	Ops		3442	MELWOOD AVE	Lead	Copper	PEX	Not Replaced	2018-07-23		No		Emergency						2018-07-28	ND														
5015025	Ops	BLG	426	S GRAHAM ST	Lead	Lead	Copper	Copper	2018-07-23	2018-12-21	Yes		Emergency						2018-07-26	19		2018-12-29	4.6										
5049735	A15_05_B	A15_05_B	4151	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-23	2018-07-23	No								2018-07-25	ND														
5049728	A15_05_B	A15_05_B	4127	WINDSOR ST	Lead	Copper	PEX	Not Replaced	2018-07-23		No				2018-06-28	2018-07-19	50		2018-07-24	52		2019-08-30	25.3										
5042003	A08_08	A08_08	6611	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-07-23	2018-07-23	No								2018-07-25	99		2018-08-06	6										
5057582	A13_03	A13_03	125	HABERMAN AVE	Lead	Lead	PEX	Copper	2018-07-23	2018-07-23	No								2018-08-16	ND														
5056376	A13_03	A13_03	71	HABERMAN AVE	Lead	Copper	PEX	Not Replaced	2018-07-24		No								2018-07-26	ND														
5041968	A08_08	A08_08	6659	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-24	2018-07-24	No								2018-07-30	4														
5041969	A08_08	A08_08	6663	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-24	2018-07-24	No								2018-07-26	8														
5056339	A13_03	A13_03	228	RUXTON ST	Lead	Lead	PEX	Copper	2018-07-24	2018-07-24	No				2018-06-04	2018-06-25	ND		2018-07-26	ND														
5056369	A13_03	A13_03	53	HABERMAN AVE	Lead	Lead	PEX	Copper	2018-07-24	2018-07-24	No								2018-07-28	ND														
5049636	A15_05_B	A15_05_B	4110	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-24	2018-07-24	No								2019-03-25	2.89														
5042259	A08_08	A08_08	6628	DALZELL PL	Lead	Lead	PEX	Copper	2018-07-24	2018-07-24	No				2018-06-15	2018-07-03	16		2018-07-26	6														
5059235	A12_02	A12_02	136	DILWORTH ST	Lead	Lead	PEX	Copper	2018-07-25	2018-07-25	No				2018-06-18	2018-07-08	24		2018-07-26	19														
5042001	A08_08	A08_08	6615 B	RIDGEVILLE ST	Lead	Copper	PEX	Not Replaced	2018-07-25		No				2018-06-14	2018-07-08	ND		2018-07-31	ND														
5007397	Ops	BLG	928	BRYN MAWR RD	Lead	Lead	PEX	Copper	2018-07-26	2018-12-05	Yes		Emergency						2018-09-24	14		2018-12-09	8.8										
5059232	A12_02	A12_02	126	DILWORTH ST	Lead	Lead	PEX	Copper	2018-07-26	2018-07-26	No				2018-06-19	2018-07-08	7		2018-08-01	ND														
5049723	A15_05_B	A15_05_B	4113	WINDSOR ST	Lead	Lead	PEX	Copper	2018-07-26	2018-07-26	No								2018-09-18	6														
5042197	A08_08	A08_08	6658	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-07-26		No								2018-07-28	ND														
5075569	A11_01	A11_01	36	BASCOM AVE	Lead	Lead	PEX	Not Replaced	2018-07-26		Yes								2018-08-08	ND														
5042199	A08_08	A08_08	6660	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-07-26		No								2018-07-27	8														
5056276	A13_03	A13_03	428	RUXTON ST	Lead	Lead	PEX	Copper	2018-07-26	2018-07-26	No				2018-06-11	2018-06-25	22		2018-07-29	12														
5042245	A08_08	A08_08	6631	DALZELL PL	Lead	Lead	PEX	Copper	2018-07-26	2018-07-26	No				2018-06-15	2018-07-03	14		2018-07-28	15														
5059223	A12_02	A12_02	614	NATCHEZ ST	Lead	Lead	PEX	Copper	2018-07-27	2018-07-27	No				2018-06-21	2018-07-08	7		2018-08-04	15														
5041970	A08_08	A08_08	6667	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-30	2018-07-30	No								2018-08-01	10														
5041971	A08_08	A08_08	6669	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-30	2018-07-30	No				2018-06-18	2018-08-01	4		2018-07-31	ND														
5075575	A11_01	A11_01	60	BASCOM AVE	Lead	Lead	PEX	Not Replaced	2018-07-30		Yes				2018-06-11	2018-06-25	11		2018-08-02	32		2019-02-08	2.48										
5041972	A08_08	A08_08	6673	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2018-07-30	2018-07-30	No				2018-06-18	2018-08-01	20		2018-08-01	5														
5075573	A11_01	A11_01	52	BASCOM AVE	Lead	Copper	PEX	Not Replaced	2018-07-30		No				2018-06-14	2018-08-01	ND		2018-07-31	ND														
5075576	A11_01	A11_01	64	BASCOM AVE	Lead	Copper	PEX	Not Replaced	2018-07-31		No				2018-06-10	2018-06-25	8		2018-08-01	5														
5056342	A13_03	A13_03	224	RUXTON ST	Lead	Lead	PEX	Copper	2018-07-31	2018-07-31	No								2018-08-02	8														
5055683	A13_03	A13_03	29	CRAIGHEAD ST	Lead	Copper	PEX	Not Replaced	2018-07-31		No								2018-08-01	16		2019-01-20	ND										
5056267	A13_03	A13_03	417	RUXTON ST	Lead	Lead	PEX	Copper	2018-08-01	2018-08-01	No				2018-06-07	2018-06-21	11		2018-08-14	8														
5055667	A13_03	A13_03	56	CRAIGHEAD ST	Lead	Lead	PEX	Copper	2018-08-01	2018-08-01	No				2018-06-06	2018-06-15	ND		2018-08-05	ND														
5042022	A08_08	A08_08	6631 A	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-01	2018-08-01	No								2019-02-20	1.08														
5042023	A08_08	A08_08	6631	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-01	2018-08-01	No								2018-08-02	12														
5047722	Ops		253	FLOWERS AVE	Lead	Copper	PEX	Not Replaced	2018-08-02		No		Emergency						2019-02-22	14.3														
5078630	Ops		1458	GEYER AVE	Lead	Copper	PEX	Not Replaced	2018-08-02		No		Emergency						2018-08-03	9														
5042253	A08_08	A08_08	6653	DALZELL PL	Lead	Copper	PEX	Not Replaced	2018-08-02		No								2018-08-03	10														
5042252	A08_08	A08_08	6651	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-02	2018-08-02	No				2018-06-15	2018-07-08	5		2018-08-04	4														
5042191	A08_08	A08_08	1463	BARNESDALE ST	Copper	Lead	PEX	Copper	2018-08-02	2018-08-02	No				2018-06-12	2018-07-03	7		2018-08-05	6														
5042021	A08_08	A08_08	6633	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-03	2018-08-03	No								2018-08-06	8														
5042192	A08_08	A08_08	1465	BARNESDALE ST	Copper	Lead	PEX	Not Replaced	2018-08-03		Yes				2018-06-19	2018-07-08	8		2018-08-06	13														
5075478	A11_01	A11_01	86	BASCOM AVE	Lead	Lead	PEX	Not Replaced	2018-08-03		Yes								2018-08-07	10														
5042285	A08_08	A08_08	6537	AYLESBORO AVE	Lead	Lead	PEX	Copper	2018-08-06	2018-08-06	No				2018-06-15	2018-08-01	16		2018-08-09	8														
5133127	A15_05_B	A15_05_B	4133	FRANK ST	Lead	Lead	PEX	Copper	2018-08-06	2018-08-06	No								2018-08-19	10														
5056491	A13_03	A13_03	73	CRAIGHEAD ST	Lead	Lead	PEX	Copper	2018-08-06	2018-08-06	No				2018-06-06	2018-06-15	44		2019-07-22	5.16														
5042019	A08_08	A08_08	6637	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-06	2018-08-06	No								2018-08-07	5														
5056257	A13_03	A13_03	225	RUXTON ST	Lead	Copper	PEX	Not Replaced	2018-08-06		No				2018-06-15	2018-07-03	ND		2018-08-10	ND														
5056262	A13_03	A13_03	405	RUXTON ST	Lead	Lead	PEX	Copper	2018-08-06	2018-08-06	No				2018-06-02	2018-06-15	11		2018-08-19	28														
5075477	A11_01	A11_01	100	BASCOM AVE	Lead	Lead	PEX	Copper	2018-08-06	2018-08-06	No				2018-06-21	2018-07-08	9		2018-08-07	7														
5048886	Ops	BLG_01	57	ALMEDA ST	Lead	Lead	PEX	Not Replaced	2018-08-07		Yes		Emergency						2018-09-21	14														
5049529	A15_05_B	A15_05_B	4131	FRANK ST	Lead	Lead	PEX	Copper	2018-08-07	2018-08-07	No								2018-08-11	4														
5042256	A08_08	A08_08	6640	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-07	2018-08-07	No				2018-06-18	2018-07-08	25		2018-08-15	36														
5018034	A07_07	A07_07	4930	HATFIELD ST	Lead	Lead	PEX	Copper	2018-08-07	2018-08-07	No			Emergency					2018-08-10	ND														
5042018	A08_08	A08_08	6639	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-07	2018-08-07	No				2018-06-17	2018-08-01	7		2018-08-19	20														
5055684	A13_03	A13_03	27	CRAIGHEAD ST	Lead	Lead	PEX	Not Replaced	2018-08-07		Yes				2018-06-02	2018-06-15	22		2018-12-06	ND														
5055682	A13_03	A13_03	31	CRAIGHEAD ST	Lead	Lead	PEX	Not Replaced	2018-08-07		Yes				2018-06-04	2018-06-15	8		2018-10-10	9.4														
5059333	A12_02	A12_02	101	DILWORTH ST	Lead	Copper	PEX	Not Replaced	2018-08-08		No								2018-08-10	23														
5042015	A08_08	A08_08	6643	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-08	2018-08-08	No				2018-07-02	2018-08-01	195		2018-09-17	ND														
5075443	A11_01	A11_01	123	BASCOM AVE	Lead	Brass	PEX	Not Replaced	2018-08-09		No				2018-06-11	2018-06-25	ND		2018-08-12	ND														
5018083	A07_07	A07_07	4733	HATFIELD ST	Lead	Lead	PEX	Copper	2018-08-09	2018-08-09	No				2018-07-30	2018-08-09	59		2018-08-12	27														
5075445	A11_01	A11_01	131	BASCOM AVE	Lead	Copper	PEX	Not Replaced	2018-08-09		No				2018-06-09	2018-06-25	5		2018-08-10	ND														
5049714	A15_05_C	A15_05_C	4033	WINDSOR ST	Lead	Copper	PEX	Not Replaced	2018-08-09		No				2018-07-23	2018-08-07	5		2018-08-10	13														
5042289	A08_08	A08_08	6605	AYLESBORO AVE	Lead	Lead	PEX	Copper	2018-08-09	2018-08-09	No				2018-06-11	2018-07-03	68		2018-08-14	8														
5042013	A08_08	A08_08	6647	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-09	2018-08-09	No				2018-06-25	2018-07-08	7		2018-08-11	8														
5018011	Plum Way Water Relay	Plum Way Water Relay	4907	HATFIELD ST	Lead	Lead	PEX	Copper	2018-08-09	2018-08-09	No				2018-07-30	2018-08-14	18		2018-08-14	ND														
5049745	A15_05_C	A15_05_C	4029	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-10	2018-08-10	No				2018-07-22	2018-08-09	15		2018-08-11	17														
5018033	A07_07	A07_07	4932	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-10		No								2018-09-27	ND														
5042242	A08_08	A08_08	6625	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-10	2018-08-10	No								2018-08-13	ND														
5016472	Urgent Water	Urgent Water	258	MAIN ST	Copper	Lead	Copper	Copper	2018-08-13	2018-08-13	No		Emergency		2018-07-28	2018-08-14	73		2018-08-29	ND														
5018152	A07_07	A07_07	4738	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-13		No				2018-07-30	2018-08-09	5		2018-08-16	6														
5017998	A07_07	A07_07	180	49TH ST	Lead	Copper	PEX	Not Replaced	2018-08-13		No				2018-07-28	2018-08-09	ND		2018-08-16	ND														
5017997	A07_07	A07_07	178	49TH ST	Lead	Lead	PEX	Copper	2018-08-13	2018-08-13	No				2018-07-28	2018-08-14	ND		2018-08-14	ND														
5018153	A07_07	A07_07	4740	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-13		No				2018-07-28	2018-08-14	5		2018-08-21	4														
5042011	A08_08	A08_08	6649	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-13	2018-08-13	No				2018-06-22	2018-07-08	7		2018-08-14	7														
5018045	A07_07	A07_07	4904	HATFIELD ST	Lead	PEX	PEX	Not Replaced	2018-08-13		No				2018-08-06	2018-08-21	11		2018-08-16	ND														
5075570	A11_01	A11_01	40	BASCOM AVE	Lead	Lead	PEX	Copper	2018-08-13	2018-08-13	No				2018-06-11	2018-06-25	4		2018-08-15	ND														
5049711	A15_05_C	A15_05_C	4034	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-14	2018-08-14	No				2018-08-13	2018-08-28	43		2018-11-28	ND														
5042293	A08_08	A08_08	6615	AYLESBORO AVE	Lead	Lead	PEX	Copper	2018-08-14	2018-08-14	No				2018-06-18	2018-08-01	29		2018-08-15	7														
5049747	A15_05_C	A15_05_C	4023	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-14	2018-08-14	No				2018-07-21	2018-08-07	32		2018-08-15	6														
5018016	A07_07	A07_07	4912	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-14		No				2018-07-30	2018-08-21	29		2018-08-17	1220														
5042029	A08_08	A08_08	6659	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-15	2018-08-15	No								2018-08-16	10														
5018042	A07_07	A07_07	4914	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-15		No								2018-08-16	4														
5018092	A07_07	A07_07	4713	HATFIELD ST	Lead	Lead	PEX	Copper	2018-08-15	2018-08-15	No				2018-07-28	2018-08-14	7		2018-08-17	24														
5018039	A07_07	A07_07	4920	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-15		No				2018-08-06	2018-08-21	ND		2018-08-16	ND														
5042248	A08_08	A08_08	6641	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-15	2018-08-15	No								2018-08-18	5		2019-02-25	ND										

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5018090	A07_07	A07_07	4717	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-15		No				2018-07-27	2018-08-09	ND		2018-08-15	4														
5074457	Ops		3852	BAYTREE ST	Lead	Non-Lead	PEX	Not Replaced	2018-08-16		No		Emergency						2018-10-12	ND														
5049712	A15_05_C	A15_05_C	4038	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-16	2018-08-16	No				2018-07-20	2018-08-03	21		2018-08-18	12														
5035190	Ops	BLG_01	1126	MURRAYHILL AVE	Lead	Lead	PEX	Copper	2018-08-17	2019-04-17	Yes		Emergency						2019-02-03	7.59		2019-04-28	6.31										
5060217	Ops		227	SEWARD ST	Lead	Copper	PEX	Not Replaced	2018-08-17		No		Emergency						2018-08-25	ND														
5042295	A08_08	A08_08	6625	AYLESBORO AVE	Lead	Lead	PEX	Copper	2018-08-17	2018-08-17	No				2018-06-21	2018-07-08	15		2018-08-21	5														
5049428	A15_05_C	A15_05_C	1041	MIRROR ST	Lead	Lead	PEX	Copper	2018-08-17	2018-08-17	No				2018-07-21	2018-08-03	32		2018-08-19	6														
5049430	A15_05_C	A15_05_C	1045	MIRROR ST	Lead	Lead	PEX	Not Replaced	2018-08-17		Yes				2018-07-23	2018-08-07	85		2018-11-12	18.6		2019-01-23	ND										
5042033	A08_08	A08_08	6675	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-17	2018-08-17	No								2018-08-23	ND														
5006645	Ops	BLG	3342	RIDGEWAY ST	Lead	Lead	PEX	Copper	2018-08-19	2019-02-25	Yes		Emergency						2018-08-26	30														
5049708	A15_05_C	A15_05_C	4026	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-20	2018-08-20	No								2019-06-01	ND														
5018188	A07_07	A07_07	4635	PLUMMER ST	Lead	Lead	PEX	Copper	2018-08-20	2018-08-20	No				2018-08-14	2018-08-28	7		2018-08-22	ND														
5042249	A08_08	A08_08	6643	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-20	2018-08-20	No				2018-06-18	2018-07-08	17		2018-08-21	32														
5049707	A15_05_C	A15_05_C	4024	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-20	2018-08-20	No			Emergency	2018-07-19	2018-08-03	24		2018-09-21	ND														
5042032	A08_08	A08_08	6671	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-20	2018-08-20	No				2018-06-19	2018-07-08	19		2018-08-27	8														
5018081	A07_07	A07_07	4737	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-20		No								2020-06-10	ND														
5075632	A11_01	A11_01	4040	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2018-08-20	2018-08-20	No								2018-08-30	ND														
5042235	A08_08	A08_08	6551	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-21	2018-08-21	No								2018-08-22	8														
5042031	A08_08	A08_08	6667	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-21	2018-08-21	No								2018-08-23	4														
5042299	A08_08	A08_08	6659-6663	AYLESBORO AVE	Lead	Copper	PEX	Not Replaced	2018-08-21		No				2018-06-15	2018-08-01	4		2018-08-25	4														
5075633	A11_01	A11_01	4042	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2018-08-21		No								2018-08-31	ND														
5041956	A08_08	A08_08	1457	BARNESDALE ST	Lead	Lead	PEX	Copper	2018-08-22	2018-08-22	No								2018-08-22	6		2018-08-23	ND										
5018186	A07_07	A07_07	4639	PLUMMER ST	Lead	Lead	PEX	Copper	2018-08-22	2018-08-22	No								2018-08-27	4														
5049706	A15_05_C	A15_05_C	1048	MIRROR ST	Lead	Lead	PEX	Copper	2018-08-22	2018-08-23	No	Yes			2018-07-27	2018-09-04	53		2018-08-25	15														
5042297	A08_08	A08_08	6633	AYLESBORO AVE	Lead	Lead	PEX	Copper	2018-08-22	2018-08-22	No				2018-06-28	2018-07-11	27		2018-08-24	8														
5018180	A07_07	A07_07	168	47TH ST	Lead	Lead	PEX	Copper	2018-08-22	2018-08-22	No				2018-08-09	2018-08-28	ND		2018-09-02	13														
5018179	A07_07	A07_07	4634	MODOC WAY	Lead	Lead	PEX	Copper	2018-08-22	2018-08-22	No								2018-08-27	5														
5049704	A15_05_C	A15_05_C	1040	MIRROR ST	Lead	Copper	PEX	Not Replaced	2018-08-22		No								2018-08-23	10														
5078902	Ops	BLG	3415	DIPLOMA ST	Lead	Lead	PEX	Copper	2018-08-23	2019-01-29	Yes		Emergency						2019-03-31	2.02														
5018181	A07_07	A07_07	170	47TH ST	Lead	Lead	PEX	Copper	2018-08-23	2018-08-23	No								2018-08-23	ND														
5042281	A08_08	A08_08	6527	AYLESBORO AVE	Lead	Copper	PEX	Not Replaced	2018-08-23		No								2018-08-26	12		2018-08-27	4										
5041974	A08_08	A08_08	6672	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-23	2018-08-23	No				2018-06-22	2018-07-08	25		2018-08-25	20														
5018590	A07_07	A07_07	187	47TH ST	Lead	Copper	PEX	Not Replaced	2018-08-23		No								2018-08-24	570		2018-11-17	ND										
5042275	A08_08	A08_08	6530	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-24	2018-08-24	No				2018-06-21	2018-07-08	13		2018-08-27	15														
5018091	A07_07	A07_07	4715	HATFIELD ST	Lead	Copper	PEX	Not Replaced	2018-08-24		No								2018-10-14	ND														
5041976	A08_08	A08_08	6666	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-24	2018-08-24	No				2018-06-12	2018-07-03	9		2018-08-27	4														
5042268	A08_08	A08_08	6600	DALZELL PL	Lead	Copper	PEX	Not Replaced	2018-08-24		No								2018-10-29	5.4														
5042279	A08_08	A08_08	6517	AYLESBORO AVE	Lead	Lead	PEX	Copper	2018-08-24	2018-08-24	No				2018-07-18	2018-08-01	34		2018-09-11	14														
5042232	A08_08	A08_08	6541	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-27	2018-08-27	No								2018-08-28	13														
5075637	A11_01	A11_01	4060	PERRYSVILLE AVE	Lead	Lead	PEX	Not Replaced	2018-08-27		Yes				2018-06-11	2018-07-03	7		2018-08-27	ND														
5075643	A11_01	A11_01	4128	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2018-08-28	2018-08-28	No				2018-06-12	2018-07-03	5		2018-08-30	6														
5042272	A08_08	A08_08	6538	DALZELL PL	Lead	Copper	PEX	Not Replaced	2018-08-28		No				2018-06-19	2018-07-08	ND		2018-10-03	ND														
5049349	A15_05_C	A15_05_C	1029-1031	FLEMINGTON ST	Lead	Lead	PEX	Copper	2018-08-28	2018-08-28	No				2018-07-24	2018-08-07	7		2018-09-07	ND														
5018109	A07_07	A07_07	151	HOME ST	Lead	Lead	PEX	Copper	2018-08-28	2018-08-28	No				2018-07-31	2018-08-14	14		2018-08-29	6														
5075644	A11_01	A11_01	4130	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2018-08-28		No				2018-08-23	2018-09-11	8		2018-08-29	ND														
5018554	A07_07	A07_07	154	HOME ST	Lead	Lead	PEX	Copper	2018-08-28	2018-08-28	No				2018-07-30	2018-08-21	12		2018-09-04	ND														
5018573	A07_07	A07_07	169	HOME ST	Lead	Lead	PEX	Copper	2018-08-28	2018-08-28	No				2018-08-01	2019-01-08	7		2018-09-25	7														
5020006	Ops	BLG	310	54TH ST	Lead	Lead	PEX	Copper	2018-08-29	2019-02-21	Yes		Emergency						2019-02-22	5.65														
5018585	A07_07	A07_07	177	HOME ST	Lead	Lead	PEX	Copper	2018-08-29	2018-08-29	No				2018-07-30	2018-08-21	8		2018-09-08	16														
5018552	A07_07	A07_07	158	HOME ST	Lead	Lead	PEX	Copper	2018-08-29	2018-08-29	No				2018-07-30	2018-08-14	36		2018-08-30	7														
5059292	A12_02	A12_02	480	NORTON ST	Lead	Lead	PEX	Copper	2018-08-29	2018-08-30	No	Yes			2018-06-09	2018-07-03	8		2018-10-26	ND														
5041979	A08_08	A08_08	6654	RIDGEVILLE ST	Lead	Copper	PEX	Not Replaced	2018-08-29		No								2018-11-15	ND		2020-01-27	ND										
5018586	A07_07	A07_07	177 1/2	HOME ST	Lead	Lead	PEX	Copper	2018-08-29	2018-08-29	No				2018-07-31	2018-08-17	19		2018-09-06	ND														
5075561	A11_01	A11_01	4135	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2018-08-29	2018-08-29	No				2018-06-13	2018-07-03	6		2018-09-07	7														
5018523	A07_07	A07_07	162	HOME ST	Lead	Lead	PEX	Copper	2018-08-29	2018-08-29	No				2018-08-20	2018-09-11	4		2018-08-31	12														
5022414	Ops	BLG	311	54TH ST #18	Lead	Lead	PEX	Copper	2018-08-30	2019-02-27	Yes		Emergency						2018-10-08	4.3		2019-02-28	ND										
5059378	A12_02	A12_02	467	NORTON ST	Lead	Copper	PEX	Not Replaced	2018-08-30		No				2018-06-08	2018-07-03	ND		2018-10-04	ND														
5075564	A11_01	A11_01	4123	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2018-08-30	2018-08-30	No								2018-09-04	ND														
5018575	A07_07	A07_07	173	HOME ST	Lead	Copper	PEX	Not Replaced	2018-08-30		No				2018-07-27	2018-08-09	ND		2018-12-21	ND														
5049489	A15_05_C	A15_05_C	4011	WINDSOR ST	Lead	Lead	PEX	Copper	2018-08-30	2018-08-30	No				2018-07-24	2018-08-07	7		2018-09-02	6														
5075565	A11_01	A11_01	4119	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2018-08-30	2018-08-30	No								2018-09-16	ND														
5042276	A08_08	A08_08	6526	DALZELL PL	Lead	Lead	PEX	Copper	2018-08-30	2018-08-30	No				2018-06-18	2018-07-08	4		2018-09-01	5														
5041982	A08_08	A08_08	6646	RIDGEVILLE ST	Lead	Copper	PEX	Not Replaced	2018-08-31		No				2018-06-17	2018-07-08	ND		2018-09-03	ND														
5059345	A12_02	A12_02	470	NORTON ST	Lead	Lead	PEX	Copper	2018-08-31	2018-09-14	Yes				2018-06-10	2018-07-03	14		2018-09-17	8														
5041983	A08_08	A08_08	6640	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-31	2018-08-31	No								2018-10-26	5.3														
5041984	A08_08	A08_08	6636	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-08-31	2018-08-31	No				2018-07-01	2018-07-30	29		2018-09-23	ND														
5059342	A12_02	A12_02	466	NORTON ST	Lead	Lead	PEX	Copper	2018-08-31	2018-08-31	No								2018-09-04	ND														
5049371	A15_05_C	A15_05_C	1030	FLEMINGTON ST	Lead	Lead	PEX	Copper	2018-09-04	2018-09-04	No								2018-09-08	6														
5042231	A08_08	A08_08	6535	DALZELL PL	Lead	Lead	PEX	Copper	2018-09-04	2018-09-04	No								2018-09-09	7														
5123011	A10_M	A10_M	549	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-04	2018-09-04	No								2018-09-05	ND														
5018211	A07_07	A07_07	4832	BLACKBERRY WAY	Lead	Lead	PEX	Copper	2018-09-04	2018-09-04	No				2018-07-30	2018-08-14	14		2018-09-12	ND														
5018162	A07_07	A07_07	167	48TH ST	Lead	Lead	PEX	Not Replaced	2018-09-04		Yes								2019-01-21	13.4		2019-11-11	10.2										
5059380	A12_02	A12_02	471	NORTON ST	Lead	Lead	PEX	Copper	2018-09-04	2018-09-05	No	Yes							2018-09-06	7														
5049350	A15_05_C	A15_05_C	1033	FLEMINGTON ST	Lead	Lead	PEX	Copper	2018-09-05	2018-09-05	No								2018-09-17	11														
5049488	A15_05_C	A15_05_C	4015	WINDSOR ST	Lead	Lead	PEX	Copper	2018-09-05	2018-09-05	No				2018-07-24	2018-08-07	22		2018-09-16	5														
5041985	A08_08	A08_08	6632	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-09-06	2018-09-06	No				2018-06-27	2018-07-08	21		2018-09-10	ND														
5122871	A10_M	A10_M	532	NORTH AVENUE	Lead	Copper	PEX	Not Replaced	2018-09-06		No								2018-09-06	21														
5019840	Ops		5307	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2018-09-07		No		Emergency						2018-09-11	6														
5065566	Ops	BLG	812	GALVESTON AVE	Lead	Lead	PEX	Not Replaced	2018-09-07		Yes		Emergency						2018-09-08	6														
5011384	A18_08	A18_08	5819	ALDER ST	Lead	Lead	PEX	Not Replaced	2018-09-07		Yes				2018-09-05	2018-10-12	ND		2018-09-27	4.8														
5049373	A15_05_C	A15_05_C	1024	FLEMINGTON ST	Lead	Lead	PEX	Copper	2018-09-07	2018-09-07	No				2018-08-08	2018-08-23	42		2018-09-22	41		2019-02-15	2.03										
5122870	A10_M	A10_M	530	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-07	2018-09-07	No				2018-07-19	2018-08-03	ND		2018-09-07	23		2019-03-06	ND										
5122999	A10_M	A10_M	527	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-07	2018-09-07	No								2018-09-10	ND														
5122868	A10_M	A10_M	526	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-07	2018-09-07	No				2018-08-06	2018-09-04	6		2018-09-18	ND														
5011448	A18_08	A18_08	5917	ALDER ST	Lead	Copper	PEX	Not Replaced	2018-09-11		No				2018-08-25	2018-09-11	4		2018-09-12	8														
5011446	A18_08	A18_08	5921	ALDER ST	Lead	Copper	PEX	Not Replaced	2018-09-11		No				2018-09-04	2018-10-12	5		2018-09-12	7														
5041987	A08_08	A08_08	6624	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-09-11	2018-09-11	No				2018-06-21	2018-07-08	4		2018-09-12	ND														
5123010	A10_M	A10_M	547	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-11	2018-09-11	No								2018-09-15	ND														
5003268	Ops		312	MEYRAN AVE	Lead	PEX	PEX	Not Replaced	2018-09-12		No		Emergency						2018-09-15	ND														
5018020	Plum Way Water Relay	Plum Way Water Relay	4916	PLUM WAY	Lead	Lead	PEX	Copper	2018-09-12	2018-09-12	No								2018-09-21	ND														
5011440	A18_08	A18_08	5929 A	ALDER ST	Lead	Lead	PEX	Copper	2018-09-12	2018-09-12	No				2018-08-24	2018-09-11	26		2018-09-13	14														
5041988	A08_08	A08_08	6620	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-09-13	2018-09-13	No								2019-01-25	3.3														
5011444	A18_08	A18_08	5925	ALDER ST	Lead	Lead	PEX	Copper	2018-09-13	2018-09-13	No								2018-09-15	ND														
5011450	A18_08	A18_08	5911	ALDER ST	Lead	Lead	PEX	Copper	2018-09-13	2018-09-13	No								2018-09-22	19														
5041990	A08_08	A08_08	6612	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-09-14	2018-09-14	No								2018-09-15	21														
5041992	A08_08	A08_08	6604	RIDGEVILLE ST	Lead	Lead	PEX	Copper	2018-09-14	2018-09-14	No								2018-09-15	5														
5017967	Plum Way Water Relay	Plum Way Water Relay	4839	PLUM WAY	Lead	Copper	PEX	Not Replaced	2018-09-17		No								2018-10-23	ND														
5122861	A10_M	A10_M	512	NORTH AVENUE	Lead	Copper	PEX	Not Replaced	2018-09-17		No								2018-09-19	ND														
5057001	Ops	BLG	307	BELTZHOOVER AVE	Lead	Lead	PEX	Copper	2018-09-18	2019-02-08	Yes		Emergency						2018-09-21	ND		2019-02-09	1.85										
5013072	Ops	BLG	451	CEDARVILLE ST	Lead	Lead	PEX	Copper	2018-09-18	2019-02-18	Yes		Emergency						2018-09-19	ND		2019-02-20	1.25										
5011442	A18_08	A18_08	5937 C	ALDER ST	Lead	Lead	PEX	Copper	2018-09-18	2018-09-18	No								2021-10-08	ND														
5054100	A14_03	A14_03	1915	WHARTON ST	Lead	Copper	PEX	Not Replaced	2018-09-18		No				2018-09-13	2018-10-08	5		2018-10-08	ND														
5057002	Ops	BLG_01	309	BELTZHOOVER AVE	Lead	Lead	PEX	Copper	2018-09-19	2019-07-02	Yes		Emergency						2018-10-31	7														

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5011435	A18_08	A18_08	5939	ALDER ST	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No				2018-09-12	2018-10-12	21		2018-11-11	ND														
5011388	A18_08	A18_08	5829	ALDER ST	Lead	Copper	PEX	Not Replaced	2018-09-19		No				2018-08-27	2018-09-11	6		2018-09-25	ND														
5011434	A18_08	A18_08	5937	ALDER ST	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No				2018-08-28	2018-10-12	26		2018-10-19	7.5														
5054103	A14_03	A14_03	1921	WHARTON ST	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No				2018-09-07	2018-10-12	145		2018-09-22	67		2019-02-06	2.6											
5017991	Plum Way Water Relay	Plum Way Water Relay	4841	HATFIELD ST	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No								2018-09-23	ND														
5011389	A18_08	A18_08	5833	ALDER ST	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No				2018-08-27	2018-09-11	45		2018-09-24	ND														
5054104	A14_03	A14_03	1923	WHARTON ST	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No				2018-09-06	2018-10-12	19		2018-09-27	5.6														
5122356	A10_M	A10_M	426	NORTH AVE	Lead	Lead	PEX	Copper	2018-09-19	2018-09-19	No				2018-07-08	2018-08-23	25		2018-09-21	ND														
5122373	A10_M	A10_M	452	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-20	2018-09-20	No				2018-08-27	2018-09-11	ND		2018-09-21	ND														
5011437	A18_08	A18_08	5933B	ALDER ST	Lead	Lead	PEX	Copper	2018-09-20	2018-09-20	No				2018-08-26	2018-09-11	20		2018-09-23	44		2019-02-13	ND											
5011497	A18_08	A18_08	349	SPAHR ST	Copper	Lead	Not Replaced	Copper		2018-09-20	No								2018-09-25	ND														
5122322	A10_M	A10_M	302	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-21	2018-09-22	No	Yes			2018-07-19	2018-08-03	ND		2018-01-04	ND														
5122367	A10_M	A10_M	442	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-21	2018-09-21	No				2018-09-09	2018-10-12	21		2018-10-24	ND														
5054105	A14_03	A14_03	1925	WHARTON ST	Lead	Copper	PEX	Not Replaced	2018-09-21		No				2018-09-07	2018-10-12	6		2018-09-23	6														
5122327	A10_M	A10_M	308	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-21	2018-09-21	No				2018-07-28	2018-08-09	ND		2018-09-26	ND														
5122325	A10_M	A10_M	306	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-22	2018-09-22	No				2018-07-20	2019-01-14	ND		2018-09-25	4.6														
5122360	A10_M	A10_M	433	NORTH AVENUE	Lead	Copper	PEX	Not Replaced	2018-09-22		No								2018-09-25	5														
5067972	Ops	BLG_01	1356	LOWRIE ST	Lead	Lead	PEX	Copper	2018-09-23	2021-06-07	Yes		Emergency						2021-06-10	2.04														
5035019	Ops	BLG	419	SALINE ST	Lead	Lead	PEX	Copper	2018-09-24	2019-01-24	Yes		Emergency						2018-09-25	48		2019-01-29	2.4											
5011504	A18_08	A18_08	331	SPAHR ST	Lead	Lead	PEX	Copper	2018-09-24	2018-09-24	No								2018-10-04	ND														
5011503	A18_08	A18_08	333	SPAHR ST	Lead	Lead	PEX	Copper	2018-09-24	2018-09-24	No				2018-09-01	2018-09-13	4		2018-09-27	5.8														
5011488	A18_08	A18_08	369	SPAHR ST	Lead	Lead	PEX	Copper	2018-09-24	2018-09-24	No				2018-08-30	2018-09-13	11		2018-09-26	13														
5049653	A15_05_A	A15_05_A	921	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-09-25	2018-09-25	No				2018-07-24	2018-08-07	23		2018-10-03	40														
5049614	A15_05_A	A15_05_A	940	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-09-25	2018-09-25	No				2018-07-20	2019-01-14	10		2018-09-28	ND														
5122339	A10_M	A10_M	324	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-09-25	2018-09-25	No								2018-10-01	ND														
5054109	A14_03	A14_03	50	S 20TH ST	Lead	Lead	PEX	Copper	2018-09-25	2018-09-25	No								2018-09-26	7														
5066095	Ops	BLG	1315	ARCH ST	Lead	Lead	PEX	Not Replaced	2018-09-26		Yes		Emergency						2018-09-29	16.2		2019-02-18	ND										
5054147	A14_03	A14_03	1927	SIDNEY ST	Lead	Lead	PEX	Copper	2018-09-26	2018-09-26	No				2018-09-22	2018-10-08	ND		2018-09-30	ND														
5011483	A18_08	A18_08	346	SPAHR ST	Lead	Copper	PEX	Not Replaced	2018-09-26		No								2018-09-28	ND														
5054155	A14_03	A14_03	1918	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2018-09-26		No				2018-09-23	2018-10-08	7		2018-10-10	ND														
5049641	A15_05_A	A15_05_A	955	KENNEBEC ST	Lead	Galvanized Iron	PEX	Copper	2018-09-26	2018-09-26	No				2018-07-27	2018-08-09	23		2018-10-07	8														
5012023	A18_08	A18_08	371	SPAHR ST	Lead	Copper	PEX	Not Replaced	2018-09-27		No				2018-09-26	2018-10-08	6		2018-09-30	ND														
5011396	A18_08	A18_08	626	COLLEGE ST	Lead	Copper	PEX	Not Replaced	2018-09-27		No				2018-08-25	2018-09-06	12		2018-10-01	4.5														
5054157	A14_03	A14_03	1914	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2018-09-27		No								2018-10-03	18.4														
5122297	A10_M	A10_M	112	NORTH AVE	Lead	Lead	PEX	Copper	2018-09-27	2018-09-27	No								2018-10-10	ND														
5011393	A18_08	A18_08	620	COLLEGE AVE	Lead	Lead	PEX	Copper	2018-09-27	2018-09-27	No								2018-09-28	29														
5056548	Ops		66	MILLBRIDGE ST	Lead	Copper	PEX	Not Replaced	2018-09-28		No		Emergency						2019-04-06	1.86														
5011397	A18_08	A18_08	5901	ALDER ST	Lead	Copper	PEX	Not Replaced	2018-09-28		No								2018-09-29	7.9														
5011500	A18_08	A18_08	341	SPAHR ST	Lead	Copper	PEX	Not Replaced	2018-09-28		No				2018-08-25	2018-09-13	8		2018-09-29	21.6		2018-10-02	4.7		2018-10-04	7.1								
5054158	A14_03	A14_03	1912	SIDNEY ST	Lead	Lead	PEX	Copper	2018-09-28	2018-09-28	No				2018-09-24	2018-10-08	6		2018-09-29	ND														
5049661	A15_05_A	A15_05_A	895	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-01	2018-10-01	No				2018-07-21	2018-08-03	4		2018-10-02	ND														
5054156	A14_03	A14_03	1916	SIDNEY ST	Lead	Lead	PEX	Copper	2018-10-01	2018-10-01	No								2018-10-02	7														
5011418	A18_08	A18_08	5816	ALDER ST	Lead	Lead	PEX	Copper	2018-10-01	2018-10-01	No								2018-10-03	55														
5049595	A15_05_A	A15_05_A	888	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-01	2018-10-01	No				2018-07-19	2018-08-17	12		2018-10-02	ND														
5011482	A18_08	A18_08	342	SPAHR ST	Lead	Copper	PEX	Not Replaced	2018-10-01		No				2018-09-06	2018-10-12	7		2018-10-03	ND														
5049622	A15_05_A	A15_05_A	962	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-01	2018-10-01	No								2018-10-10	54														
5035561	Ops		1303	SHADY AVE	Lead	Copper	PEX	Not Replaced	2018-10-02		No		Emergency						2018-10-03	ND														
5054165	A14_03	A14_03	1919	WRIGHTS WAY	Lead	Copper	PEX	Not Replaced	2018-10-02		No				2018-09-27	2018-10-08	5		2018-10-03	4.8														
5122875	A10_M	A10_M	542	NORTH AVENUE	Lead	Lead	PEX	Copper	2018-10-02	2018-10-02	No								2018-10-03	ND														
5049655	A15_05_A	A15_05_A	915	KENNEBEC ST	Lead	Copper	PEX	Not Replaced	2018-10-02		No				2018-07-21	2018-08-07	4		2018-10-04	ND														
5040180	Ops		3308	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2018-10-03		No		Emergency						2018-10-11	14														
5049660	A15_05_A	A15_05_A	897	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-03	2018-10-03	No				2018-07-22	2019-01-14	5		2018-10-08	ND														
5045770	A15_05_A	A15_05_A	858	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-03	2018-10-03	No				2018-07-25	2018-08-07	16		2018-10-06	ND														
5050481	A14_03	A14_03	2103	WHARTON ST	Lead	Lead	PEX	Copper	2018-10-03	2018-10-03	No				2018-09-11	2018-10-12	11		2018-10-08	12														
5049645	A15_05_A	A15_05_A	945	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-03	2018-10-03	No				2018-08-08	2018-08-23	66		2018-10-06	24		2019-02-12	3.07											
5061705	Ops		667	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2018-10-04		No		Emergency						2018-10-05	7.4														
5049643	A15_05_A	A15_05_A	951	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-04	2018-10-04	No				2018-07-21	2018-08-03	35		2018-10-24	6.9														
5011490	A18_08	A18_08	367	SPAHR ST	Lead	Lead	PEX	Copper	2018-10-04	2018-10-04	No				2018-08-23	2018-09-06	20		2018-10-05	5.6														
5045762	A15_05_A	A15_05_A	830	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-04	2018-10-04	No				2018-07-20	2018-08-07	21		2018-10-05	ND														
5050486	A14_03	A14_03	2109	WHARTON ST	Lead	Lead	PEX	Copper	2018-10-04	2018-10-04	No				2018-09-08	2018-10-12	16		2018-10-19	10														
5050488	A14_03	A14_03	2110	MERRIMAN ST	Lead	Copper	PEX	Not Replaced	2018-10-04		No				2018-09-07	2018-10-12	38		2018-10-06	11														
5045761	A15_05_A	A15_05_A	828	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-04	2018-10-04	No								2019-01-05	ND														
5073526	Ops	BLG	3112	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2018-10-05	2018-12-18	Yes		Emergency		2018-10-01	2018-10-11	430		2018-10-15	8		2018-12-21	ND											
5050496	A14_03	A14_03	2127	WHARTON ST	Lead	Copper	PEX	Not Replaced	2018-10-05		No				2018-09-10	2018-10-12	15		2018-10-06	4.2														
5050497	A14_03	A14_03	2129	WHARTON ST	Lead	Lead	PEX	Copper	2018-10-08	2018-10-08	No								2018-10-09	4.2														
5011487	A18_08	A18_08	352	SPAHR ST	Lead	Lead	PEX	Copper	2018-10-08	2018-10-08	No				2018-08-28	2018-09-11	24		2018-10-09	8.2														
5011945	A18_08	A18_08	712	COLLEGE AVE	Lead	Lead	PEX	Copper	2018-10-08	2018-10-08	No				2018-09-05	2018-10-12	25		2018-11-12	1.4														
5021269	Ops		4231	STANTON AVE	Lead	Copper	PEX	Not Replaced	2018-10-09		No		Emergency						2018-11-05	1.7														
5049685	A15_05_A	A15_05_A	1040	WELFER ST	Lead	Lead	PEX	Copper	2018-10-10	2018-10-10	No				2018-07-21	2018-08-03	9		2018-10-13	5														
5050509	A14_03	A14_03	52	S 22ND ST	Lead	Lead	PEX	Copper	2018-10-11	2018-10-11	No				2018-09-06	2018-10-12	9		2018-10-20	5.8														
5122149	A10_M	A10_M	323	COLTON STREET	Lead	Lead	PEX	Not Replaced	2018-10-12		Yes								2018-10-15	23.6		2019-02-04	5.39										
5011943	A18_08	A18_08	645	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-12	2018-10-12	No				2018-08-26	2018-09-11	19		2018-10-19	ND														
5011885	A18_08	A18_08	642	MARYLAND AVE	Lead	Copper	PEX	Not Replaced	2018-10-15		No								2018-10-16	7.9														
5050602	A14_03	A14_03	2347	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2018-10-15		No				2018-09-08	2018-10-12	8		2018-10-19	6.6														
5049618	A15_05_A	A15_05_A	950	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-15	2018-10-15	No				2018-07-25	2018-08-07	36		2018-10-17	14.6														
5012374	A18_08	A18_08	5716	WALNUT ST	Lead	Lead	PEX	Copper	2018-10-15	2018-10-15	No				2018-08-29	2018-09-11	12		2018-11-29	ND														
5049686	A15_05_A	A15_05_A	1044	WELFER ST	Lead	Lead	PEX	Copper	2018-10-15	2018-10-15	No								2018-10-16	114														
5011421	A18_08	A18_08	639	MARYLAND AVE	Lead	Copper	PEX	Not Replaced	2018-10-15		No				2018-08-23	2018-09-06	8		2018-10-22	18.8		2019-03-09	ND											
5122481	A10_M	A10_M	325	WILLIAM STREET	Lead	Lead	PEX	Not Replaced	2018-10-15		Yes				2018-08-08	2018-08-21	ND		2018-11-20	ND														
5122480	A10_M	A10_M	323	WILLIAM STREET	Lead	Lead	PEX	Not Replaced	2018-10-15		Yes				2018-08-07	2018-08-21	ND		2018-10-20	ND														
5049606	A15_05_A	A15_05_A	914	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-15	2018-10-15	No				2018-07-21	2018-08-21	13		2018-10-16	20		2019-02-07	1.73											
5011328	A18_08	A18_08	507	MARYLAND AVE	Lead	Copper	PEX	Not Replaced	2018-10-15		No								2018-10-21	7.3														
5050650	A14_03	A14_03	2412	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2018-10-16		No				2018-09-18	2018-10-12	ND		2018-10-25	ND														
5050648	A14_03	A14_03	2420	SIDNEY ST	Lead	Copper	PEX	Not Replaced	2018-10-16		No								2018-10-17	ND														
5050591	A14_03	A14_03	93	24TH ST	Lead	Lead	PEX	Copper	2018-10-16	2018-10-16	No				2018-09-11	2018-10-12	ND		2018-10-28	ND														
5012359	A18_08	A18_08	5729	WALNUT ST	Lead	Lead	PEX	Copper	2018-10-16	2018-10-16	No				2018-08-26	2018-09-11	ND		2018-11-29	ND														
5012369	A18_08	A18_08	5728	WALNUT ST	Lead	Copper	PEX	Not Replaced	2018-10-16		No				2018-08-27	2018-09-11	ND		2018-10-18	24		2019-01-14	ND											
5050587	A14_03	A14_03	2408	SIDNEY ST	Lead	Lead	PEX	Copper	2018-10-16	2018-10-16	No				2018-09-07	2018-10-12	12		2018-10-17	3.1														
5049651	A15_05_A	A15_05_A	927	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-16	2018-10-16	No				2018-07-29	2018-08-21	11		2018-10-21	ND														
5050651	A14_03	A14_03	2410	SIDNEY ST	Lead	Lead	PEX	Copper	2018-10-16	2018-10-16	No				2018-09-11	2018-10-12	ND		2018-10-23	3														
5049652	A15_05_A	A15_05_A	923	KENNEBEC ST	Lead	Lead	PEX	Not Replaced	2018-10-16		Yes								2018-10-19	23.6		2019-02-15	25.3		2019-04-10	8.38								
5049691	A15_05_A	A15_05_A	1045	WELFER ST	Lead	Copper	PEX	Not Replaced	2018-10-17		No								2018-10-22	ND														
5049662	A15_05_A	A15_05_A	893	KENNEBEC ST	Lead	Lead	PEX	Copper	2018-10-17	2018-10-17	No				2018-07-22	2018-08-07	60		2018-10-18	15		2019-05-17	15.3											
5012372	Ops	A18_08	5720	WALNUT ST	Lead	Lead	PEX	Copper	2018-10-17	2018-10-18	Yes		Emergency		2018-09-07	2018-10-12	13		2018-10-20	8.1														
5029669	Ops	BLG	6428	MEADOW ST	Lead	Lead	PEX	Copper	2018-10-18	2019-02-21	Yes		Emergency						2019-02-25	4.93														
5045789	A15_05_A	A15_05_A	839	MIRROR ST	Lead	Lead	PEX	Copper	2018-10-18	2018-10-18	No				2018-08-28	2018-09-11	24		2018-10-29	ND														
5012478	A18_08	A18_08	5900	HOWE ST	Lead	Copper	PEX	Not Replaced	2018-10-18		No								2018-10-25	1.6														
5050943	A14_03	A14_03	2303	SARAH ST	Lead	Lead	PEX	Copper	2018-10-18	2018-10-18	No				2018-09-19	2018-10-12	8		2018-10-19	8.6														
5011929	A18_08	A18_08	657	MARYLAND AVE	Lead	Copper	PEX	Not Replaced	2018-10-18		No				2018-08-26	2018-09-11	ND		2018-10-22	5														
5011930	A18_08	A18_08	655	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-18	2018-10-18	No								2018-10-19	3.5														
5011879	A18_08	A18_08	5733	WALNUT ST	Lead	Lead	PEX	Copper	2018-10-19	2018-10-19	No				2018-08-18	2018-09-11	30		2018-10-27	ND														
5035108	Ops		1081	SHADY AVE	Lead	PEX	PEX	Not Replaced	2018-10-22		No		Emergency						2018-10-24	52														
5011894	A18_08	A18_08	704	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-22	2018-10-22	No				2018-09-27	2018-10-18	13.8		2018-10-22	5.9														

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5012481	A18_08	A18_08	908	COLLEGE AVE	Lead	Lead	PEX	Not Replaced	2018-10-22		Yes								2018-10-24	550													
5049422	A15_05_A	A15_05_A	1027	MIRROR ST	Lead	Lead	PEX	Copper	2018-10-22	2018-10-22	No				2018-07-26	2018-08-09	14		2018-11-01	ND													
5049454	A15_05_A	A15_05_A	934	MIRROR ST	Lead	Copper	PEX	Not Replaced	2018-10-22		No				2018-07-21	2018-08-03	4		2018-10-23	21.4		2019-02-08	1.01									
5011917	A18_08	A18_08	703	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-22	2018-10-22	No				2018-09-22	2018-10-08	17		2018-10-25	8.7													
5045790	A15_05_A	A15_05_A	837	MIRROR ST	Lead	Lead	PEX	Copper	2018-10-23	2018-10-23	No				2018-08-27	2018-09-11	20		2018-10-25	22.4		2019-02-27	3.34									
5011895	A18_08	A18_08	706	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-23	2018-10-23	No								2018-10-24	18.8		2019-03-06	6.27									
5051002	A14_03	A14_03	2413	SARAH ST	Lead	Copper	PEX	Not Replaced	2018-10-23		No				2018-09-10	2018-10-12	127		2018-10-25	ND		2018-11-02	ND									
5045786	A15_05_A	A15_05_A	860	MIRROR ST	Lead	Copper	PEX	Not Replaced	2018-10-23		No				2018-07-23	2018-08-07	16		2018-10-30	ND													
5050999	A14_03	A14_03	2407	SARAH ST	Lead	Copper	PEX	Not Replaced	2018-10-23		No				2018-09-12	2018-10-12	14		2018-10-25	7.1													
5011918	A18_08	A18_08	701	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-23	2018-10-23	No				2018-09-04	2018-10-12	24		2018-10-29	3													
5011896	A18_08	A18_08	708	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-24	2018-10-24	No				2018-09-03	2018-10-12	16		2018-10-26	15.6		2019-03-17	3.05									
5050777	A14_03	A14_03	2213	SARAH ST	Lead	Copper	PEX	Not Replaced	2018-10-24		No				2018-09-07	2018-10-12	ND		2018-10-25	4.8													
5011969	A18_08	A18_08	5822	WALNUT ST	Lead	Copper	PEX	Not Replaced	2018-10-24		No				2018-08-23	2018-09-06	10		2018-11-26	4.1													
5122238	A10_M	A10_M	609	FREMONT STREET	Lead	Copper	PEX	Not Replaced	2018-10-24		No				2018-07-25	2018-08-07	ND		2018-10-26	ND													
5051013	A14_03	A14_03	2416	CAREY WAY	Lead	Copper	PEX	Not Replaced	2018-10-24		No								2018-11-30	33.6													
5056912	Ops	BLG	921	MANTON WAY	Lead	Lead	PEX	Copper	2018-10-25	2019-02-18	Yes		Emergency						2018-12-21	ND													
5051015	A14_03	A14_03	2418	CAREY WAY	Lead	Copper	PEX	Not Replaced	2018-10-25		No				2018-09-09	2018-10-12	7		2018-11-04	3.5													
5011970	A18_08	A18_08	5834	WALNUT ST	Lead	Lead	PEX	Copper	2018-10-25	2018-10-25	No				2018-08-27	2018-09-11	18		2018-10-29	8													
5011951	A18_08	A18_08	5823	ELMER ST	Lead	Lead	PEX	Copper	2018-10-25	2018-10-25	No								2018-11-03	ND													
5051018	A14_03	A14_03	2424	CAREY WAY	Lead	Lead	PEX	Copper	2018-10-25	2018-10-25	No				2018-09-14	2018-10-12	8		2018-10-26	ND													
5011898	A18_08	A18_08	716	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-25	2018-10-25	No								2018-11-02	10													
5049436	A15_05_A	A15_05_A	1024	MIRROR ST	Lead	Copper	PEX	Not Replaced	2018-10-25		No				2018-07-19	2018-08-07	14		2018-10-31	18													
5050774	A14_03	A14_03	2207	SARAH ST	Lead	Copper	PEX	Not Replaced	2018-10-25		No				2018-09-20	2018-10-12	19		2018-11-19	4.9													
5011921	A18_08	A18_08	5821	ELMER ST	Lead	Lead	PEX	Not Replaced	2018-10-26		Yes				2018-09-23	2018-10-08	7		2018-12-11	11.8													
5022128	A17_07	A17_07	1100	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-10-30	2018-10-30	No								2018-10-30	3.1		2018-11-05	ND									
5012513	A18_08	A18_08	5806	WALNUT ST	Lead	Lead	PEX	Copper	2018-10-31	2018-10-31	No								2018-11-02	3.9													
5012360	A18_08	A18_08	820	MARYLAND AVE	Lead	Lead	PEX	Copper	2018-10-31	2018-10-31	No				2018-08-25	2018-09-11	18		2018-11-01	ND													
5011875	A18_08	A18_08	5743	ELMER ST	Lead	Copper	PEX	Not Replaced	2018-10-31		No				2018-08-23	2018-09-06	6		2018-11-16	ND													
5011922	A18_08	A18_08	5819	ELMER ST	Lead	Lead	PEX	Copper	2018-11-01	2018-11-01	No				2018-09-22	2019-01-14	5		2018-12-08	ND													
5022132	A17_07	A17_07	1110	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-01	2018-11-01	No				2018-10-31	2019-01-14	17		2018-11-04	1.4													
5022133	A17_07	A17_07	1112	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-01	2018-11-01	No								2018-12-21	ND													
5022139	A17_07	A17_07	1136	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-02	2018-11-02	No				2018-11-01	2019-01-14	11		2018-11-05	1.9													
5078289	Ops	BLG	3400	MASSACHUSETTS AVE	Lead	Lead	PEX	Copper	2018-11-03	2019-03-01	Yes		Emergency						2019-03-03	3.43													
5034879	Ops		5387	NORTHUMBERLAND ST	Lead	Copper	PEX	Not Replaced	2018-11-05		No		Emergency						2018-11-11	1.1													
5022134	A17_07	A17_07	1116	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-05	2018-11-05	No								2018-11-08	1.3													
5012526	A18_08	A18_08	5833	HOWE ST	Lead	Lead	PEX	Copper	2018-11-05	2018-11-05	No				2018-08-27	2018-09-11	6		2018-11-06	5.8													
5012508	A18_08	A18_08	5747	KENTUCKY AVE	Lead	Copper	PEX	Not Replaced	2018-11-05		No								2019-03-15	2.28													
5070978	A16_06	A16_06	1402	MONTEREY ST	Lead	Lead	Copper	Copper	2018-11-05	2018-11-05	No				2018-10-29	2019-01-14	11		2019-01-02	ND													
5012420	A18_08	A18_08	5731	KENTUCKY AVE	Lead	Copper	PEX	Not Replaced	2018-11-05		No								2018-12-20	5.1													
5022147	A17_07	A17_07	1166	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-06	2018-11-06	No								2018-11-13	1.3													
5022146	A17_07	A17_07	1162	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-06	2018-11-06	No				2018-10-31	2019-01-14	17		2018-11-07	1													
5012523	A18_08	A18_08	5809	HOWE ST	Lead	Lead	PEX	Copper	2018-11-06	2018-11-06	No				2018-08-27	2018-09-11	6		2018-11-16	ND													
5070979	A16_06	A16_06	1404	MONTEREY ST	Lead	Lead	Copper	Copper	2018-11-06	2018-11-06	No				2018-10-24	2018-11-09	ND		2018-11-15	ND													
5022148	A17_07	A17_07	1170	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-06	2018-11-06	No								2018-11-06	3		2018-11-27	ND									
5012458	A18_08	A18_08	5816	KENTUCKY AVE	Lead	Copper	PEX	Not Replaced	2018-11-06		No				2018-09-19	2019-01-14	ND		2018-11-10	4.7													
5022145	A17_07	A17_07	1158	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-06	2018-11-06	No								2018-11-10	ND													
5022138	A17_07	A17_07	1132	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-06	2018-11-06	No								2018-11-07	1.3													
5070949	A16_06	A16_06	1500	MONTEREY ST	Lead	Lead	Copper	Copper	2018-11-06	2018-11-06	No				2018-10-18	2018-11-09	13		2018-12-23	ND													
5022137	A17_07	A17_07	1128	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-07	2018-11-07	No								2018-11-13	3.8													
5012525	A18_08	A18_08	5819	HOWE ST	Lead	Lead	PEX	Copper	2018-11-07	2018-11-07	No				2018-08-23	2018-09-06	6		2018-11-08	5.5													
5028749	A09_09	A09_09	6435	DEAN ST	Lead	Lead	PEX	Copper	2018-11-07	2018-11-07	No				2018-10-29	2018-11-09	9.1		2018-11-19	ND		2018-11-19	ND									
5022111	A17_07	A17_07	1153	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-07	2018-11-07	No								2018-11-12	3													
5012419	A18_08	A18_08	5729	KENTUCKY AVE	Lead	Lead	PEX	Copper	2018-11-07	2018-11-07	No				2018-08-26	2018-09-11	12		2018-11-08	8.7													
5028740	A09_09	A09_09	6415	DEAN ST	Lead	Lead	PEX	Copper	2018-11-07	2018-11-07	No				2018-10-22	2018-11-09	6.5		2018-11-08	2.7													
5012451	A18_08	A18_08	5756	KENTUCKY AVE	Lead	Lead	Copper	Copper	2018-11-08	2018-11-08	No								2018-11-09	2.3													
5022118	A17_07	A17_07	1115	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-08	2018-11-08	No								2018-11-10	ND													
5012493	A18_08	A18_08	5818	HOWE ST	Lead	Lead	PEX	Copper	2018-11-08	2018-11-08	No				2018-08-30	2018-09-13	15		2018-11-09	6.4													
5022119	A17_07	A17_07	1111	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-08	2018-11-08	No				2018-10-30	2019-01-14	116		2019-01-30	3.51													
5011590	Ops		357	LEHIGH AVE	Lead	Copper	PEX	Not Replaced	2018-11-09		No		Emergency						2019-06-11	ND													
5021974	A17_07	A17_07	1208	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-09	2018-11-09	No								2018-11-15	4.5													
5021963	A17_07	A17_07	1252	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-09	2018-11-09	No								2018-11-11	4.5													
5022109	A17_07	A17_07	1161	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-10	2018-11-10	No								2018-11-13	25.2		2019-02-04	3.25									
5021961	A17_07	A17_07	1258	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-12	2018-11-12	No								2018-11-15	1.3													
5021931	A17_07	A17_07	1213	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-12		No								2018-11-14	67		2019-03-06	6.25									
5012415	A18_08	A18_08	5721	KENTUCKY AVE	Lead	Copper	PEX	Not Replaced	2018-11-12		No				2018-08-23	2018-09-06	13		2018-12-11	ND													
5021970	A17_07	A17_07	1220	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-12	2018-11-12	No								2019-01-17	ND													
5021969	A17_07	A17_07	1222	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-12	2018-11-12	No				2018-11-09	2018-11-27	40.5		2018-11-17	ND													
5021942	A17_07	A17_07	1255	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-12		No								2018-11-14	ND													
5021933	A17_07	A17_07	1223	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-12	2018-11-12	No								2018-11-13	7.9													
5028736	A09_09	A09_09	6361	DEAN ST	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No				2018-10-27	2018-11-09	12.6		2018-11-14	4.4													
5021960	A17_07	A17_07	1260	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No								2018-11-13	39		2019-02-14	ND									
5021934	A17_07	A17_07	1227	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No								2018-11-15	1													
5021967	A17_07	A17_07	1232	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No								2018-11-16	14.8													
5012426	A18_08	A18_08	5743	KENTUCKY AVE	Lead	Copper	PEX	Not Replaced	2018-11-13		No				2018-08-24	2018-09-06	13		2018-11-20	ND													
5028802	A09_09	A09_09	6439	APPLE AVE	Lead	Copper	PEX	Not Replaced	2018-11-13		No				2018-10-26	2018-11-09	11.2		2018-11-14	1460		2018-12-15	32		2019-05-17	5.42						
5021937	A17_07	A17_07	1233	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No				2018-11-08	2018-11-27	1.8		2018-12-03	ND													
5022115	A17_07	A17_07	1135	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No				2018-10-30	2019-01-14	16		2018-11-15	2													
5022107	A17_07	A17_07	1167	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No								2018-11-15	5.3													
5021941	A17_07	A17_07	1247	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-13	2018-11-13	No				2018-11-11	2018-12-05	ND		2018-11-13	7.7													
5012395	A18_08	A18_08	5740	HOWE ST	Lead	Lead	PEX	Copper	2018-11-14	2018-11-14	No								2018-11-17	ND													
5021927	A17_07	A17_07	1201	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-14		No				2018-11-12	2018-11-27	1.4		2018-11-18	ND													
5012405	A18_08	A18_08	5712	HOWE ST	Lead	Lead	PEX	Copper	2018-11-14	2018-11-14	No				2018-08-24	2018-09-11	ND		2018-11-15	ND													
5012488	A18_08	A18_08	5819	KENTUCKY AVE	Lead	Lead	PEX	Copper	2018-11-14	2018-11-14	No				2018-09-25	2018-10-08	33		2019-02-11	4.53													
5021929	A17_07	A17_07	1207	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-14		No								2018-11-17	ND													
5070931	A16_06	A16_06	1517	BUENA VISTA ST	Lead	PEX	Copper	Not Replaced	2018-11-14		No								2018-11-18	ND													
5028790	A09_09	A09_09	1149	PAULSON AVE	Lead	Lead	PEX	Copper	2018-11-14	2018-11-14	No				2018-10-23	2018-11-09	53		2018-11-15	6													
5021959	A17_07	A17_07	1400	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-15	2018-11-15	No								2018-11-19	ND													
5012394	A18_08	A18_08	5742	HOWE ST	Lead	Lead	PEX	Copper	2018-11-15	2018-11-15	No								2018-11-27	ND													
5011908	A18_08	A18_08	5803	WALNUT ST	Lead	Lead	PEX	Copper	2018-11-15	2018-11-15	No				2018-08-27	2018-09-13	24		2018-11-17	29													
5021958	A17_07	A17_07	1404	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-15	2018-11-15	No				2018-11-13	2018-11-27	13		2018-11-18	ND													
5073741	Ops		400	MILROY ST	Lead	PEX	PEX	Not Replaced	2018-11-16		No		Emergency						2018-11-17	6.7													
5024285	A17_07	A17_07	1436	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-16	2018-11-16	No								2018-11-20	ND													
5012425	A18_08	A18_08	5741	KENTUCKY AVE	Lead	Lead	PEX	Copper	2018-11-16	2018-11-23	Yes								2018-11-29	6.9													
5012406	A18_08	A18_08	901	S NEGLEY AVE	Lead	Lead	PEX	Copper	2018-11-16	2018-11-16	No				2018-08-28	2018-10-12	ND		2018-11-27	ND													
5021955	A17_07	A17_07	1414	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-16	2018-11-16	No								2018-11-19	ND													
5012397	A18_08	A18_08	5734-5736	HOWE ST	Lead	Lead	PEX	Copper	2018-11-16	2018-11-16	No								2018-11-17	ND													
5072550	Ops	BLG	309	ELSDON ST	Lead	Lead	PEX	Copper	2018-11-17	2019-03-07	Yes		Emergency						2019-02-26	99.9													
5021954	A17_07	A17_07	1418	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-19	2018-11-19	No								2018-11-22	ND													
5021943	A17_07	A17_07	1257	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-19		No								2018-11-25	70		2019-03-25	ND									
5021945	A17_07	A17_07	1401	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-19		No				2018-11-04	2018-11-27	ND		2018-11-24	ND													
5021953	A17_07	A17_07	1422	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-19		No								2018-11-23	ND													
5070504	A16_06	A16_06	708	ARMANDALE ST	Lead	Lead	Copper	Copper	2018-11-19	2018-11-19	No								2018-11-27	ND													
5029209	A09_09	A09_09	1118 1/2	PAULSON AVE	Lead	Lead	PEX	Copper	2018-11-19	2018-11-19	No				2018-10-30	2019-01-14	13		2018-11-20	12.4													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5046499	Ops		4311	GLADSTONE ST	Lead	PEX	PEX	Not Replaced	2018-11-20		No		Emergency						2018-12-10	4.4													
5012407	A18_08	A18_08	907	S NEGLEY AVE	Lead	Lead	PEX	Copper	2018-11-20	2018-11-20	No				2018-08-23	2019-01-14	17		2019-11-17	5.08													
5024283	A17_07	A17_07	1444	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-20	2018-11-20	No								2018-11-23	ND													
5024298	A17_07	A17_07	1443	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-20	2018-11-20	No								2018-11-21	ND													
5024301	A17_07	A17_07	1609	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-20		No								2018-12-30	ND													
5070445	A16_06	A16_06	517	ARMANDALE ST	Lead	Lead	Copper	Copper	2018-11-20	2018-11-20	No				2018-10-16	2019-01-14	8		2018-11-20	11													
5028805	A09_09	A09_09	6425	APPLE AVE	Lead	Copper	PEX	Not Replaced	2018-11-20		No				2018-10-24	2018-11-09	3.3		2018-11-23	ND													
5061059	Ops	BLG_01	165	OLYMPIA ST	Lead	Lead	PEX	Copper	2018-11-21	2019-08-19	Yes		Emergency						2019-09-02	2.49													
5021950	A17_07	A17_07	1413	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-21		No								2018-11-28	59		2019-02-15	5.73										
5070384	A16_06	A16_06	522	ARMANDALE ST	Lead	Lead	Copper	Copper	2018-11-21	2018-11-21	No								2018-11-25	ND													
5021948	A17_07	A17_07	1407	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-21		No								2019-01-07	ND													
5070385	A16_06	A16_06	524	ARMANDALE ST	Lead	Copper	Copper	Not Replaced	2018-11-21		No				2018-10-22	2018-11-09	ND		2018-12-21	ND													
5024295	A17_07	A17_07	1435	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-11-23		No								2018-11-26	ND													
5012345	A18_08	A18_08	727	S NEGLEY AVE	Lead	Lead	PEX	Copper	2018-11-23	2018-11-23	No				2018-08-29	2018-09-11	36		2018-11-29	28.4		2019-03-09	4.56										
5024289	A17_07	A17_07	1424	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-23	2018-11-23	No								2018-12-17	ND													
5037464	Ops	BLG	5465	BARTLETT ST	Lead	Lead	PEX	Copper	2018-11-24	2019-02-07	Yes		Emergency						2019-01-07	9.6		2019-02-11	4.62										
5024293	A17_07	A17_07	1429	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-26	2018-11-26	No				2018-10-31	2019-01-03	17		2018-12-30	ND													
5025632	Ops	BLG	5517	AVONDALE PL	Lead	Lead	PEX	Copper	2018-11-27	2019-02-22	Yes		Emergency						2019-01-22	1310		2019-03-01	1.51										
5024272	A17_07	A17_07	1630	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-27	2018-11-27	No				2018-10-31	2019-01-14	ND		2018-11-28	4.1													
5024279	A17_07	A17_07	1608	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-27	2018-11-27	No								2018-12-03	5.2													
5024305	A17_07	A17_07	1619	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-27	2018-11-27	No								2018-11-28	ND													
5024277	A17_07	A17_07	1616	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-27	2018-11-27	No								2018-11-28	6.7													
5024304	A17_07	A17_07	1615	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-28	2018-11-28	No								2018-12-30	ND													
5024306	A17_07	A17_07	1623	MORNINGSIDE AVE	Lead	PEX	PEX	Not Replaced	2018-11-29		No				2018-11-06	2018-11-27	ND		2018-12-10	ND													
5028763	A09_09	A09_09	1155	PAULSON AVE	Lead	Lead	PEX	Copper	2018-11-29	2018-11-29	No								2018-12-01	28.8		2019-02-23	ND										
5011804	A18_08	A18_08	634	S NEGLEY AVE	Lead	Copper	PEX	Not Replaced	2018-11-30		No				2018-08-28	2018-09-11	6		2018-12-03	ND													
5070397	A16_06	A16_06	612	ARMANDALE ST	Lead	Copper	Copper	Not Replaced	2018-11-30		No								2018-12-01	ND													
5024315	A17_07	A17_07	1649	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-30	2018-11-30	No				2018-11-07	2018-11-27	5.7		2018-12-20	ND													
5024313	A17_07	A17_07	1641	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-11-30	2018-11-30	No				2018-10-31	2019-01-14	12		2018-12-04	ND													
5029247	A09_09	A09_09	6526	DEARY ST	Lead	Lead	PEX	Copper	2018-11-30	2018-11-30	No				2018-11-01	2019-01-14	15		2018-12-06	12													
5021216	Ops	BLG	5310	CAMELIA ST	Lead	Lead	PEX	Not Replaced	2018-12-03		Yes		Emergency						2018-12-04	ND													
5023875	A17_07	A17_07	1685	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-03	2018-12-03	No				2018-10-25	2018-11-08	7.9		2018-12-05	ND													
5070439	A16_06	A16_06	522	ALPINE AVE	Lead	Copper	Copper	Not Replaced	2018-12-03		No				2018-11-19	2018-12-05	ND		2018-12-05	ND													
5029230	A09_09	A09_09	6545	DEARY ST	Lead	Lead	PEX	Copper	2018-12-03	2018-12-03	No								2018-12-04	5.4													
5011801	A18_08	A18_08	628	S NEGLEY AVE	Lead	Lead	PEX	Copper	2018-12-03	2018-12-03	No				2018-08-23	2018-09-11	8		2018-12-15	ND													
5023874	A17_07	A17_07	1683	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-03	2018-12-03	No								2018-12-04	ND													
5023943	A17_07	A17_07	1730	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-03	2018-12-03	No								2018-12-05	5													
5023934	A17_07	A17_07	1712	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-03	2018-12-03	No				2018-11-15	2018-11-27	6.4		2018-12-07	60		2019-04-05	4.71										
5023942	A17_07	A17_07	1728	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-04	2018-12-04	No								2018-12-04	ND													
5011820	A18_08	A18_08	629	S NEGLEY AVE	Lead	Lead	PEX	Copper	2018-12-04	2018-12-04	No				2018-08-23	2018-09-11	15		2018-12-05	12.6													
5029199	A09_09	A09_09	6530	APPLE AVE	Lead	Copper	Copper	Not Replaced	2018-12-04		No				2018-10-23	2018-11-09	9.1		2018-12-04	7.3													
5023935	A17_07	A17_07	1710	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-05	2018-12-05	No				2018-11-30	2018-12-10	39.5		2018-12-05	ND													
5070655	A16_06	A16_06	221	ALPINE AVE	Lead	Copper	Copper	Not Replaced	2018-12-05		No								2018-12-13	ND													
5021962	A17_07	A17_07	1254	MORNINGSIDE AVE	Lead	Lead	PEX	Not Replaced	2018-12-05		Yes								2018-12-07	20.8		2019-05-24	3.95										
5029244	A09_09	A09_09	6534	DEARY ST	Lead	Lead	PEX	Copper	2018-12-05	2018-12-05	No								2018-12-09	5.4													
5060430	Ops	BLG_01	331	CLARENCE ST	Lead	Lead	PEX	Copper	2018-12-06	2019-04-26	Yes		Emergency						2018-12-12	5		2019-05-12	ND										
5011569	Ops		5978	ALDER ST	Lead	Copper	PEX	Not Replaced	2018-12-06		No		Emergency						2018-12-08	ND													
5023933	A17_07	A17_07	1708	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-06	2018-12-06	No								2018-12-08	7.4													
5070591	A16_06	A16_06	114	CARRINGTON ST	Lead	Lead	Copper	Copper	2018-12-06	2018-12-06	No								2018-12-11	ND													
5023912	A17_07	A17_07	1745	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-06	2018-12-06	No								2018-12-11	4.8													
5023911	A17_07	A17_07	1747	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-06	2018-12-06	No								2018-12-08	5.2													
5029246	A09_09	A09_09	6530	DEARY ST	Lead	Lead	PEX	Not Replaced	2018-12-06		Yes								2019-01-16	2.9													
5023913	A17_07	A17_07	1743	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-07	2018-12-07	No				2018-11-03	2019-01-14	15		2018-12-08	5													
5023886	A17_07	A17_07	1678	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-07	2018-12-07	No								2018-12-30	ND													
5072977	Ops	BLG_01	5	NETTIE ST	Lead	Lead	PEX	Copper	2018-12-10	2019-04-30	Yes		Emergency						2019-03-09	2.82		2019-05-13	ND										
5070709	A16_06	A16_06	16	JACKSONIA ST	Lead	Lead	Copper	Copper	2018-12-10	2018-12-10	No								2018-12-24	ND													
5028031	CEP	CEP	1414	BROWNING RD	Copper	Lead	Not Replaced	Copper		2018-12-10	No								2019-03-20	1.51													
5023915	A17_07	A17_07	1733	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-12-10		No								2018-12-11	4.6													
5023928	A17_07	A17_07	1705	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-12-10		No								2018-12-13	4.1													
5070405	A16_06	A16_06	409	ARMANDALE ST	Lead	Copper	Copper	Not Replaced	2018-12-10		No								2018-12-11	ND													
5023909	A17_07	A17_07	1805	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-10	2018-12-10	No								2019-01-05	6													
5070716	A16_06	A16_06	11	JACKSONIA ST	Lead	Lead	Copper	Copper	2018-12-11	2018-12-11	No								2018-12-12	4.6													
5023944	A17_07	A17_07	1732	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-11	2018-12-11	No								2018-12-13	ND													
5077603	CEP	CEP	3557	ELMHURST AVE	Lead	Lead	PEX	Copper	2018-12-11	2018-12-11	No								2018-12-12	5.4													
5070707	A16_06	A16_06	20	JACKSONIA ST	Lead	Copper	Copper	Not Replaced	2018-12-11		No								2019-03-20	8.1													
5023533	A17_07	A17_07	1835	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-11	2018-12-11	No								2018-12-14	ND													
5023540	A17_07	A17_07	1821	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2018-12-12		No								2019-05-14	1.5													
5058987	A12_02_A	A12_02_A	5	NORTON ST	Lead	Lead	PEX	Copper	2018-12-12	2018-12-12	No				2018-07-09	2018-07-30	ND		2018-12-14	ND													
5071070	A16_06	A16_06	1401	ARCH ST	Lead	Lead	Copper	Copper	2018-12-12	2018-12-12	No				2018-10-19	2018-11-09	1.7		2018-12-13	ND													
5071040	A16_06	A16_06	303	JACKSONIA ST	Lead	Copper	Copper	Not Replaced	2018-12-12		No				2018-10-18	2018-11-09	36.5		2019-03-28	2.13													
5069433	Ops	BLG_01	1806	RIALTO ST	Lead	Lead	PEX	Copper	2018-12-13	2019-04-18	Yes		Emergency						2018-12-14	43		2019-04-19	11.6		2019-11-03	1.97							
5023534	A17_07	A17_07	1833	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-13	2018-12-13	No								2018-12-21	28.8		2019-03-06	13.5										
5071077	A16_06	A16_06	1404	ARCH ST	Lead	Copper	Copper	Not Replaced	2018-12-13		No								2018-12-14	7.8													
5023908	A17_07	A17_07	1807	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-14	2018-12-14	No								2018-12-15	5.9													
5023528	A17_07	A17_07	1824	DUFFIELD ST	Lead	Lead	PEX	Copper	2018-12-14	2018-12-14	No								2018-12-21	24.8		2019-03-20	12.6										
5070595	A16_06	A16_06	110	CARRINGTON ST	Lead	Copper	Copper	Not Replaced	2018-12-14		No								2018-12-19	6.1													
5023498	A17_07	A17_07	1853	MORNINGSIDE AVE	Lead	Lead	PEX	Not Replaced	2018-12-15		Yes								2018-12-18	17													
5023527	A17_07	A17_07	1820	DUFFIELD ST	Lead	Lead	PEX	Copper	2018-12-17	2018-12-17	No								2018-12-18	26.4		2019-04-02	421		2019-04-29	34							
5023547	A17_07	A17_07	1832	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-17	2018-12-17	No								2018-12-19	ND													
5070668	A16_06	A16_06	318	JACKSONIA ST	Lead	Copper	Copper	Not Replaced	2018-12-17		No								2019-01-13	ND													
5058995	A12_02_A	A12_02_A	8	NORTON ST	Lead	Lead	PEX	Copper	2018-12-18	2018-12-18	No								2018-12-20	5.9													
5069029	CEP	CEP	2104	STRAUBS LN	Lead	Lead	PEX	Copper	2018-12-18	2018-12-18	No								2018-12-19	ND													
5023543	A17_07	A17_07	1813	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-18	2018-12-18	No								2018-12-21	16.2		2019-04-19	4.51										
5070639	A16_06	A16_06	1525	SATURN WAY	Lead	Lead	Copper	Copper	2018-12-18	2018-12-18	No				2018-10-19	2018-11-09	12.8		2019-01-03	ND													
5023938	A17_07	A17_07	1720	MORNINGSIDE AVE	Lead	Lead	PEX	Not Replaced	2018-12-19		Yes				2018-12-03	2018-12-10	6.4		2019-03-07	90.4													
5058626	A12_02_A	A12_02_A	122	PROSPECT ST	Lead	Lead	PEX	Copper	2018-12-19	2018-12-19	No				2018-06-10	2018-08-01	54		2018-12-19	9.5													
5058960	A12_02_A	A12_02_A	32	NORTON ST	Lead	Lead	PEX	Copper	2018-12-19	2018-12-19	No								2018-12-21	9.6													
5023554	A17_07	A17_07	1850	MORNINGSIDE AVE	Lead	Lead	PEX	Copper	2018-12-19	2018-12-19	No								2019-01-13	1.73													
5058967	A12_02_A	A12_02_A	35	NORTON ST	Lead	Copper	PEX	Not Replaced	2018-12-19		No				2018-06-12	2018-07-03	5		2018-12-19	ND													
5070640	A16_06	A16_06	402	ALPINE AVE	Lead	Lead	Copper	Copper	2018-12-19	2018-12-19	No								2018-12-20	ND													
5070706	A16_06	A16_06	26	JACKSONIA ST	Lead	Lead	Copper	Copper	2018-12-21	2018-12-21	No								2018-12-27	250													
5024322	A17_07	A17_07	1640	DUFFIELD ST	Lead	Lead	PEX	Copper	2018-12-21	2018-12-21	No								2019-04-18	ND													
5070674	A16_06	A16_06	300	JACKSONIA ST	Lead	Lead	Copper	Copper	2018-12-21	2018-12-21	No				2018-10-31	2019-01-14	20		2018-12-26	4.3													
5024323	A17_07	A17_07	1636	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-21		No								2018-12-22	ND													
5041613	Ops	BLG_01	618	WORTH ST	Lead	Lead	PEX	Copper	2018-12-22	2019-05-30	Yes		Emergency						2018-12-25	26.4		2019-05-31	9.17										
5024324	A17_07	A17_07	1634	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-22		No								2018-12-26	ND													
5024326	A17_07	A17_07	1628	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-26		No								2018-12-29	ND													
5024327	A17_07	A17_07	1624	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-26		No								2018-12-29	ND													
5023831	A17_07	A17_07	1657	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-26		No				2018-11-03	2019-01-14	ND		2018-12-30	ND													
5058624	A12_02_A	A12_02_A	126	PROSPECT ST	Lead	Lead	PEX	Copper	2018-12-27	2018-12-27	No				2018-06-11	2018-06-25	ND		2019-01-02	ND													
5024364	A17_07	A17_07	1631	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-27		No								2019-01-09	ND													
5024363	A17_07	A17_07	1627	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-28		No								2019-01-06	ND													
5024333	A17_07	A17_07	1606	DUFFIELD ST	Lead	Lead	PEX	Copper	2018-12-28	2018-12-28	No								2018-12-28	14.2		2018-12-29	ND										

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5035828	Ops	BLG_01	5512	WILKINS AVE	Lead	Lead	PEX	Copper	2018-12-29	2019-04-25	Yes		Emergency						2019-07-06	4.26													
5024367	A17_07	A17_07	1639	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2018-12-29		No								2019-01-04	ND													
5024355	A17_07	A17_07	1601	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-02		No								2019-03-25	ND													
5066103	A16_06	A16_06	109	SAMPSONIA WAY	Lead	Copper	Copper	Not Replaced	2019-01-02		No				2018-10-30	2019-01-14	ND		2019-01-28	4.8													
5066100	A16_06	A16_06	103	SAMPSONIA WAY	Lead	Copper	Copper	Not Replaced	2019-01-02		No								2019-03-27	ND													
5024338	A17_07	A17_07	1438	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-02		No								2019-01-03	ND													
5080530	CEP	CEP	3816	WILKSBORO ST	Lead	Lead	PEX	Copper	2019-01-02	2019-01-02	No								2019-01-04	14.3													
5069413	Ops	BLG_01	1723	SUNDEMAN ST	Lead	Lead	PEX	Copper	2019-01-03	2019-04-09	Yes		Emergency						2019-04-10	2.02													
5081239	CEP	CEP	1102	PEMBERTON ST	Lead	Lead	Copper	Copper	2019-01-03	2019-01-03	No								2019-01-08	ND													
5024321	A17_07	A17_07	1642	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-03		No								2019-01-10	ND													
5071041	A16_06	A16_06	301	JACKSONIA ST	Lead	Lead	Copper	Copper	2019-01-03	2019-01-03	No								2019-01-28	2													
5024351	A17_07	A17_07	1435	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-04		No								2019-01-06	ND													
5040328	BLG	BLG	6815	THOMAS BLVD	Lead	Lead	PEX	Copper	2019-01-04	2019-01-04	No								2019-01-05	ND													
5024339	A17_07	A17_07	1434	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-04		No								2019-01-06	ND													
5058627	A12_02_A	A12_02_A	120	PROSPECT ST	Lead	Lead	PEX	Copper	2019-01-04	2019-01-04	No								2019-01-05	ND													
5024340	A17_07	A17_07	1432	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-04		No								2019-03-03	ND													
5024342	A17_07	A17_07	1426	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-05		No								2019-01-07	ND													
5024344	A17_07	A17_07	1420	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-07		No								2019-01-09	ND													
5024345	A17_07	A17_07	1417	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-07		No				2018-11-26	2018-12-05	ND		2019-03-07	ND													
5042662	Ops		2289	BEECHWOOD BLVD	Lead	Copper	Copper	Not Replaced	2019-01-08		No		Emergency						2019-01-10	7													
5021901	A17_07	A17_07	1414	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-08		No								2019-03-19	1.72													
5024350	A17_07	A17_07	1433	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-08		No								2019-01-10	ND													
5070661	A16_06	A16_06	406	JACKSONIA ST	Lead	Copper	Copper	Not Replaced	2019-01-08		No								2019-07-12	ND													
5002086	Ops		243	LOMBARD ST	Lead	Copper	PEX	Not Replaced	2019-01-09		No		Emergency						2019-01-11	6													
5030197	CEP	CEP	239	CARVER ST	Copper	Lead	Not Replaced	Copper		2019-01-09	No								2019-01-15	ND													
5070953	A16_06	A16_06	514	JACKSONIA ST	Lead	Lead	Copper	Copper	2019-01-10	2019-01-10	No								2019-01-11	ND													
5070969	A16_06	A16_06	525	JACKSONIA ST	Lead	PEX	Copper	Not Replaced	2019-01-10		No								2019-02-05	1.19													
5028676	Ops	BLG_01	35	JOSEPH ST	Lead	Lead	PEX	Not Replaced	2019-01-14		Yes		Emergency						2019-03-14	2.69													
5078195	Ops		3432	SHADELAND AVE	Lead	Copper	PEX	Not Replaced	2019-01-14		No		Emergency						2019-01-17	299		2019-02-16	8.86										
5022245	A17_07	A17_07	1015	DUFFIELD ST	Lead	Copper	PEX	Not Replaced	2019-01-14		No				2018-11-21	2018-12-05	6.1		2019-01-15	39		2019-04-10	6.77										
5070955	A16_06	A16_06	508	JACKSONIA ST	Lead	Lead	Copper	Copper	2019-01-14	2019-01-14	No				2018-10-20	2018-11-09	5.4		2019-01-17	ND													
5050289	Ops	BLG_01	758	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-01-15	2019-03-21	Yes		Emergency						2019-03-12	6.16		2019-03-22	2.4										
5070967	A16_06	A16_06	523	JACKSONIA ST	Lead	Lead	Copper	Copper	2019-01-15	2019-01-15	No								2019-01-17	ND													
5071026	A16_06	A16_06	405	JACKSONIA ST	Lead	Lead	Copper	Copper	2019-01-16	2019-01-16	No				2018-10-18	2018-11-09	6.1		2019-01-19	ND													
5070285	Ops	BLG_01	221	HENDERSON ST	Lead	Lead	PEX	Copper	2019-01-17	2019-05-30	Yes		Emergency						2019-05-10	26.8		2019-06-03	1.01										
5022151	Ops		1165	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-01-17		No		Emergency						2019-01-20	7.2													
5070999	A16_06	A16_06	609	JACKSONIA ST	Lead	Lead	Copper	Copper	2019-01-22	2019-01-22	No								2019-01-23	10													
5070952	A16_06	A16_06	516	JACKSONIA ST	Lead	Lead	Copper	Not Replaced	2019-01-23		Yes				2018-10-16	2019-01-14	27		2019-02-08	14.5													
5022247	A17_07	A17_07	1022	MORNINGSIDE AVE	Lead	Copper	PEX	Not Replaced	2019-01-23		No				2018-10-25	2018-11-09	ND		2019-01-25	1.3													
5070616	A16_06	A16_06	1525	ARCH ST	Lead	Lead	Copper	Copper	2019-01-24	2019-01-24	No				2018-10-27	2018-11-09	7.7		2019-01-25	5.9													
5070887	CEP	CEP	1511	COMPROMISE ST	Lead	Lead	PEX	Copper	2019-01-25	2019-01-25	No								2019-01-30	199		2019-04-17	5.04										
5044056	Briar Cliff Water Relay	Briar Cliff Water Relay	572	BRIAR CLIFF RD	Lead	Lead	Copper	Copper	2019-02-04	2019-02-04	No								2019-02-06	4.15													
5044055	Ops	Briar Cliff Water Relay	578	BRIAR CLIFF RD	Lead	Lead	Copper	Copper	2019-02-07	2019-02-07	No		Emergency		2018-04-11	2018-04-19	18		2019-02-09	1.64													
5065555	Ops		840	N LINCOLN AVE	Lead	PEX	PEX	Not Replaced	2019-02-08		No		Emergency						2019-02-10	1.51													
5024814	CEP	CEP	1201	KING AVE	Lead	Lead	PEX	Copper	2019-02-14	2019-02-14	No								2019-02-15	11.6													
5016006	Ops		4405	CESSNA WAY	Lead	PEX	PEX	Not Replaced	2019-02-16		No		Emergency						2019-03-03	1.19													
5024755	CEP	CEP	5464	BROAD ST	Lead	Lead	PEX	Copper	2019-02-18	2019-02-18	No								2019-04-27	ND													
5002817	Urgent LSLR	Urgent LSLR	236	ROBINSON ST	Lead	Lead	PEX	Copper	2019-02-19	2019-02-19	No		Emergency						2019-03-05	2.92													
5024176	Urgent LSLR	Urgent LSLR	6939	STANDISH ST	Lead	Lead	PEX	Copper	2019-02-19	2019-02-19	No		Emergency						2019-03-03	1.12													
5051029	Ops		118	S 25TH ST	Lead	Copper	PEX	Not Replaced	2019-02-21		No		Emergency						2019-04-10	10.8													
5071516	CEP	CEP	1922	MORRIS AVE	Lead	Lead	PEX	Copper	2019-02-22	2019-02-22	No								2019-02-24	12.8													
5078108	CEP	CEP	3443	MCCLURE AVE	Lead	Copper	PEX	Not Replaced	2019-02-26		No								2019-02-27	ND													
5071376	CEP	CEP	2116	KOERNER AVE	Lead	Lead	PEX	Copper	2019-02-28	2019-02-28	No								2019-03-04	1.29													
5064173	Ops		1418	FAULSEY WAY	Lead	PEX	PEX	Not Replaced	2019-03-04		No		Emergency						2019-04-27	ND													
5121991	Ops		101	HOWARD STREET	Lead	Copper	PEX	Not Replaced	2019-03-04		No		Emergency						2019-03-07	ND													
5010540	Ops	Urgent LSLR	5412	ELMER ST	Lead	Lead	PEX	Copper	2019-03-06	2019-03-07	No	Yes	Emergency						2019-03-08	3.31													
5056430	Ops	Urgent LSLR	442	WINTON ST	Lead	Lead	PEX	Copper	2019-03-12	2019-03-14	No	Yes	Emergency						2019-03-15	1.5													
5024933	Ops		5716	CALLOWHILL ST	Lead	Copper	PEX	Not Replaced	2019-03-12		No		Emergency						2019-03-14	1.82													
5031243	CEP	CEP	1585	LINCOLN AVE	Copper	Lead	Not Replaced	Copper		2019-03-15	No								2019-03-16	7.89													
5074934	B02_01_A	B02_01_A	314	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-18	2019-03-18	No								2019-03-20	69.1		2019-06-14	ND										
5074586	B02_01_A	B02_01_A	135	HEMPHILL ST	Lead	Lead	PEX	Copper	2019-03-18	2019-03-18	No								2019-03-20	3.92													
5075195	B02_01_A	B02_01_A	3700	RUGGLES ST	Lead	Copper	PEX	Not Replaced	2019-03-18		No								2019-03-19	10.6													
5060830	Ops		409 1/2	SWEETBRIAR ST	Lead	Copper	PEX	Not Replaced	2019-03-19		No		Emergency						2019-05-08	1.66													
5068180	Ops		16	PROVINCE ST	Lead	Copper	PEX	Not Replaced	2019-03-19		No		Emergency						2019-03-19	20													
5075071	B02_01_A	B02_01_A	331	DUNLAP ST	Lead	Copper	PEX	Not Replaced	2019-03-19		No								2019-03-20	7.39													
5074926	B02_01_A	B02_01_A	122	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-19	2019-03-19	No								2019-03-21	2.64													
5075054	B02_01_A	B02_01_A	116	DUNLAP ST	Lead	Copper	PEX	Not Replaced	2019-03-19		No								2019-03-21	ND													
5074569	B02_01_A	B02_01_A	44	HEMPHILL ST	Lead	Lead	PEX	Copper	2019-03-19	2019-03-19	No								2019-03-21	ND													
5074588	B02_01_A	B02_01_A	45	HEMPHILL ST	Lead	Copper	PEX	Not Replaced	2019-03-19		No								2019-03-20	48.7		2019-07-14	16.7		2019-10-13	ND						
5074935	B02_01_A	B02_01_A	331	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-19	2019-03-19	No								2019-03-21	6.84													
5017270	Ops		4412	WOOLSLAYER WAY	Lead	Copper	PEX	Not Replaced	2019-03-20		No		Emergency						2019-03-21	1.29													
5074927	B02_01_A	B02_01_A	124	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-20	2019-03-20	No								2019-05-18	ND													
5074581	B02_01_A	B02_01_A	41	DEFOE ST	Lead	Copper	PEX	Not Replaced	2019-03-20		No								2019-04-15	1.69													
5074968	B02_01_A	B02_01_A	3720	RUGGLES ST	Lead	Lead	PEX	Copper	2019-03-20	2019-03-20	No								2019-04-02	3.76													
5075043	B02_01_A	B02_01_A	3700	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-03-20	2019-03-20	No								2019-03-26	3.78													
5075076	B02_01_A	B02_01_A	129	DUNLAP ST	Lead	Lead	PEX	Copper	2019-03-20	2019-04-10	Yes								2019-03-21	611		2019-04-11	2.89										
5024169	B01_07	B01_07	6917	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-20	2019-03-20	No								2019-03-29	ND													
5075075	B02_01_A	B02_01_A	131	DUNLAP ST	Lead	Lead	PEX	Copper	2019-03-20	2019-03-20	No								2019-03-22	1.08													
5122851	Urgent Water	Urgent LSLR	2	KLOPFER STREET	Lead	Lead	PEX	Copper	2019-03-21	2019-03-21	No		Emergency						2019-03-28	ND													
5074568	B02_01_A	B02_01_A	48	HEMPHILL ST	Lead	Lead	PEX	Copper	2019-03-21	2019-03-21	No								2019-03-21	4.87													
5024182	B01_07	B01_07	6924	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-21	2019-03-21	No								2019-05-13	2.71													
5024134	B01_07	B01_07	6909	BISHOP ST	Lead	Copper	PEX	Not Replaced	2019-03-21		No								2019-03-22	5.18													
5075037	B02_01_A	B02_01_A	103	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-21	2019-03-21	No								2019-03-25	2.4													
5074589	B02_01_A	B02_01_A	147	HEMPHILL ST	Lead	Lead	PEX	Copper	2019-03-21	2019-03-21	No								2019-03-22	47.7													
5075087	B02_01_A	B02_01_A	25	DUNLAP ST	Lead	Copper	PEX	Not Replaced	2019-03-21		No								2019-04-09	5.69													
5024180	B01_07	B01_07	6928	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-21	2019-03-21	No								2019-05-10	3.99													
5074922	B02_01_A	B02_01_A	114	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-22	2019-03-22	No								2019-06-14	4.28													
5075066	B02_01_A	B02_01_A	322	DUNLAP ST	Lead	Copper	PEX	Not Replaced	2019-03-22		No								2019-03-27	1.77													
5024198	B01_07	B01_07	6931	BISHOP ST	Lead	Lead	PEX	Copper	2019-03-22	2019-03-22	No								2019-04-02	1.03													
5045521	Ops	Urgent LSLR	4123	WINTERBURN AVE	Lead	Lead	PEX	Copper	2019-03-22	2019-04-04	No	Yes	Emergency						2019-04-07	4.16													
5075055	B02_01_A	B02_01_A	118	DUNLAP ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-03-25	2019-03-25	No			Emergency					2019-04-04	1.96													
5075034	B02_01_A	B02_01_A	117	RICHEY AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-03-25	2019-03-25	No								2019-03-27	6													
5074587	B02_01_A	B02_01_A	39	HEMPHILL ST	Lead	Copper	PEX	Not Replaced	2019-03-25		No								2019-04-03	2.78													
5024183	B01_07	B01_07	6922	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-25	2019-03-25	No								2019-03-27	3.32													
5024171	B01_07	B01_07	6923	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-25	2019-03-25	No								2019-03-28	18.4		2019-07-17	30.9		2019-09-26	9.97						
5079990	Ops	Urgent LSLR	1531	PENNOCK RD	Lead	Lead	PEX	Copper	2019-03-25	2019-03-27	No	Yes	Emergency						2019-05-12	ND													
5016680	Ops		4230	BRUCE ST	Lead	Copper	PEX	Not Replaced	2019-03-26		No		Emergency						2019-03-29	21.9		2019-07-12	27.6		2019-10-03	1.22						
5074574	B02_01_A	B02_01_A	15	DEFOE ST	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-04-01	19.4		2019-10-09	ND										
5075035	B02_01_A	B02_01_A	115	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-03-29	1.71													
5024093	B01_07	B01_07	6928	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-03-29	1.18													
5024137	B01_07	B01_07	6902	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-05-24	ND													
5024191	B01_07	B01_07	6917	BISHOP ST	Lead	Copper	PEX	Not Replaced	2019-03-26		No								2019-06-04	ND													
5024092	B01_07	B01_07	6926	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-03-27	2.37													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5024123	B01_07	B01_07	6918	BISHOP ST	Lead	Copper	PEX	Not Replaced	2019-03-26		No								2019-03-27	68.2		2019-07-07	4.95										
5074928	B02_01_A	B02_01_A	126	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-03-27	4.06													
5024162	B01_07	B01_07	6903	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-26	2019-03-26	No								2019-05-14	11.9													
5024124	B01_07	B01_07	6920	BISHOP ST	Lead	Lead	PEX	Copper	2019-03-27	2019-03-27	No								2019-03-30	3.42													
5078706	Ops	Urgent LSLR	3550	CAMPUS ST	Lead	Lead	PEX	Copper	2019-03-27	2019-04-02	No	Yes	Emergency						2019-04-04	9.55													
5024094	B01_07	B01_07	6930	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-03-27	2019-03-27	No								2019-03-28	1.13													
5074929	B02_01_A	B02_01_A	128	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-27	2019-03-27	No								2019-06-12	ND													
5024090	B01_07	B01_07	6920	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-03-27	2019-03-27	No								2019-03-28	6.76													
5075028	B02_01_A	B02_01_A	301	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-27	2019-03-27	No								2019-05-20	8.03													
5024190	B01_07	B01_07	6904	STANDISH ST	Lead	Copper	PEX	Not Replaced	2019-03-27		No								2019-03-30	2.82													
5024167	B01_07	B01_07	6913 1/2	STANDISH ST	Lead	Lead	PEX	Copper	2019-03-28	2019-03-28	No								2019-05-15	2.78													
5074579	B02_01_A	B02_01_A	35	DEFOE ST	Lead	Lead	PEX	Copper	2019-03-28	2019-03-28	No								2019-04-02	1.18													
5024097	B01_07	B01_07	6938	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-03-28	2019-03-28	No								2019-03-29	6.44													
5074576	B02_01_A	B02_01_A	25	DEFOE ST	Lead	Lead	PEX	Copper	2019-03-28	2019-03-28	No								2019-03-28	188		2019-06-28	6.77										
5074930	B02_01_A	B02_01_A	130	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-28	2019-03-28	No								2019-07-01	ND													
5024193	B01_07	B01_07	6919	BISHOP ST	Lead	Lead	PEX	Copper	2019-03-28	2019-03-28	No								2019-06-06	3.25													
5024140	B01_07	B01_07	6923	MANISTEE ST	Lead	Copper	PEX	Not Replaced	2019-03-28		No								2019-05-14	ND													
5074584	B02_01_A	B02_01_A	55	DEFOE ST	Lead	Lead	PEX	Copper	2019-03-29	2019-03-29	No								2019-05-17	1.07													
5074545	B02_01_A	B02_01_A	3815	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-03-29	2019-03-29	No								2019-04-01	16.8		2019-07-21	ND										
5075023	B02_01_A	B02_01_A	317	RICHEY AVE	Lead	Lead	PEX	Copper	2019-03-29	2019-03-29	No								2019-04-01	ND													
5023708	B01_07	B01_07	6915	MANISTEE ST	Lead	Lead	PEX	Copper	2019-03-29	2019-03-29	No								2019-03-31	6.22													
5050368	Ops	Urgent LSLR	3418	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-03-31	2019-04-06	No	Yes	Emergency						2019-05-27	1.53													
5024098	B01_07	B01_07	6940	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-01	2019-04-01	No								2019-04-02	7.58													
5024100	B01_07	B01_07	6941	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-01	2019-04-01	No								2019-04-02	6.69													
5075051	B02_01_A	B02_01_A	100	DUNLAP ST	Lead	Lead	PEX	Copper	2019-04-01	2019-04-01	No								2019-04-02	8.54													
5075180	B02_01_A	B02_01_A	410 1/2	VENTURE ST	Lead	Lead	PEX	Copper	2019-04-01	2019-04-01	No								2019-04-16	ND													
5024138	B01_07	B01_07	6919	MANISTEE ST	Lead	Copper	PEX	Not Replaced	2019-04-01		No								2019-04-04	3.13													
5024161	B01_07	B01_07	6901	STANDISH ST	Lead	Lead	PEX	Copper	2019-04-01	2019-04-01	No								2019-05-11	ND													
5074571	B02_01_A	B02_01_A	134	HEMPHILL ST	Lead	Lead	PEX	Copper	2019-04-01	2019-04-01	No								2019-04-02	4.3													
5024102	B01_07	B01_07	6935	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-02	2019-04-02	No								2019-04-03	15.8		2019-08-09	13.5										
5024206	B01_07	B01_07	6932	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-02	2019-04-02	No								2019-04-03	4.84													
5074578	B02_01_A	B02_01_A	33	DEFOE ST	Lead	Lead	PEX	Copper	2019-04-02	2019-04-02	No								2019-11-23	ND													
5024004	B01_07	B01_07	1676	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-04-02		No								2019-04-06	8.88													
5075026	B02_01_A	B02_01_A	309	RICHEY AVE	Lead	Copper	PEX	Not Replaced	2019-04-02		No								2019-05-17	4.75													
5024147	B01_07	B01_07	6934	MANISTEE ST	Lead	Copper	PEX	Not Replaced	2019-04-02		No								2019-04-03	6.4													
5024003	B01_07	B01_07	1674	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-04-02		No								2019-05-28	3.76													
5074936	B02_01_A	B02_01_A	327	RICHEY AVE	Lead	Copper	PEX	Not Replaced	2019-04-02		No								2019-04-03	6.51													
5074590	B02_01_A	B02_01_A	82	SEMICIR ST	Lead	Lead	PEX	Copper	2019-04-03	2019-04-03	No								2019-04-07	ND													
5024168	B01_07	B01_07	6915	STANDISH ST	Lead	Lead	PEX	Copper	2019-04-03	2019-04-03	No								2019-04-04	18.8													
5075178	B02_01_A	B02_01_A	414	VENTURE ST	Lead	Lead	PEX	Copper	2019-04-03	2019-04-03	No								2019-05-22	ND													
5024262	B01_07	B01_07	1629	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-03	2019-04-03	No								2019-04-09	4.54													
5024103	B01_07	B01_07	6929	GREENWOOD ST	Lead	Copper	PEX	Not Replaced	2019-04-03		No								2019-04-08	ND													
5075177	B02_01_A	B02_01_A	416	VENTURE ST	Lead	Lead	PEX	Copper	2019-04-03	2019-04-03	No								2019-06-02	2.92													
5024164	B01_07	B01_07	6907	STANDISH ST	Lead	Lead	PEX	Copper	2019-04-03	2019-04-03	No								2019-04-04	11.9													
5024200	B01_07	B01_07	6935	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-04	2019-04-04	No								2019-04-10	85.7		2019-07-09	4.56										
5024104	B01_07	B01_07	6927	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-04	2019-04-04	No								2019-04-09	1.94													
5075174	B02_01_A	B02_01_A	422	VENTURE ST	Lead	Lead	PEX	Copper	2019-04-04	2019-04-04	No								2019-04-04	16.1													
5024125	B01_07	B01_07	6920 1/2	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-05	2019-04-05	No								2019-04-08	21.1													
5024109	B01_07	B01_07	6915	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-05	2019-04-05	No								2019-04-07	6.98													
5024126	B01_07	B01_07	6922	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-05	2019-04-05	No								2019-04-08	14.5													
5024110	B01_07	B01_07	6913	GREENWOOD ST	Lead	Copper	PEX	Not Replaced	2019-04-05		No								2019-04-09	ND													
5074915	B02_01_A	B02_01_A	3722	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-04-05		No								2019-04-06	19.2		2019-04-09	5.63										
5074612	B02_01_A	B02_01_A	26	SEMICIR ST	Lead	Lead	PEX	Copper	2019-04-05	2019-04-05	No								2019-04-08	3.53													
5065452	Ops		931	BEECH AVE	Lead	Copper	PEX	Not Replaced	2019-04-08		No		Emergency						2019-04-10	7.44													
5057070	B06_03_A	B06_03_A	206	WALTER ST	Copper	Lead	Not Replaced	Copper		2019-04-08	No								2019-04-09	43.3													
5024107	B01_07	B01_07	6919	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-08	2019-04-08	No								2019-04-10	ND													
5024163	B01_07	B01_07	6905	STANDISH ST	Lead	Lead	PEX	Copper	2019-04-08	2019-04-08	No								2019-04-10	13.2													
5057095	B06_03_A	B06_03_A	217	WALTER ST	Lead	Lead	PEX	Copper	2019-04-09	2019-04-09	No								2019-05-25	4.35													
5024099	B01_07	B01_07	6942	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-09	2019-04-09	No								2019-05-14	10.5													
5024139	B01_07	B01_07	6921	MANISTEE ST	Lead	Copper	PEX	Not Replaced	2019-04-09		No								2019-04-11	3.53													
5057079	B06_03_A	B06_03_A	118	WALTER ST	Lead	Lead	PEX	Copper	2019-04-09	2019-04-09	No								2019-04-23	2.34													
5057060	B06_03_A	B06_03_A	314	WALTER ST	Lead	Copper	PEX	Not Replaced	2019-04-09		No								2019-04-10	ND													
5024261	B01_07	B01_07	1625	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-04-10		No								2019-04-20	3.29													
5057082	B06_03_A	B06_03_A	127	WALTER ST	Lead	Copper	PEX	Not Replaced	2019-04-10		No								2019-06-04	ND													
5024106	B01_07	B01_07	6923	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-10	2019-04-10	No								2019-04-15	6.66													
5024132	B01_07	B01_07	6913	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-10	2019-04-10	No								2019-04-12	3.6													
5024197	B01_07	B01_07	6929	BISHOP ST	Lead	Copper	PEX	Not Replaced	2019-04-11		No								2019-04-17	1.79													
5024263	B01_07	B01_07	1631	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-04-11		No								2019-04-12	48.3		2019-09-14	9.49										
5024141	B01_07	B01_07	1945	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-11	2019-04-11	No								2019-04-12	7.54													
5023707	B01_07	B01_07	6917	MANISTEE ST	Lead	Copper	PEX	Not Replaced	2019-04-11		No								2019-06-24	4.19													
5024108	B01_07	B01_07	6917	GREENWOOD ST	Lead	Lead	PEX	Copper	2019-04-11	2019-04-11	No								2019-04-14	1.96													
5024386	B01_07	B01_07	1662	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-04-11		No								2019-04-12	5.07													
5024133	B01_07	B01_07	6911	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-11	2019-04-11	No								2019-04-16	9.56													
5024241	B01_07	B01_07	1950	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-11	2019-04-11	No								2019-05-24	1.2													
5024242	B01_07	B01_07	1950 1/2	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-12	2019-04-12	No								2019-04-14	4.45													
5074618	B02_01_A	B02_01_A	65	SEMICIR ST	Lead	Lead	PEX	Copper	2019-04-12	2019-04-12	No								2019-06-09	2.03													
5024145	B01_07	B01_07	1929	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-12	2019-04-12	No								2019-09-15	4.72													
5023723	B01_07	B01_07	7220	WITHERSPOON ST	Lead	Lead	PEX	Copper	2019-04-12	2019-04-12	No								2019-04-13	1570		2019-07-25	ND										
5074582	B02_01_A	B02_01_A	45	DEFOE ST	Lead	Lead	PEX	Copper	2019-04-13	2019-04-13	No								2019-08-20	16.3													
5074884	B02_01_A	B02_01_A	3773	EAST ST	Lead	Copper	PEX	Not Replaced	2019-04-15		No								2019-04-17	31.2		2019-07-12	16.8		2019-09-28	ND						
5024240	B01_07	B01_07	1952	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-15	2019-04-15	No								2019-04-27	9.78													
5024142	B01_07	B01_07	1939	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-15	2019-04-15	No								2019-04-25	1.15													
5074660	B02_01_A	B02_01_A	66	RIVERVIEW AVE	Lead	Copper	PEX	Not Replaced	2019-04-15		No								2019-04-16	9.4													
5074866	B02_01_A	B02_01_A	3748	EAST ST	Lead	Lead	PEX	Copper	2019-04-15	2019-04-15	No								2019-06-06	ND													
5074954	B02_01_A	B02_01_A	3635	BAYTREE ST	Lead	Lead	PEX	Copper	2019-04-15	2019-04-15	No								2019-04-17	1.33													
5024128	B01_07	B01_07	6926	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-15	2019-04-15	No								2019-06-17	3.82													
5024127	B01_07	B01_07	6924	BISHOP ST	Lead	Copper	PEX	Not Replaced	2019-04-15		No								2019-06-15	1.48													
5057080	B06_03_A	B06_03_A	121	WALTER ST	Lead	Lead	PEX	Copper	2019-04-15	2019-04-15	No								2019-04-18	ND													
5024225	B01_07	B01_07	1916	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-16	2019-04-16	No								2019-04-17	6.39													
5023730	B01_07	B01_07	7234	WITHERSPOON ST	Lead	Copper	PEX	Not Replaced	2019-04-16		No								2019-04-16	58.7		2019-07-19	1.87										
5057062	B06_03_A	B06_03_A	306	WALTER ST	Lead	Lead	PEX	Copper	2019-04-16	2019-04-16	No								2019-04-19	5.05													
5057061	B06_03_A	B06_03_A	308	WALTER ST	Lead	Lead	PEX	Copper	2019-04-16	2019-04-16	No								2019-04-17	180													
5057057	B06_03_A	B06_03_A	322	WALTER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-04-17	2019-04-17	No								2019-04-18	ND													
5024405	B01_07	B01_07	1610	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-17	2019-04-17	No								2019-04-22	7.9													
5024122	B01_07	B01_07	6916	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-17	2019-04-17	No								2019-04-27	3.32													
5057089	B06_03_A	B06_03_A	211	WALTER ST	Lead	Lead	PEX	Copper	2019-04-17	2019-04-17	No								2019-04-17	ND													
5057105	B06_03_A	B06_03_A	321	WALTER ST	Lead	Lead	PEX	Copper	2019-04-17	2019-04-17	No								2019-04-18	ND													
5074671	B02_01_A	B02_01_A	45-47	RIVERVIEW AVE	Lead	Lead	PEX	Copper	2019-04-17	2019-04-17	No								2019-06-03	ND													
5057063	B06_03_A	B06_03_A	304	WALTER ST	Lead	Lead	PEX	Copper	2019-04-17	2019-04-17	No								2019-06-18	ND													
5024248	B01_07	B01_07	1433	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-17	2019-04-18	No	Yes							2019-04-19	8.86													
5023722	B01_07	B01_07	7218	WITHERSPOON ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-04-28	2.33													
5074846	B02_01_A	B02_01_A	3818	EAST ST	Lead	Copper	PEX	Not Replaced	2019-04-18		No								2019-04-22	14.4													
5024406	B01_07	B01_07	1606	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-07-19	3.36													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5024201	B01_07	B01_07	6937	BISHOP ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-04-20	3.76													
5024209	B01_07	B01_07	1800	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-04-22	1.49													
5057463	B06_03_A	B06_03_A	640	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-04-26	6.47													
5074821	B02_01_A	B02_01_A	3679	BAYTREE ST	Lead	Copper	PEX	Not Replaced	2019-04-18		No								2019-04-19	2.63													
5032408	B04_09_A	B04_09_A	7001	CHAUCER ST	Lead	Copper	PEX	Not Replaced	2019-04-18		No								2019-04-22	25.7													
5074532	B02_01_A	B02_01_A	3850	EAST ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-06-10	1.42													
5024486	B01_07	B01_07	1728	ANTIETAM ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-04-19	3.68													
5074531	B02_01_A	B02_01_A	3854	EAST ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-06-05	ND													
5075289	B02_01_A	B02_01_A	39	RIVERVIEW AVE	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-06-16	4.12													
5022005	B01_07	B01_07	1424	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-18	2019-04-18	No								2019-06-17	2.1													
5024488	B01_07	B01_07	1732	ANTIETAM ST	Lead	Copper	PEX	Not Replaced	2019-04-18		No								2019-06-07	ND													
5057481	B06_03_A	B06_03_A	750	LILLIAN ST	Lead	Copper	PEX	Not Replaced	2019-04-18		No								2019-05-10	ND													
5074847	B02_01_A	B02_01_A	3814	EAST ST	Lead	Copper	PEX	Not Replaced	2019-04-18		No								2019-06-10	1.6													
5030728	Urgent LSLR	Urgent LSLR	6909	HAMILTON AVE	Lead	Lead	PEX	Copper	2019-04-19	2019-04-19	No		Emergency						2019-04-19	21		2019-06-24	2.22											
5074826	B02_01_A	B02_01_A	3719	BAYTREE ST	Lead	Lead	PEX	Copper	2019-04-19	2019-04-19	No								2019-04-20	11.7													
5024407	B01_07	B01_07	1604	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-06-15	ND													
5022013	B01_07	B01_07	1400	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-04-23	3.25													
5074663	B02_01_A	B02_01_A	141	RIVERVIEW AVE	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-04-24	190		2019-04-26	24.8		2019-09-22	ND								
5057266	B06_03_A	B06_03_A	411	ALLEN ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-05-09	ND													
5021996	B01_07	B01_07	1407	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-04-23	3.53													
5057478	B06_03_A	B06_03_A	744	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-04-22	175		2019-05-19	ND											
5033781	B04_09_B	B04_09_B	7214	TIOGA ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-05-04	8													
5074473	B02_01_A	B02_01_A	3882	EAST ST	Lead	Lead	PEX	Copper	2019-04-22	2019-04-22	No								2019-04-22	ND		2019-04-23	ND											
5057486	B06_03_A	B06_03_A	808	LILLIAN ST	Lead	Copper	PEX	Not Replaced	2019-04-22		No								2019-06-16	1.69													
5023729	B01_07	B01_07	7232	WITHERSPOON ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2019-05-01	3.03													
5022226	B01_07	B01_07	1101	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2019-05-01	2.84													
5057479	B06_03_A	B06_03_A	746	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2020-06-24	3.43													
5075296	B02_01_A	B02_01_A	11	RIVERVIEW AVE	Lead	PEX	PEX	Not Replaced	2019-04-23		No								2019-04-29	4.29													
5022222	B01_07	B01_07	1111	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2019-04-24	1.51													
5023709	B01_07	B01_07	6911	MANISTEE ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2019-04-28	6.1													
5057112	B06_03_A	B06_03_A	743	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2019-04-24	1.67													
5074892	B02_01_A	B02_01_A	3813	EAST ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-25	No	Yes							2019-06-17	2.25													
5057489	B06_03_A	B06_03_A	816	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-23	2019-04-23	No								2019-04-24	15.1													
5050151	Ops	Urgent LSLR	4226	SALINE ST	Lead	Lead	PEX	Copper	2019-04-24	2019-05-03	No	Yes	Emergency						2019-05-05	7.45		2019-06-19	ND											
5050150	Ops	Urgent LSLR	4224	SALINE ST	Lead	Lead	PEX	Copper	2019-04-24	2019-05-03	No	Yes	Emergency						2019-04-26	ND		2019-05-05	2.64											
5023716	B01_07	B01_07	1938	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-24	2019-04-24	No								2019-04-25	10.9													
5057501	B06_03_A	B06_03_A	852	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-24	2019-04-24	No								2019-04-25	1.74													
5022216	B01_07	B01_07	1125	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-24	2019-04-24	No								2019-04-25	2.89													
5074614	B02_01_A	B02_01_A	83	SEMICIR ST	Lead	Copper	PEX	Not Replaced	2019-04-24		No								2019-08-27	6.11													
5021994	B01_07	B01_07	1401	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-24	2019-04-24	No								2019-04-26	1.79													
5057471	B06_03_A	B06_03_A	726	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-24	2019-04-24	No								2019-05-01	7.2													
5022215	B01_07	B01_07	1127	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-24	2019-04-24	No								2019-05-20	1.82													
5022211	B01_07	B01_07	1139	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-04-29	4.83													
5022207	B01_07	B01_07	1149	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-04-26	1.25													
5024177	B01_07	B01_07	7238	STANDISH ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-06-17	1.83													
5057480	B06_03_A	B06_03_A	748	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-04-28	13.2													
5057488	B06_03_A	B06_03_A	814	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-04-29	3													
5022020	B01_07	B01_07	1234	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-06-14	3.31													
5021987	B01_07	B01_07	1231	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-25	2019-04-25	No								2019-04-27	7.03													
5050857	Urgent Water		142	S 23RD ST	Lead	Lead	PEX	Not Replaced	2019-04-26		Yes		Emergency						2019-05-10	ND													
5022231	B01_07	B01_07	1152	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-26	2019-04-26	No								2019-05-01	3.41													
5023715	B01_07	B01_07	1936	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-26	2019-04-26	No								2019-04-26	241		2019-07-10	2.8											
5029898	B04_09_A	B04_09_A	6703	ROWAN ST	Lead	Copper	PEX	Not Replaced	2019-04-26		No								2019-07-01	2.4													
5041093	Urgent LSLR	Urgent LSLR	401	HASTINGS ST	Lead	Lead	PEX	Copper	2019-04-27	2019-04-27	No		Emergency						2019-04-29	2.85													
5048164	Ops	Urgent LSLR	5023	GLENWOOD AVE	Lead	Lead	PEX	Copper	2019-04-29	2019-05-11	No	Yes	Emergency						2019-05-14	163		2019-06-20	2.85											
5021986	B01_07	B01_07	1229	JANCEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-04-29	2019-04-29	No								2019-04-30	3.44													
5022219	B01_07	B01_07	1119	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-04-30	23.3		2019-07-31	81		2019-08-20	138		2019-11-17	26.2		2021-02-23	2.8	
5057034	B06_03_A	B06_03_A	311	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-04-29	7.04													
5022021	B01_07	B01_07	1232	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-04-30	2.43													
5022224	B01_07	B01_07	1105	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-05-06	ND													
5035233	Ops		1149	SHADY AVE	Lead	Copper	PEX	Not Replaced	2019-04-29		No		Emergency						2019-05-03	5.63													
5029856	B04_09_A	B04_09_A	6624	ROWAN ST	Lead	Copper	PEX	Not Replaced	2019-04-29		No								2019-04-30	39.9													
5023713	B01_07	B01_07	1932	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-06-25	24.4													
5074585	B02_01_A	B02_01_A	57	DEFOE ST	Lead	Copper	PEX	Not Replaced	2019-04-29		No								2019-05-06	ND													
5057494	B06_03_A	B06_03_A	836	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-06-19	ND													
5022023	B01_07	B01_07	1228	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-29	2019-04-29	No								2019-04-29	2.89		2019-06-25	ND											
5057168	B06_03_A	B06_03_A	818	INDUSTRY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-04-30	2019-04-30	No								2019-05-01	ND													
5074604	B02_01_A	B02_01_A	3737	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-04-30	2019-04-30	No								2019-05-04	1.34													
5024157	B01_07	B01_07	6910	MANISTEE ST	Lead	Lead	PEX	Copper	2019-04-30	2019-04-30	No								2019-06-18	ND													
5022232	B01_07	B01_07	1156	CHISLETT ST	Lead	Lead	PEX	Copper	2019-04-30	2019-04-30	No								2019-05-02	9.84													
5021982	B01_07	B01_07	1217	JANCEY ST	Lead	Lead	PEX	Copper	2019-04-30	2019-04-30	No								2019-05-01	1.53													
5057288	B06_03_A	B06_03_A	861	LILLIAN ST	Lead	Lead	PEX	Copper	2019-04-30	2019-04-30	No								2019-05-28	4.5													
5029903	B04_09_A	B04_09_A	6633	ROWAN ST	Lead	Lead	PEX	Copper	2019-04-30	2019-04-30	No								2019-05-04	1.07													
5054313	Ops	Urgent LSLR	1709	SARAH ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-08	Yes		Emergency						2020-04-03	ND													
5074790	B02_01_A	B02_01_A	3740	BAYTREE ST	Lead	Copper	PEX	Not Replaced	2019-05-01		No								2019-06-18	4.04													
5022214	B01_07	B01_07	1131	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-06-24	1.37													
5022199	B01_07	B01_07	1167	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-05-02	30													
5023712	B01_07	B01_07	1930	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-09-09	1.47													
5057029	B06_03_A	B06_03_A	405	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-06-17	27.9		2019-08-23	6.19											
5040586	Ops		338	HASTINGS ST	Lead	Copper	PEX	Not Replaced	2019-05-01		No		Emergency						2019-05-04	2.81													
5019406	CEP	CEP	5313	KINCAID ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-05-02	7.78													
5029307	B04_09_A	B04_09_A	6600	ROWAN ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-06-24	3.26													
5029308	B04_09_A	B04_09_A	6602	ROWAN ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-06-24	1.68													
5022210	B01_07	B01_07	1141	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-05-04	8.58													
5021984	B01_07	B01_07	1223	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-01		No								2019-05-07	8.16													
5022024	B01_07	B01_07	1226	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-06-26	4.12													
5022212	B01_07	B01_07	1137	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-01	2019-05-01	No								2019-05-03	ND													
5057201	B06_03_A	B06_03_A	853	LOYAL WAY	Lead	Lead	PEX	Copper	2019-05-02	2019-05-02	No								2019-05-18	2.02													
5021993	B01_07	B01_07	1263	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-02	2019-05-02	No								2019-05-03	1.36													
5007964	Ops		3352	SPRING WAY	Lead	Copper	PEX	Not Replaced	2019-05-02		No		Emergency						2019-05-07	1.53													
5021985	B01_07	B01_07	1225	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-02	2019-05-02	No								2019-05-07	2.01													
5075197	B02_01_A	B02_01_A	428	DUNLAP ST	Lead	Lead	PEX	Copper	2019-05-02	2019-05-02	No								2019-06-06	2.03													
5022202	B01_07	B01_07	1161	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-02	2019-05-02	No								2019-05-03	1.07													
5057138	B06_03_A	B06_03_A	815	INDUSTRY ST	Lead	Copper	PEX	Not Replaced	2019-05-02		No								2019-05-09	3.4													
5022028	B01_07	B01_07	1208	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-02		No								2019-05-03	ND													
5024395	B01_07	B01_07	1652	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-03	2019-05-03	No								2019-06-23	4.93													
5074925	B02_01_A	B02_01_A	120	RICHEY AVE	Lead	Copper	PEX	Not Replaced	2019-05-03		No								2019-05-04	1.33													
5018505	Ops		173	46TH ST	Lead	Copper	PEX	Not Replaced	2019-05-06		No		Emergency						2019-06-06	ND													
5029905	B04_09_A	B04_09_A	6638	ROWAN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-06	2019-05-06	No			Emergency					2019-05-07	ND													
5022015	B01_07	B01_07	1252	JANCEY ST	Lead	Lead	PEX	Not Replaced	2019-05-06		Yes								2019-07-01	16													
5024159	B01_07	B01_07	1914	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-07	3.56													
5022031	B01_07	B01_07	1202	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-10	ND													
5029895	B04_09_A	B04_09_A	6725	ROWAN ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-06	14.4													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5057015	B06_03_A	B06_03_A	324	MILLBRIDGE ST	Lead	Copper	PEX	Not Replaced	2019-05-06		No								2020-06-10	ND													
5074832	B02_01_A	B02_01_A	3751	BAYTREE ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-07	2.54													
5022201	B01_07	B01_07	1163	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-10	4.86													
5024158	B01_07	B01_07	1916	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-10	5.06													
5021981	B01_07	B01_07	1215	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-07	110													
5057154	B06_03_A	B06_03_A	842	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-05-07	3.49													
5030009	B04_09_A	B04_09_A	6908	CHAUCER ST	Lead	Lead	PEX	Copper	2019-05-06	2019-05-06	No								2019-06-23	ND													
5024160	B01_07	B01_07	1912	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-07	2019-05-07	No								2019-10-06	2.16													
5022240	B01_07	B01_07	1198	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-07	2019-05-07	No								2019-05-11	3.61													
5021978	B01_07	B01_07	1207	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-07	2019-05-07	No								2019-06-24	20.4		2019-08-12	ND										
5076067	B02_01_A	B02_01_A	3943	EVERGREEN RD	Lead	Copper	PEX	Not Replaced	2019-05-07		No								2019-05-15	4.16													
5022032	B01_07	B01_07	1185	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-07	2019-05-07	No								2019-06-10	3.6													
5057253	B06_03_A	B06_03_A	846	LOYAL WAY	Lead	Lead	PEX	Copper	2019-05-07	2019-05-07	No								2019-06-12	ND													
5021980	B01_07	B01_07	1211	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-07	2019-05-07	No								2019-05-12	1.24													
5029011	CEP	CEP	37	CARVER ST	Copper	Lead	Not Replaced	Copper		2019-05-07	No								2019-05-08	2.32													
5074912	B02_01_A	B02_01_A	3740	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-08	2019-05-08	No								2019-05-10	5.74													
5056949	B06_03_A	B06_03_A	958	MANTON WAY	Lead	Lead	PEX	Copper	2019-05-08	2019-05-08	No								2019-05-09	9.4													
5022036	B01_07	B01_07	1203	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-08	2019-05-08	No								2019-05-09	2.39													
5074759	B02_01_A	B02_01_A	3845	EVERGREEN RD	Lead	Lead	PEX	Copper	2019-05-08	2019-05-08	No								2019-05-11	1.32													
5022037	B01_07	B01_07	1203	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-08	2019-05-08	No								2019-05-26	10.8													
5022030	B01_07	B01_07	1204	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-08	2019-05-09	No	Yes							2019-05-10	4.92													
5056928	B06_03_A	B06_03_A	979	MANTON WAY	Lead	Lead	PEX	Copper	2019-05-08	2019-05-08	No								2019-06-08	ND													
5075107	B02_01_A	B02_01_A	3608	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-08		No								2019-05-09	45.3													
5056953	B06_03_A	B06_03_A	976	MANTON WAY	Lead	Copper	PEX	Not Replaced	2019-05-09		No								2019-08-15	1.62													
5023594	B01_07	B01_07	1907	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-05-10	6.37													
5029876	B04_09_A	B04_09_A	6724	DEARY ST	Lead	Copper	PEX	Not Replaced	2019-05-09		No								2019-05-23	1.26													
5075103	B02_01_A	B02_01_A	3616	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-05-12	1.01													
5074761	B02_01_A	B02_01_A	3857	EVERGREEN RD	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-05-29	3.7													
5022235	B01_07	B01_07	1170	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-05-10	6.51													
5074898	B02_01_A	B02_01_A	3800	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-05-11	334													
5022190	B01_07	B01_07	1154	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-05-15	12.1													
5022043	B01_07	B01_07	1213	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-09	2019-05-09	No								2019-06-07	ND													
5074770	B02_01_A	B02_01_A	3939	EVERGREEN RD	Lead	Copper	PEX	Not Replaced	2019-05-09		No								2019-06-27	1.17													
5057328	B06_03_A	B06_03_A	914	FREELAND ST	Lead	Lead	PEX	Copper	2019-05-10	2019-05-10	No								2019-05-11	ND													
5056933	B06_03_A	B06_03_A	963	MANTON WAY	Lead	Lead	PEX	Copper	2019-05-10	2019-05-10	No								2019-05-27	ND													
5075108	B02_01_A	B02_01_A	3606	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-10	2019-05-10	No								2019-05-12	9.72													
5074659	B02_01_A	B02_01_A	48	RIVERVIEW AVE	Lead	Copper	PEX	Not Replaced	2019-05-10		No								2019-05-12	10.8													
5057329	B06_03_A	B06_03_A	916	FREELAND ST	Lead	Copper	PEX	Not Replaced	2019-05-10		No								2019-05-12	ND													
5074893	B02_01_A	B02_01_A	3816	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-10		No								2019-06-28	ND													
5022158	B01_07	B01_07	1139	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-13		No								2019-05-20	1.39													
5022153	B01_07	B01_07	1161	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-13		No								2019-05-15	2.44													
5024043	B01_07	B01_07	1827	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-13	2019-05-13	No								2019-09-01	4.88													
5056938	B06_03_A	B06_03_A	947	MANTON WAY	Lead	Copper	PEX	Not Replaced	2019-05-13		No								2019-05-16	ND													
5022184	B01_07	B01_07	1134	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-13		No								2019-06-27	ND													
5022042	B01_07	B01_07	1211	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-13	2019-05-13	No								2019-05-16	1.96													
5005563	CEP	CEP	642	MORGAN ST	Copper	Lead	Not Replaced	Copper		2019-05-13	No								2019-05-14	2.56													
5075102	B02_01_A	B02_01_A	3622	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-13	2019-05-13	No								2019-10-03	ND													
5056830	B06_03_A	B06_03_A	913	MANTON WAY	Lead	Copper	PEX	Not Replaced	2019-05-13		No								2019-05-18	ND													
5022070	B01_07	B01_07	1200	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-13	2019-05-14	No	Yes							2019-05-16	5.94													
5022150	B01_07	B01_07	1169	JANCEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-14	2019-05-14	No								2019-05-15	5.25													
5057313	B06_03_A	B06_03_A	911	FREELAND ST	Lead	Lead	PEX	Copper	2019-05-14	2019-05-14	No								2019-07-05	ND													
5029996	B04_09_A	B04_09_A	1411	N MURTLAND ST	Lead	Lead	PEX	Copper	2019-05-14	2019-05-14	No								2019-06-07	14.9													
5029351	B04_09_A	B04_09_A	6601	DEARY ST	Lead	Copper	PEX	Not Replaced	2019-05-14		No								2019-05-15	1.79													
5057336	B06_03_A	B06_03_A	928	FREELAND ST	Lead	Copper	PEX	Not Replaced	2019-05-14		No								2019-05-16	2.56													
5024044	B01_07	B01_07	1825	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-14	2019-05-14	No								2019-07-08	1.7													
5057304	B06_03_A	B06_03_A	312	KNOX AVE	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-16	3.71													
5004751	CEP	CEP	3216	JULIET ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-16	4.75													
5022045	B01_07	B01_07	1217	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-17	ND													
5057293	B06_03_A	B06_03_A	404	KNOX AVE	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-08-19	ND													
5022239	B01_07	B01_07	1176	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-15	1.06													
5074834	B02_01_A	B02_01_A	3759	BAYTREE ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-07-11	1.95													
5022181	B01_07	B01_07	1126	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-06-15	ND													
5057512	B06_03_A	B06_03_A	920	LILLIAN ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-17	ND													
5057165	B06_03_A	B06_03_A	820	INDUSTRY ST	Lead	Copper	PEX	Not Replaced	2019-05-15		No								2019-05-16	ND													
5032524	B04_09_A	B04_09_A	1402	N MURTLAND ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-20	2.48													
5022175	B01_07	B01_07	1106	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-05-15	ND													
5074551	B02_01_A	B02_01_A	3843	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-15		No								2019-05-16	4.72													
5057322	B06_03_A	B06_03_A	401	KNOX AVE	Lead	Lead	PEX	Copper	2019-05-15	2019-05-15	No								2019-07-04	ND													
5057406	B06_03_A	B06_03_A	924	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-07-31	ND													
5057513	B06_03_A	B06_03_A	922	LILLIAN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-16	2019-05-16	No								2019-06-19	1.46													
5022173	B01_07	B01_07	1100	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-07-06	1.57													
5024417	B01_07	B01_07	1443	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-07-09	30.8													
5022165	B01_07	B01_07	1119	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-22	ND													
5022276	B01_07	B01_07	1030	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-18	2.86													
5022055	B01_07	B01_07	1435	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-20	1.06													
5057427	B06_03_A	B06_03_A	923	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-16	3.48													
5057520	B06_03_A	B06_03_A	944	LILLIAN ST	Lead	Copper	PEX	Not Replaced	2019-05-16		No								2019-07-25	1.02													
5074549	B02_01_A	B02_01_A	3835	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-19	2.73													
5029050	CEP	CEP	3	SHETLAND AVE	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-17	8.06													
5056626	B06_03_A	B06_03_A	67	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-05-30	17.2													
5056623	B06_03_A	B06_03_A	61	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-16	2019-05-16	No								2019-06-01	2.02													
5027218	Ops	Urgent LSLR	307	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2019-05-17	2019-09-06	No	Yes	Emergency						2019-09-07	36.9		2019-11-11	20		2020-01-29	9.7							
5029836	B04_09_A	B04_09_A	6624	LYRIC ST	Lead	Lead	PEX	Copper	2019-05-17	2019-05-17	No								2019-07-10	120													
5036600	Ops	Urgent LSLR	1464	INVERNESS AVE	Lead	Lead	Copper	Copper	2019-05-17	2019-05-20	No	Yes	Emergency						2019-05-22	45.3		2019-08-30	ND										
5074527	B02_01_A	B02_01_A	3819	BAYTREE ST	Lead	Lead	PEX	Copper	2019-05-17	2019-05-17	No								2019-08-07	1.78													
5056590	B06_03_A	B06_03_A	36	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-17	2019-05-17	No								2019-08-12	ND													
5022275	B01_07	B01_07	1034	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-17	2019-05-17	No								2019-07-16	2.07													
5056621	B06_03_A	B06_03_A	55	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-17	2019-05-17	No								2019-05-18	1.41													
5024418	B01_07	B01_07	1445	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-17	2019-05-17	No								2019-05-18	ND													
5074647	B02_01_A	B02_01_A	3651	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-18	2019-05-18	No								2019-05-20	1.87													
5024019	B01_07	B01_07	1722	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-25	3.41													
5022044	B01_07	B01_07	1215	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-21	28.3		2019-09-09	2.29										
5022280	B01_07	B01_07	1018	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-31	5.6													
5056546	B06_03_A	B06_03_A	72	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-22	6.53													
5022180	B01_07	B01_07	1124	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-07-15	ND													
5133099	B01_07	B01_07	1423	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-23	1.42													
5075095	B02_01_A	B02_01_A	3654	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-20		No								2019-07-18	1.16													
5022277	B01_07	B01_07	1024	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-25	5.26													
5074641	B02_01_A	B02_01_A	3709	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-21	ND													
5057437	B06_03_A	B06_03_A	955	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-20	2019-05-20	No								2019-05-21	3.78													
5029973	B04_09_A	B04_09_A	6932	MOUNT VERNON ST	Lead	Copper	PEX	Not Replaced	2019-05-20		No								2019-05-23	5.89													
5014560	CEP	CEP	4774	CYPRESS ST	Copper	Lead	Not Replaced	Copper		2019-05-21	No								2019-05-22	92.5													
5074608	B02_01_A	B02_01_A	3725	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-21		No								2019-05-24	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5022279	B01_07	B01_07	1020	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-21		No								2019-05-25	162													
5074468	B02_01_A	B02_01_A	3822	BAYTREE ST	Lead	Lead	PEX	Copper	2019-05-21	2019-05-21	No								2019-06-27	ND													
5057146	B06_03_A	B06_03_A	913	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-21	2019-05-21	No								2019-05-28	8.14													
5074606	B02_01_A	B02_01_A	3733	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-21	2019-05-21	No								2019-05-23	7.32													
5022050	B01_07	B01_07	1419	CHISLETT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-21	2019-05-21	No								2019-05-23	6.3													
5056622	B06_03_A	B06_03_A	59	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-21	2019-05-21	No								2019-09-09	3.63													
5057442	B06_03_A	B06_03_A	973	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-21	2019-05-21	No								2019-05-22	1.36													
5022284	B01_07	B01_07	1008	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-21		No								2019-07-11	3.37													
5040458	Ops	Urgent LSLR	405	N MURTLAND ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-29	No	Yes	Emergency						2019-05-30	1.79													
5044416	CEP	CEP	1230	RICHMOND ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No	Yes							2019-06-10	1.44													
5068261	CEP	CEP	1134	BRABEC ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No								2019-05-25	6													
5024462	B01_07	B01_07	1614	CHISLETT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-22	2019-05-22	No								2019-05-25	4.48													
5024427	B01_07	B01_07	1621	CHISLETT ST	Lead	Copper	PEX	Not Replaced	2019-05-22		No								2019-07-10	1.81													
5074602	B02_01_A	B02_01_A	3803	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No								2019-05-25	34.5		2019-09-11	5.67											
5029844	B04_09_A	B04_09_A	6603	LYRIC ST	Lead	Copper	PEX	Not Replaced	2019-05-22		No								2019-05-24	15													
5022294	B01_07	B01_07	926	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No								2019-05-23	1.28													
5029962	B04_09_A	B04_09_A	904	LAXTON ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No								2019-05-23	6.04													
5056588	B06_03_A	B06_03_A	44	MILLBRIDGE ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No								2019-06-21	9.74													
5075625	B02_01_A	B02_01_A	4037	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-22		No								2019-05-23	1.14		2019-05-24	12.3											
5057421	B06_03_A	B06_03_A	982	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-22	2019-05-22	No								2019-05-28	ND													
5056779	B06_03_A	B06_03_A	832	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-05-25	1.83													
5024459	B01_07	B01_07	1620-1622	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-06-07	1.44													
5056778	B06_03_A	B06_03_A	834	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-05-24	12.4													
5024460	B01_07	B01_07	1618	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-05-26	5.63													
5057441	B06_03_A	B06_03_A	965	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-05-23	156		2019-08-17	1.14											
5022295	B01_07	B01_07	922	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-06-02	10.3													
5067780	CEP	CEP	1209	SEIDLE ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-05-27	1.05													
5022271	B01_07	B01_07	1019	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-23	2019-05-23	No								2019-05-24	1.83													
5024011	B01_07	B01_07	1710 1/2	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-23		No								2019-08-09	11.3													
5056685	B06_03_A	B06_03_A	724	EXCELSIOR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-23	2019-05-23	No								2019-07-18	ND													
5079195	CEP	CEP	945	GRAND AVE	Lead	Copper	PEX	Not Replaced	2019-05-24		No								2019-05-25	8.6													
5024452	B01_07	B01_07	1650	CHISLETT ST	Lead	Copper	PEX	Not Replaced	2019-05-24		No								2019-10-28	2.4													
5030326	B04_09_A	B04_09_A	846	INWOOD ST	Lead	Lead	PEX	Copper	2019-05-24	2019-05-24	No								2019-05-28	1.86													
5074495	B02_01_A	B02_01_A	3955	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-24	2019-05-24	No								2019-05-27	1.73													
5074497	B02_01_A	B02_01_A	3959	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-05-24		No								2019-07-16	ND													
5056616	B06_03_A	B06_03_A	711	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-05-31	1.99													
5024457	B01_07	B01_07	1628-1630	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-06-05	ND													
5024431	B01_07	B01_07	1635	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-05-29	59.7		2019-07-24	4.74											
5022286	B01_07	B01_07	1004	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-06-21	ND													
5024017	B01_07	B01_07	1712	JANCEY ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2020-03-15	1.26													
5074533	B02_01_A	B02_01_A	3874	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-05-30	ND													
5029357	B04_09_A	B04_09_A	6616	APPLE AVE	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-07-19	3.93													
5030336	B04_09_A	B04_09_A	885	INWOOD ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-05-29	ND													
5024419	B01_07	B01_07	1449	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-08-04	ND													
5024424	B01_07	B01_07	1613	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-28	2019-05-28	No								2019-05-31	1.15													
5039767	Ops		6458	LILAC ST	Lead	Copper	PEX	Not Replaced	2019-05-29		No		Emergency						2019-07-29	ND													
5030571	B04_09_A	B04_09_A	828	INWOOD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-05-29	2019-05-29	No								2019-07-26	ND													
5024464	B01_07	B01_07	1610	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-29	2019-05-29	No								2019-05-30	8.67													
5056690	B06_03_A	B06_03_A	740	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-29	2019-05-29	No								2019-06-01	ND													
5072757	B08_06_A	B08_06_A	339	LAFAYETTE AVE	Lead	Copper	PEX	Not Replaced	2019-05-29		No								2019-05-30	ND													
5030560	B04_09_A	B04_09_A	826	INWOOD ST	Lead	Lead	PEX	Copper	2019-05-29	2019-05-29	No								2019-05-30	36.4		2019-09-07	6.55											
5056669	B06_03_A	B06_03_A	739	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-29	2019-05-29	No								2019-05-30	5.08													
5056680	B06_03_A	B06_03_A	712	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-30	2019-05-31	No	Yes							2019-07-17	ND													
5057185	B06_03_A	B06_03_A	852	PROCTOR WAY	Lead	Lead	PEX	Copper	2019-05-30	2019-05-30	No								2019-06-04	10.6													
5024461	B01_07	B01_07	1616	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-30	2019-05-30	No								2019-06-01	2.43													
5024469	B01_07	B01_07	1450	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-30	2019-05-30	No								2019-05-31	4.8													
5055210	B06_03_A	B06_03_A	1018	E WARRINGTON AVE	Lead	Lead	PEX	Copper	2019-05-30	2019-05-30	No								2019-05-31	12.3													
5072684	B08_06_A	B08_06_A	233	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-05-30	2019-05-30	No								2019-07-17	2.49													
5024384	B01_07	B01_07	1666	JANCEY ST	Copper	Lead	Not Replaced	Copper Tailpiece		2019-05-30	No								2019-06-02	4.23													
5025106	B01_07	B01_07	828	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-05-30		No								2019-06-01	ND													
5072760	B08_06_A	B08_06_A	325	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-05-30	2019-05-30	No								2019-05-31	3.85													
5042118	Ops		614	KIRTLAND ST	Lead	Copper	PEX	Not Replaced	2019-05-31		No		Emergency						2019-06-10	5.05													
5025515	B01_07	B01_07	831	CHISLETT ST	Lead	Copper	PEX	Not Replaced	2019-05-31		No								2019-06-03	1.37													
5022291	B01_07	B01_07	5311	WELLESLEY AVE	Lead	Lead	PEX	Copper	2019-05-31	2019-05-31	No								2019-07-27	ND													
5024931	CEP	CEP	1410	MELLON ST	Lead	Lead	PEX	Copper	2019-05-31	2019-05-31	No								2019-06-08	8.75													
5056675	B06_03_A	B06_03_A	723	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-05-31	2019-05-31	No								2019-06-10	3.52													
5024465	B01_07	B01_07	1608	CHISLETT ST	Lead	Lead	PEX	Copper	2019-05-31	2019-05-31	No								2019-06-12	4.45													
5072685	B08_06_A	B08_06_A	229	LAFAYETTE AVE	Lead	Copper	PEX	Not Replaced	2019-05-31		No								2019-08-01	ND													
5030374	B04_09_A	B04_09_A	6958	MONTICELLO ST	Lead	Copper	PEX	Not Replaced	2019-05-31		No								2019-06-06	4.61													
5070912	Ops	Urgent LSLR	153	HENDERSON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-02	2019-06-06	No	Yes	Emergency						2019-07-24	ND													
5072680	B08_06_A	B08_06_A	301	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-06-03	2019-06-03	No								2019-06-13	73.3		2019-07-18	1.88											
5025103	B01_07	B01_07	852	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-03	2019-06-03	No								2019-06-05	16.9		2019-10-24	3.19											
5009036	CEP	CEP	3627	CHARLOTTE ST	Lead	Lead	PEX	Copper	2019-06-03	2019-06-03	No								2019-06-04	ND													
5056901	B06_03_A	B06_03_A	941	E WARRINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-06-04		No								2019-06-07	ND													
5056682	B06_03_A	B06_03_A	718	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-04	2.9													
5006999	CEP	CEP	816	CLARISSA ST	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-05	1.03													
5071446	B08_06_A	B08_06_A	2028	LETSCHE ST	Lead	Copper	PEX	Not Replaced	2019-06-04		No								2019-06-08	4.92													
5025100	B01_07	B01_07	845	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-24	4.69													
5030627	B04_09_A	B04_09_A	906	GERRITT ST	Lead	Copper	PEX	Not Replaced	2019-06-04		No								2019-06-05	ND													
5023976	B01_07	B01_07	1719	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-06-04		No								2019-06-05	9.35													
5022303	B01_07	B01_07	905	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-10	ND													
5056322	CEP	CEP	431	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-05	5.11													
5022302	B01_07	B01_07	903	CHISLETT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-04	2019-06-04	No								2019-06-05	2.69													
5072681	B08_06_A	B08_06_A	253	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-05	3.15													
5056910	B06_03_A	B06_03_A	923	E WARRINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-06-04		No								2019-06-15	ND													
5055830	B06_03_A	B06_03_A	813	EUREKA ST	Lead	Copper	PEX	Not Replaced	2019-06-04		No								2019-06-06	7.93													
5072772	B08_06_A	B08_06_A	338	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-06-04	2019-06-04	No								2019-06-06	ND													
5025499	B01_07	B01_07	824	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-07	6.76													
5055833	B06_03_A	B06_03_A	817	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-16	3.21													
5025525	B01_07	B01_07	836	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-06	2.03													
5071468	B08_06_A	B08_06_A	100	MCNAUGHER ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-08	940		2019-07-13	1.36											
5056748	B06_03_A	B06_03_A	840	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-06	ND													
5024066	B01_07	B01_07	1701	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-09	1.12													
5070097	B08_06_A	B08_06_A	1764	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-06	3.66													
5024422	B01_07	B01_07	1609	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-05	2019-06-05	No								2019-06-07	16.4		2019-09-09	1.01											
5025104	B01_07	B01_07	846	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-06-06		No								2019-06-07	4.84													
5022335	B01_07	B01_07	924	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-06	2019-06-06	No								2019-06-06	22.3		2019-09-22	2.45											
5024055	B01_07	B01_07	1731	CHISLETT ST	Lead	PEX	PEX	Not Replaced	2019-06-06		No								2019-08-22	1.2													
5071481	B08_06_A	B08_06_A	1939	MOUNTFORD AVE	Lead	Lead	PEX	Copper	2019-06-06	2019-06-06	No								2019-08-18	1.9													
5071180	B08_06_A	B08_06_A	2104	MOUNTFORD AVE	Lead	Copper	PEX	Not Replaced	2019-06-06		No								2019-06-07	1.57													
5024056	B01_07	B01_07	1729	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-06	2019-06-06	No								2019-06-12	ND													
5023958	B01_07	B01_07	1811	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-06-06		No								2019-06-10	2.56													
5055860	B06_03_A	B06_03_A	804	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-06	2019-06-06	No								2019-06-06	2.41													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5071462	B08_06_A	B08_06_A	2011	MOUNTFORD AVE	Lead	Lead	PEX	Copper	2019-06-07	2019-06-07	No								2019-06-10	16.1													
5071359	B08_06_A	B08_06_A	1924	LITHGOW AVE	Lead	Lead	PEX	Copper	2019-06-08	2019-06-08	No								2019-08-06	ND													
5072669	B08_06_A	B08_06_A	218	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-06-08	2019-06-08	No								2019-06-09	11.8													
5025504	B01_07	B01_07	5301	STANTON AVE	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	No								2019-06-13	1.1													
5022301	B01_07	B01_07	901	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	No								2019-07-01	8.59													
5030694	B04_09_A	B04_09_A	6909	KELLY ST	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	No								2019-06-15	1.96													
5030695	B04_09_A	B04_09_A	6911	KELLY ST	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	No								2019-08-06	ND													
5047854	CEP	CEP	5027	BLAIR ST	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	No								2019-08-07	ND													
5024052	B01_07	B01_07	1739	CHISLETT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-10	2019-06-10	No								2019-06-16	ND													
5055837	B06_03_A	B06_03_A	827	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	No								2019-08-03	18.9		2019-09-07	6.2											
5023955	B01_07	B01_07	1817	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-06-10		No								2019-06-12	33.2													
5024793	Ops		1338	CORDOVA RD	Lead	Copper	PEX	Not Replaced	2019-06-11		No		Emergency						2019-06-11	ND													
5025505	B01_07	B01_07	5303	STANTON AVE	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-12	2.67													
5071539	B08_06_A	B08_06_A	316	MARSONIA ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-16	1.21													
5072775	B08_06_A	B08_06_A	2026	OSGOOD ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-13	1.64													
5024058	B01_07	B01_07	1725	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-18	17.6													
5023573	B01_07	B01_07	1845	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-12	19.9		2019-09-16	1.19											
5057372	B06_03_A	B06_03_A	1401	ARLINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-06-11		No								2019-09-05	1.13													
5071178	B08_06_A	B08_06_A	2024	OSGOOD ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-09-14	21.9		2019-11-01	5.2											
5030761	B04_09_A	B04_09_A	6927	KELLY ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-13	2.13													
5057389	B06_03_A	B06_03_A	935	CLIMAX ST	Lead	Copper	PEX	Not Replaced	2019-06-11		No								2019-09-14	ND													
5022318	B01_07	B01_07	1029	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-11	2019-06-11	No								2019-06-11	ND													
5030630	B04_09_A	B04_09_A	6965	FRANKSTOWN AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-12	2019-06-12	No								2019-06-13	4.86													
5049886	CEP	CEP	754	LORETTA ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-13	2.75													
5055806	B06_03_A	B06_03_A	723	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-07-25	1.4													
5071177	B08_06_A	B08_06_A	2035	BIGGS AVE	Lead	Copper	PEX	Not Replaced	2019-06-12		No								2019-07-07	2.24													
5025501	B01_07	B01_07	820	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-13	1.23													
5056648	B06_03_A	B06_03_A	722	EUREKA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-12	2019-06-12	No								2019-07-05	ND													
5030783	B04_09_A	B04_09_A	6934	KELLY ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-15	14.5													
5057388	B06_03_A	B06_03_A	931	CLIMAX ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-14	5.59													
5057387	B06_03_A	B06_03_A	939	CLIMAX ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-16	1.2													
5071491	B08_06_A	B08_06_A	2010	MOUNTFORD AVE	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-13	1.18													
5071533	B08_06_A	B08_06_A	2022	OSGOOD ST	Lead	Lead	PEX	Copper	2019-06-12	2019-06-12	No								2019-06-12	2.93													
5022319	B01_07	B01_07	1035	CHISLETT ST	Lead	Copper	PEX	Not Replaced	2019-06-13		No								2019-06-15	3.75													
5072676	B08_06_A	B08_06_A	246	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-06-13	2019-06-13	No								2019-06-15	ND													
5056646	B06_03_A	B06_03_A	716	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-13	2019-06-13	No								2019-06-16	ND													
5056647	B06_03_A	B06_03_A	720	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-13	2019-06-13	No								2019-06-16	1.81													
5055861	B06_03_A	B06_03_A	802	EUREKA ST	Lead	Copper	PEX	Not Replaced	2019-06-13		No								2019-06-16	3.02													
5056837	B06_03_A	B06_03_A	909	E WARRINGTON AVE	Lead	Lead	PEX	Copper	2019-06-13	2019-06-13	No								2019-06-15	29.6													
5030623	B04_09_A	B04_09_A	6951 1/2	FRANKSTOWN AVE	Lead	Copper	PEX	Not Replaced	2019-06-13		No								2019-06-13	48.5													
5030622	B04_09_A	B04_09_A	6951	FRANKSTOWN AVE	Lead	Copper	PEX	Not Replaced	2019-06-13		No								2019-06-14	5.7													
5024445	B01_07	B01_07	1700	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-14	2019-06-14	No								2019-06-15	17.1													
5022006	B01_07	CEP	1422	JANCEY ST	Copper	Lead	Not Replaced	Copper		2019-06-14	No								2019-06-22	2.13													
5048681	CEP	CEP	223	MANSION ST	Lead	Copper	PEX	Not Replaced	2019-06-14		No								2019-06-16	3.6													
5055733	B06_03_A	B06_03_A	613	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-17	2019-06-17	No								2019-06-17	3.64													
5055852	B06_03_A	B06_03_A	917	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-17	2019-06-17	No								2019-06-18	20.9		2019-11-20	ND											
5070154	B08_06_A	B08_06_A	1800	BELLEAU ST	Lead	Lead	PEX	Copper	2019-06-17	2019-06-17	No								2019-06-19	1.44													
5070186	B08_06_A	B08_06_A	1624	MEADVILLE ST	Lead	Lead	PEX	Copper	2019-06-17	2019-06-17	No								2019-08-07	1.63													
5024478	B01_07	B01_07	1619	VILLANOVA RD	Lead	Lead	PEX	Copper	2019-06-17	2019-06-17	No								2019-06-19	11.1													
5067877	CEP	CEP	1216	SPRING GARDEN AVE	Lead	Copper	PEX	Not Replaced	2019-06-17		No								2019-06-18	ND													
5070768	B08_06_A	B08_06_A	1416	BOYLE ST	Lead	Copper	PEX	Not Replaced	2019-06-17		No								2019-06-18	1.33													
5032248	B04_09_B	B04_09_B	7030	FRANKSTOWN AVE	Lead	Lead	PEX	Copper	2019-06-17	2019-06-17	No								2019-08-07	15.4													
5023575	B01_07	B01_07	1841	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-07-06	2.58													
5024473	B01_07	B01_07	1601	VILLANOVA RD	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-06-24	3.12													
5022266	B01_07	B01_07	1001	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-06-18		No								2019-08-09	1.12													
5056600	B06_03_A	B06_03_A	620	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-08-09	1.32													
5055789	B06_03_A	B06_03_A	909	MCLAIN ST	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-06-20	1.73													
5033182	B04_09_B	B04_09_B	7037	FRANKSTOWN AVE	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-06-19	34		2019-09-14	4.25											
5068717	CEP	CEP	1214	HASLAGE AVE	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-09-09	3.21													
5024480	B01_07	B01_07	1629	VILLANOVA RD	Lead	Lead	PEX	Copper	2019-06-18	2019-06-18	No								2019-06-19	37.3													
5000631	Ops	Urgent LSLR	1814	TUSTIN ST	Lead	Lead	PEX	Copper	2019-06-19	2019-06-20	No	Yes	Emergency						2019-06-21	1.98													
5022326	B01_07	B01_07	1022	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-19	2019-06-19	No								2019-08-14	2.18													
5030789	B04_09_A	B04_09_A	6918	KELLY ST	Lead	Lead	PEX	Copper	2019-06-19	2019-06-19	No								2019-07-02	2.56													
5032244	B04_09_B	B04_09_B	7029	FRANKSTOWN AVE	Lead	Lead	PEX	Copper	2019-06-19	2019-06-19	No								2019-06-20	5.98													
5070171	B08_06_A	B08_06_A	1816	MEADVILLE ST	Lead	Copper	PEX	Not Replaced	2019-06-19		No								2019-08-28	1.78													
5121487	CEP	CEP	41	MARYLAND AVENUE	Lead	Lead	PEX	Copper	2019-06-19	2019-06-19	No								2019-07-05	ND													
5023572	B01_07	B01_07	1847	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-08-20	1.36													
5030705	B04_09_A	B04_09_A	6838	KELLY ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-20	4.23													
5022197	B01_07	B01_07	1175	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-21	4.57													
5032245	B04_09_B	B04_09_B	7035	FRANKSTOWN AVE	Lead	PEX	PEX	Not Replaced	2019-06-20		No								2019-06-21	2.74													
5055725	B06_03_A	B06_03_A	606	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-21	ND													
5023592	B01_07	B01_07	1880	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-22	ND													
5070829	B08_06_A	B08_06_A	1412	SANDUSKY ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-25	1.87													
5023719	B01_07	B01_07	7210	WITHERSPOON ST	Lead	Copper	PEX	Not Replaced	2019-06-20		No								2019-06-22	2.87													
5022149	B01_07	B01_07	1173	JANCEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-20	2019-06-20	No								2019-07-22	1.01													
5055726	B06_03_A	B06_03_A	608	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-20	48.3		2019-09-11	2.1											
5023590	B01_07	B01_07	1876	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-21	1.24													
5027523	CEP	CEP	617	COLLINS AVE	Lead	Lead	PEX	Copper	2019-06-20	2019-06-20	No								2019-06-24	3.31													
5023961	B01_07	B01_07	1803	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-21	2019-06-21	No								2019-06-26	3.14													
5023591	B01_07	B01_07	1878	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-21	2019-06-21	No								2019-06-22	1.4													
5055208	B06_03_A	B06_03_A	1014	E WARRINGTON AVE	Lead	Lead	PEX	Copper	2019-06-21	2019-06-21	No								2019-06-21	1.34													
5024392	B01_07	B01_07	1642	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-21	2019-06-21	No								2019-08-27	4.19													
5056599	B06_03_A	B06_03_A	618	EUREKA ST	Lead	Lead	PEX	Copper	2019-06-21	2019-06-21	No								2019-06-24	2.81													
5024393	B01_07	B01_07	1644	JANCEY ST	Lead	Copper	PEX	Not Replaced	2019-06-21		No								2019-06-23	1.5													
5071532	B08_06_A	B08_06_A	2025	OSGOOD ST	Lead	Lead	PEX	Copper	2019-06-21	2019-06-24	No	Yes							2019-06-27	1.82													
5023569	B01_07	B01_07	1853	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-21	2019-06-21	No								2019-06-22	ND													
5030709	B04_09_A	B04_09_A	621	N DALLAS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-24	2019-06-24	No								2019-10-09	ND													
5023560	B01_07	B01_07	1881	JANCEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-24	2019-06-24	No								2019-06-26	13.4													
5023954	B01_07	B01_07	1821	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-24	2019-06-24	No								2019-08-16	8.64													
5030690	B04_09_A	B04_09_A	701	N DALLAS AVE	Lead	Lead	PEX	Copper	2019-06-24	2019-06-24	No								2019-06-28	8.28													
5024113	B01_07	B01_07	1804	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-24	2019-06-24	No								2019-06-25	2.13													
5056586	B06_03_A	B06_03_A	625	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-06-24	2019-06-24	No								2019-06-26	ND													
5056585	B06_03_A	B06_03_A	621	EXCELSIOR ST	Lead	Lead	PEX	Copper	2019-06-24	2019-06-24	No								2019-07-01	34.2		2019-10-01	2.12											
5024047	B01_07	B01_07	1809	CHISLETT ST	Lead	Lead	PEX	Copper	2019-06-25	2019-06-25	No								2019-06-26	1.37													
5055893	B06_03_A	B06_03_A	12	RENWICK ST	Lead	Copper	PEX	Not Replaced	2019-06-25		No								2019-06-27	ND													
5032669	B04_09_B	B04_09_B	7154	KEDRON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-25	2019-06-25	No								2019-08-16	ND													
5072396	B08_06_B	B08_06_B	412	BARK ST	Lead	Copper	PEX	Not Replaced	2019-06-25		No								2020-03-28	5.1													
5055898	B06_03_A	B06_03_A	4	RENWICK ST	Lead	Copper	PEX	Not Replaced	2019-06-25		No								2019-07-12	ND													
5032649	B04_09_B	B04_09_B	7111	KEDRON ST	Lead	Lead	PEX	Copper	2019-06-26	2019-06-26	No								2019-06-26	ND													
5072363	B08_06_B	B08_06_B	2410	OSGOOD ST	Lead	Lead	PEX	Copper	2019-06-26	2019-06-26	No								2019-06-28	1.89													
5055608	B06_03_A	B06_03_A	618	WINDOM ST	Lead	Lead	PEX	Not Replaced	2019-06-26		No								2019-06-28	ND													
5032531	B04_09_B	B04_09_B	7029	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-06-26	2019-06-26	No								2019-06-27	22.8		2019-09-26	8.83											
5032564	B04_09_B	B04_09_B	7035	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-06-26	2019-06-26	No								2019-06-27	28													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5072662	B08_06_B	B08_06_B	2213	FEDERAL STREET EXT	Lead	Copper	PEX	Not Replaced	2019-06-26		No								2019-08-18	ND													
5072692	B08_06_B	B08_06_B	216	SEABRIGHT ST	Lead	Lead	PEX	Copper	2019-06-27	2019-06-27	No								2019-07-01	ND													
5032616	B04_09_B	B04_09_B	7042	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-06-27	2019-06-27	No								2019-06-28	2.3													
5032660	B04_09_B	B04_09_B	7133	KEDRON ST	Lead	Lead	PEX	Copper	2019-06-27	2019-06-27	No								2019-06-28	13.6													
5055841	B06_03_A	B06_03_A	842	MCLAIN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-27	2019-06-27	No								2020-02-06	1.18													
5032647	B04_09_B	B04_09_B	7107	KEDRON ST	Lead	Lead	PEX	Copper	2019-06-27	2019-06-27	No								2019-06-29	15.5													
5072361	B08_06_B	B08_06_B	2409	OSGOOD ST	Lead	Lead	PEX	Copper	2019-06-27	2019-06-27	No								2019-08-06	2.58													
5025784	CEP	CEP	901	MELLON ST	Lead	Lead	Copper	Copper	2019-06-27	2019-06-27	No								2019-09-07	ND													
5080906	CEP	CEP	3712	PARVISS ST	Lead	Lead	PEX	Copper	2019-06-27	2019-06-27	No								2019-06-28	8.04													
5022193	B01_07	B01_07	1166-1168	JANCEY ST	Lead	Lead	PEX	Copper	2019-06-28	2019-06-28	No								2019-06-29	8.87		2019-06-29	4.66										
5032691	B04_09_B	B04_09_B	7028	KEDRON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-06-28	2019-06-28	No								2019-06-29	20.4		2019-09-19	2.62										
5072690	B08_06_B	B08_06_B	2216	FEDERAL EXT	Lead	Lead	PEX	Copper	2019-06-28	2019-06-28	No								2019-08-20	1.49													
5024046	B01_07	CEP	1811	CHISLETT ST	Copper	Lead	Not Replaced	Copper		2019-06-28	No								2019-07-01	26.4		2019-11-05	13.9		2020-02-21	1.76							
5030624	B04_09_A	B04_09_A	6953	FRANKSTOWN AVE	Lead	Copper	PEX	Not Replaced	2019-06-28		No								2019-08-24	ND													
5032685	B04_09_B	CEP	7044	KEDRON ST	Copper	Lead	Not Replaced	Copper		2019-06-28	No								2019-06-29	ND													
5061032	CEP	CEP	220	OLYMPIA ST	Copper	Lead	Not Replaced	Copper		2019-06-28	No								2019-06-30	20.1		2019-10-30	4.93										
5055832	B06_03_A	B06_03_A	826	MCLAIN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-01	2019-07-01	No								2019-07-09	52.7		2019-11-15	3.38										
5032637	B04_09_B	B04_09_B	7027	KEDRON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-01	2019-07-01	No								2019-07-02	4.76													
5032682	B04_09_B	B04_09_B	7050	KEDRON ST	Lead	Lead	PEX	Copper	2019-07-01	2019-07-01	No								2019-07-01	19.9													
5071475	B08_06_A	B08_06_A	13	BELLEAU ST	Lead	Lead	PEX	Copper	2019-07-01	2019-07-01	No								2019-08-28	ND													
5030359	B04_09_A	B04_09_A	1009	GERRITT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-02	2019-07-02	No								2019-12-31	2.7													
5072658	B08_06_B	B08_06_B	2243	FEDERAL EXT	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-02	2019-07-02	No								2019-07-03	8.99													
5032646	B04_09_B	B04_09_B	7105	KEDRON ST	Lead	Lead	PEX	Copper	2019-07-02	2019-07-02	No								2019-07-02	1.28													
5056656	B06_03_A	B06_03_A	735	CERES WAY	Lead	Lead	PEX	Copper	2019-07-02	2019-07-02	No								2019-07-03	3.1													
5072317	B08_06_B	B08_06_B	2336	MAPLE AVE	Lead	Copper	PEX	Not Replaced	2019-07-02		No								2019-07-03	43.4													
5072316	B08_06_B	B08_06_B	2334	MAPLE AVE	Lead	Lead	PEX	Copper	2019-07-02	2019-07-02	No								2019-08-05	ND													
5032968	B04_09_B	B04_09_B	7221	KEDRON ST	Lead	Lead	PEX	Copper	2019-07-02	2019-07-02	No								2019-07-06	ND													
5032938	B04_09_B	B04_09_B	7328	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-07-02	2019-07-02	No								2019-07-23	ND													
5033046	B04_09_B	B04_09_B	1032	N LANG AVE	Lead	Lead	PEX	Copper	2019-07-02	2019-07-02	No								2019-07-03	ND													
5056655	B06_03_A	B06_03_A	739	CERES WAY	Lead	Lead	PEX	Copper	2019-07-03	2019-07-03	No								2019-07-05	2.78													
5032787	B04_09_B	B04_09_B	1113	N LANG AVE	Lead	Lead	PEX	Copper	2019-07-03	2019-07-03	No								2019-07-06	12.4													
5072713	B08_06_B	B08_06_B	2230	FEDERAL EXT	Lead	Copper	PEX	Not Replaced	2019-07-03		No								2019-07-29	11.2													
5032729	B04_09_B	B04_09_B	7108	HERMITAGE ST	Lead	Copper	PEX	Not Replaced	2019-07-03		No								2019-07-03	2.29													
5032864	B04_09_B	B04_09_B	7241	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-07-03	2019-07-03	No								2019-08-12	2.27													
5014187	CEP	CEP	364	W PENN PL	Lead	Lead	PEX	Copper	2019-07-03	2019-07-03	No								2019-07-05	2.85													
5007622	Ops	Urgent LSLR	3120	IOWA ST	Lead	Lead	PEX	Copper	2019-07-06	2019-07-22	No	Yes	Emergency						2019-08-30	16													
5007619	Ops	Urgent LSLR	3118	IOWA ST	Lead	Lead	PEX	Copper	2019-07-06	2019-07-22	No	Yes	Emergency						2019-08-29	3.46													
5032959	B04_09_B	B04_09_B	7247	KEDRON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-08	2019-07-08	No								2019-07-11	ND													
5072437	B08_06_B	B08_06_B	436	E BURGESS ST	Lead	Lead	PEX	Copper	2019-07-08	2019-07-08	No								2019-07-09	5.16													
5056661	B06_03_A	B06_03_A	29	ALLEN ST	Lead	Lead	PEX	Copper	2019-07-08	2019-07-08	No								2019-07-08	124		2019-12-11	4										
5072312	B08_06_B	B08_06_B	2409	MAPLE AVE	Lead	Lead	PEX	Copper	2019-07-08	2019-07-08	No								2019-07-10	2.05													
5032736	B04_09_B	B04_09_B	1119	N LANG AVE	Lead	Lead	PEX	Copper	2019-07-08	2019-07-08	No								2019-07-12	4.41													
5056649	B06_03_A	B06_03_A	728	EUREKA ST	Lead	Lead	PEX	Copper	2019-07-08	2019-07-08	No								2019-07-08	3.89													
5042711	B07_05_A	B07_05_A	6348	CROMBIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-09	2019-07-09	No								2019-07-18	10.1													
5032909	B04_09_B	B04_09_B	7218	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-07-09	2019-07-09	No								2019-07-10	14.7													
5072436	B08_06_B	B08_06_B	434	E BURGESS ST	Lead	Lead	PEX	Copper	2019-07-09	2019-07-09	No								2019-09-04	6.13													
5033022	B04_09_B	B04_09_B	7119	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-07-09	2019-07-09	No								2019-07-10	ND													
5042627	B07_05_A	B07_05_A	6349	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-09	2019-07-09	No								2019-07-10	7.14													
5072409	B08_06_B	B08_06_B	429	E BURGESS ST	Lead	Lead	PEX	Copper	2019-07-09	2019-07-09	No								2019-07-14	3.63													
5063645	CEP	CEP	901	WILHELM ST	Lead	Copper	PEX	Not Replaced	2019-07-09		No								2019-08-24	1.23													
5057355	B06_03_A	B06_03_A	61	E AMANDA AVE	Lead	Copper	PEX	Not Replaced	2019-07-09		No								2019-07-12	22.1		2019-10-26	ND										
5056535	B06_03_A	B06_03_A	610	EDGEMONT ST	Lead	Lead	PEX	Copper	2019-07-10	2019-07-10	No								2019-07-10	26.6		2019-10-19	ND										
5072308	B08_06_B	B08_06_B	125	E MCINTYRE AVE	Lead	Copper	PEX	Not Replaced	2019-07-10		No								2019-07-12	4.91													
5033031	B04_09_B	B04_09_B	7153	MONTICELLO ST	Lead	Copper	PEX	Not Replaced	2019-07-10		No								2019-07-12	ND													
5032924	B04_09_B	B04_09_B	7319	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-07-10	2019-07-10	No								2019-07-11	185		2019-11-01	7.27										
5072413	B08_06_B	B08_06_B	415	E BURGESS ST	Lead	Lead	PEX	Copper	2019-07-10	2019-07-10	No								2019-10-08	ND													
5057348	B06_03_A	B06_03_A	75	E AMANDA AVE	Lead	Lead	PEX	Copper	2019-07-10	2019-07-10	No								2019-07-14	3.37													
5057341	B06_03_A	B06_03_A	1509	ARLINGTON AVE	Lead	Lead	PEX	Copper	2019-07-10	2019-07-10	No								2019-07-21	1.7													
5049631	A15_05_B	CEP	4124	WINDSOR ST	Copper	Lead	Not Replaced	Copper		2019-07-10	No								2019-09-26	ND													
5038485	B07_05_A	B07_05_A	6329	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-10	2019-07-10	No								2019-07-11	32.5		2019-10-26	11.1										
5056752	B06_03_A	B06_03_A	839	CERES WAY	Lead	Lead	PEX	Copper	2019-07-11	2019-07-11	No								2019-07-14	1.55													
5057364	B06_03_A	B06_03_A	947	FREELAND ST	Lead	Lead	PEX	Copper	2019-07-11	2019-07-11	No								2019-08-05	3.72													
5072726	B08_06_B	B08_06_B	2328	MAPLE AVE	Lead	Lead	PEX	Copper	2019-07-11	2019-07-11	No								2019-07-15	2.35													
5072420	B08_06_B	B08_06_B	313	E MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-11	2019-07-11	No								2019-07-12	59.3		2019-08-08	2.26										
5049594	CEP	CEP	886	KENNEBEC ST	Copper	Lead	Not Replaced	Copper		2019-07-11	No				2018-07-21	2019-01-14	8		2019-07-13	ND													
5072415	B08_06_B	B08_06_B	401	E BURGESS ST	Lead	Copper	PEX	Not Replaced	2019-07-11		No								2019-07-17	ND													
5033289	B04_09_B	B04_09_B	7209	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-07-11	2019-07-11	No								2019-07-13	1.79													
5057400	B06_03_A	B06_03_A	1339	ARLINGTON AVE	Lead	Lead	PEX	Copper	2019-07-12	2019-07-12	No								2019-07-13	12.7													
5042629	B07_05_A	B07_05_A	6353	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-12	2019-07-12	No								2019-07-15	3.58													
5055219	B06_03_A	B06_03_A	12	AMANDA AVE	Lead	Lead	PEX	Copper	2019-07-12	2019-07-12	No								2019-07-15	2.13													
5072380	B08_06_B	B08_06_B	2333	HAZELTON ST	Lead	Lead	PEX	Copper	2019-07-12	2019-07-12	No								2019-07-14	3.04													
5042712	B07_05_A	B07_05_A	6352	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-12	2019-07-12	No								2019-07-15	1.77													
5055370	B06_03_A	B06_03_A	14	E AMANDA AVE	Lead	Lead	PEX	Copper	2019-07-15	2019-07-15	No								2019-07-17	10.1													
5038482	B07_05_A	B07_05_A	6341	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-15	2019-07-15	No								2019-07-16	ND													
5072107	B08_06_B	B08_06_B	2534	MAPLE AVE	Lead	Copper	PEX	Not Replaced	2019-07-15		No								2019-08-06	1.41													
5072100	B08_06_B	B08_06_B	2504	MAPLE AVE	Lead	Copper	PEX	Not Replaced	2019-07-15		No								2019-09-11	1.35													
5072311	B08_06_B	B08_06_B	2415	MAPLE AVE	Lead	Lead	PEX	Copper	2019-07-15	2019-07-15	No								2019-10-01	1.44													
5052460	CEP	CEP	2830	SARAH ST	Lead	Lead	PEX	Copper	2019-07-15	2019-07-15	No								2019-07-31	ND													
5072421	B08_06_B	B08_06_B	311	E MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-16	2019-07-16	No								2019-08-20	1.25													
5055824	B06_03_A	B06_03_A	2	ALLEN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-16	2019-07-16	No								2019-09-15	ND													
5057402	B06_03_A	B06_03_A	1335	ARLINGTON AVE	Lead	Lead	PEX	Copper	2019-07-16	2019-07-16	No								2019-09-10	ND													
5054638	CEP	CEP	2016	SARAH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-16	2019-07-16	No								2019-07-17	3.72													
5121926	CEP	CEP	858	STANTON AVENUE	Lead	Lead	PEX	Copper	2019-07-16	2019-07-16	No								2019-09-10	ND													
5038961	B07_05_A	B07_05_A	6330	CROMBIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-16	2019-07-16	No								2019-07-19	2.2													
5072429	B08_06_B	B08_06_B	2440	HAZELTON ST	Lead	Lead	PEX	Copper	2019-07-16	2019-07-16	No								2019-07-19	5.27													
5032702	B04_09_B	B04_09_B	7045	HERMITAGE ST	Lead	Lead	PEX	Copper	2019-07-16	2019-07-16	No								2019-07-24	2.81													
5057340	B06_03_A	B06_03_A	1507	ARLINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-07-16		No								2019-07-29	ND													
5042642	B07_05_A	B07_05_A	6353	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-08-04	ND													
5057193	B06_03_A	B06_03_A	1320	ARLINGTON AVE	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-07-18	1.18													
5071973	B08_06_B	B08_06_B	2527	MAPLE AVE	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-07-22	24.2													
5072341	B08_06_B	B08_06_B	2449	HAZELTON ST	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-08-12	ND													
5048976	CEP	CEP	66	CUST ST	Lead	Copper	PEX	Not Replaced	2019-07-17		No								2019-07-18	3.81													
5038488	B07_05_A	B07_05_A	6321	CROMBIE ST	Lead	Copper	PEX	Not Replaced	2019-07-17		No								2019-07-18	ND													
5072343	B08_06_B	B08_06_B	2445	HAZELTON ST	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-08-05	5.75													
5072344	B08_06_B	B08_06_B	2443	HAZELTON ST	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-07-18	3.56													
5042644	B07_05_A	B07_05_A	6357	WALDRON ST	Lead	Copper	PEX	Not Replaced	2019-07-17		No								2019-09-13	ND													
5065348	CEP	CEP	1204	SUCCESS ST	Lead	Lead	PEX	Copper	2019-07-17	2019-07-17	No								2019-09-27	2.13													
5038489	B07_05_A	B07_05_A	6319	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-18	2019-07-18	No								2019-07-19	27.5		2019-11-11	ND										
5038959	B07_05_A	B07_05_A	6338	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-18	2019-07-18	No								2019-07-22	31.7		2020-01-21	ND										
5072103	B08_06_B	B08_06_B	2518	MAPLE AVE	Lead	Lead	PEX	Copper	2019-07-18	2019-07-18	No								2019-07-19	ND													
5033140	B04_09_B	B04_09_B	7123	IDLEWILD ST	Lead	Lead	PEX	Copper	2019-07-18	2019-07-18	No								2019-07-19	37.4		2019-11-15	ND										
5038518	B07_05_A	B07_05_A	6341	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-18	2019-07-18	No								2019-08-21	ND													
5053632	B06_03_A	B06_03_A	41	HARTFORD ST	Lead	Copper	PEX	Not Replaced	2019-07-18		No								2019-07-21	5													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5038491	B07_05_A	B07_05_A	6313	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-19	2019-07-19	No								2019-07-20	ND													
5033293	B04_09_B	B04_09_B	7204	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-07-19	2019-07-19	No								2019-07-19	25.3		2019-10-26	2.73											
5072199	B08_06_B	B08_06_B	149	MCINTYRE AVE	Lead	Copper	PEX	Not Replaced	2019-07-19		No								2019-07-31	ND													
5121862	CEP	CEP	621	STANTON AVENUE	Copper	Lead	Not Replaced	Copper		2019-07-19	No								2019-07-21	1.48													
5068896	Ops	Urgent LSLR	1148	ADMIRAL ST	Lead	Lead	PEX	Copper	2019-07-22	2019-08-01	No	Yes	Emergency						2019-08-02	3.97													
5033225	B04_09_B	B04_09_B	7204	HERMITAGE ST	Lead	Lead	PEX	Not Replaced	2019-07-22		Yes								2019-11-13	ND													
5032215	B04_09_B	B04_09_B	7025	FIELDING WAY	Lead	Lead	PEX	Copper	2019-07-22	2019-07-22	No								2019-08-11	28.4													
5072073	B08_06_B	B08_06_B	20	MAGNET ST	Lead	Lead	PEX	Not Replaced	2019-07-22		Yes								2019-07-23	4.96													
5042640	B07_05_A	B07_05_A	6350	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-22	2019-07-22	No								2019-07-24	5.16													
5033091	B04_09_B	B04_09_B	7150	RACE ST	Lead	Lead	PEX	Copper	2019-07-22	2019-07-22	No								2019-07-25	1.34													
5072195	B08_06_B	B08_06_B	123	MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-22	2019-07-22	No								2019-07-23	5.03													
5038967	B07_05_A	B07_05_A	6316	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-22	2019-07-23	No	Yes							2019-07-24	2.36													
5038968	B07_05_A	B07_05_A	6314	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-22	2019-07-25	No	Yes							2019-07-30	9.76													
5005053	CEP	CEP	3632	FRAZIER ST	Copper	Lead	Not Replaced	Copper		2019-07-23	No								2019-07-29	ND													
5042651	B07_05_A	B07_05_A	2408	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-07-23	2019-07-23	No								2019-08-02	2.86													
5031865	B04_09_B	B04_09_B	1545	OAKDENE ST	Lead	Lead	PEX	Copper	2019-07-23	2019-07-23	No								2019-07-30	8.86													
5057145	B06_03_A	B06_03_A	1227	ARLINGTON AVE	Lead	Lead	PEX	Not Replaced	2019-07-23		Yes								2019-07-24	95.4		2019-08-22	2.94											
5055780	B06_03_A	B06_03_A	29	ROANOKE ST	Lead	Lead	PEX	Copper	2019-07-23	2019-07-23	No								2019-07-25	1.75													
5042643	B07_05_A	B07_05_A	6355	WALDRON ST	Lead	PEX	PEX	Not Replaced	2019-07-23		No								2019-07-24	2.68													
5072270	B08_06_B	B08_06_B	114	MAYWOOD ST	Lead	Lead	PEX	Copper	2019-07-23	2019-07-23	No								2019-07-27	3.3													
5057363	B06_03_A	B06_03_A	949	FREELAND ST	Lead	Lead	PEX	Not Replaced	2019-07-23		Yes								2019-07-24	14													
5057149	B06_03_A	B06_03_A	1312	ARLINGTON AVE	Lead	Lead	PEX	Copper	2019-07-24	2019-07-24	No								2019-07-29	1.87													
5042634	B07_05_A	B07_05_A	2436	BEECHWOOD BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-24	2019-07-24	No								2019-07-27	ND													
5072250	B08_06_B	B08_06_B	122	MCINTYRE AVE	Lead	Copper	PEX	Not Replaced	2019-07-24		No								2019-09-16	ND													
5031957	B04_09_B	B04_09_B	7208	HILLIARDS ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-24	2019-07-24	No								2019-07-28	1.54													
5072294	B08_06_B	B08_06_B	2430	PERRYSVILLE AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-24	2019-07-24	No								2019-07-25	4.79													
5038519	B07_05_A	B07_05_A	6337	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-24	2019-07-24	No								2019-07-26	2.31													
5042647	B07_05_A	B07_05_A	2424	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-07-24	2019-07-24	No								2019-07-26	ND													
5033086	B04_09_B	B04_09_B	7151	RACE ST	Lead	Lead	PEX	Copper	2019-07-24	2019-07-24	No								2019-10-04	2.06													
5072917	CEP	CEP	911	S SIDE AVE	Lead	Lead	PEX	Copper	2019-07-24	2019-07-24	No								2019-07-25	56.1		2019-08-13	71.6		2019-08-21	15.1		2019-09-13	2.1				
5072266	B08_06_B	B08_06_B	106	MAYWOOD ST	Lead	Copper	PEX	Not Replaced	2019-07-24		No								2019-07-25	13.4													
5057368	B06_03_A	B06_03_A	1433	ARLINGTON AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-25	2019-07-25	No								2019-07-31	1.64													
5042631	B07_05_A	B07_05_A	2444	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-07-25	2019-07-25	No								2019-07-26	1.17													
5038508	B07_05_A	B07_05_A	6330	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-25	2019-07-25	No								2019-07-30	1.04													
5072255	B08_06_B	B08_06_B	107	MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-25	2019-07-25	No								2019-07-27	1.94													
5042633	B07_05_A	B07_05_A	2440	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-07-25		No								2020-05-05	ND													
5055215	B06_03_A	B06_03_A	8	SHARON ST	Lead	Lead	PEX	Copper	2019-07-25	2019-07-25	No								2019-07-27	ND													
5053903	Ops		75	S 16TH ST	Lead	Copper	PEX	Not Replaced	2019-07-26		No		Emergency						2019-07-27	11													
5038963	B07_05_A	B07_05_A	6326	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-26	2019-07-26	No								2019-07-28	11.6													
5005899	CEP	CEP	2539	MAHON ST	Copper	Lead	Not Replaced	Copper		2019-07-26	No								2019-07-28	1.28													
5072260	B08_06_B	B08_06_B	23	MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-26	2019-07-26	No								2019-07-30	3.06													
5033231	B04_09_B	B04_09_B	7218	HERMITAGE ST	Lead	Lead	PEX	Copper	2019-07-26	2019-07-26	No								2019-07-31	1.16													
5074178	CEP	CEP	2714	SPRING GARDEN AVE	Lead	Lead	PEX	Copper	2019-07-26	2019-07-26	No								2019-07-27	7.54													
5057408	B06_03_A	B06_03_A	936	INDUSTRY ST	Lead	Copper	PEX	Not Replaced	2019-07-29		No								2019-07-29	ND		2019-07-30	ND										
5072241	B08_06_B	B08_06_B	38	MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-29	2019-07-29	No								2019-07-30	ND													
5038964	B07_05_A	B07_05_A	6324	CROMBIE ST	Lead	Lead	PEX	Copper	2019-07-29	2019-07-29	No								2019-08-30	2.65													
5042650	B07_05_A	B07_05_A	2412	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-07-29	2019-07-29	No								2019-07-30	1.07													
5072240	B08_06_B	B08_06_B	34	MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-29	2019-07-29	No								2019-07-31	3.3		2019-08-10	6.42											
5042636	B07_05_A	B07_05_A	2430	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-07-29		No								2019-08-04	ND													
5038525	B07_05_A	B07_05_A	6323	WALDRON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-29	2019-07-29	No								2019-07-31	3.38													
5072532	B08_06_B	B08_06_B	2247	WILSON AVE	Lead	Lead	PEX	Copper	2019-07-29	2019-07-29	No								2019-07-30	10.7													
5038965	B07_05_A	B07_05_A	6322	CROMBIE ST	Lead	Copper	PEX	Not Replaced	2019-07-29		No								2019-08-10	ND													
5033554	B04_09_B	B04_09_B	7322	IDLEWILD ST	Lead	Lead	PEX	Copper	2019-07-29	2019-07-29	No								2019-07-30	31.6		2019-07-30	36.1										
5072238	B08_06_B	B08_06_B	28	MCINTYRE AVE	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-07-31	13													
5072527	B08_06_B	B08_06_B	2227	WILSON AVE	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-08-01	ND													
5042649	B07_05_A	B07_05_A	2416	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-11-20	1.01													
5056889	B06_03_A	B06_03_A	945	ST MARTIN ST	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-08-02	2.71													
5042641	B07_05_A	B07_05_A	6348	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-07-31	2.02													
5072605	B08_06_B	B08_06_B	2216	WILSON AVE	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-08-01	4.26													
5072626	B08_06_B	B08_06_B	207	W BURGESS ST	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-08-03	1.27													
5042732	B07_05_A	B07_05_A	2526-2528	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-07-30		No								2019-07-31	ND													
5058545	B05_02_A	B05_02_A	314	MAPLE TER	Lead	Lead	PEX	Copper	2019-07-30	2019-07-30	No								2019-07-31	ND													
5056373	A13_03	CEP	63	HABERMAN AVE	PEX	Lead	Not Replaced	Copper		2019-07-30	No								2019-08-02	ND													
5032792	B04_09_B	B04_09_B	7111	MONTICELLO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-07-31	2019-07-31	No								2019-10-07	ND													
5072262	B08_06_B	B08_06_B	2439	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2019-08-01	2.07													
5042735	B07_05_A	B07_05_A	2538-2540	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2020-05-17	ND													
5071373	B08_06_B	B08_06_B	112	LAFAYETTE AVE	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2019-08-30	ND													
5005946	CEP	CEP	618	MORGAN ST	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2019-08-05	10.5													
5072625	B08_06_B	B08_06_B	209	W BURGESS ST	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2019-08-05	846		2019-11-04	1.03										
5058578	B05_02_A	B05_02_A	321	MAPLE TER	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2019-08-21	1.2													
5038505	B07_05_A	B07_05_A	6322	WALDRON ST	Lead	Lead	PEX	Copper	2019-07-31	2019-07-31	No								2019-08-03	ND													
5072607	B08_06_B	B08_06_B	2212	WILSON AVE	Lead	Copper	PEX	Not Replaced	2019-07-31		No								2019-07-31	ND													
5038524	B07_05_A	B07_05_A	6325	WALDRON ST	Lead	Copper	PEX	Not Replaced	2019-07-31		No								2019-08-02	ND													
5058548	B05_02_A	B05_02_A	326	MAPLE TER	Lead	Copper	PEX	Not Replaced	2019-07-31		No								2019-08-06	ND													
5033045	B04_09_B	B04_09_B	7104	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-08-01	2019-08-01	No								2019-08-02	4.18													
5042734	B07_05_A	B07_05_A	2534	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-01	2019-08-01	No								2019-08-15	1.15													
5058582	B05_02_A	B05_02_A	339	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-01	2019-08-01	No								2019-08-03	1.05													
5072329	B08_06_B	B08_06_B	2430	MAPLE AVE	Lead	Lead	PEX	Copper	2019-08-01	2019-08-01	No								2019-08-03	3.52													
5058474	B05_02_A	B05_02_A	320	GRACE ST	Lead	Copper	PEX	Not Replaced	2019-08-01		No								2019-08-21	ND													
5058584	B05_02_A	B05_02_A	343	MAPLE TER	Lead	Copper	PEX	Not Replaced	2019-08-01		No								2019-08-03	ND													
5033301	B04_09_B	B04_09_B	7238	MONTICELLO ST	Lead	Copper	PEX	Not Replaced	2019-08-01		No								2019-08-02	524		2019-09-30	1.25										
5032223	B04_09_B	B04_09_B	7025	IDLEWILD ST	Lead	Copper	PEX	Not Replaced	2019-08-02		No								2019-12-21	ND													
5039310	B07_05_A	B07_05_A	2578	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-02	2019-08-02	No								2019-08-03	9.6													
5006663	CEP	CEP	3362	AJAX ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-02	2019-08-02	No								2019-08-28	1.36													
5072258	B08_06_B	B08_06_B	101	W MCINTYRE AVE	Lead	Copper	PEX	Not Replaced	2019-08-02		No								2019-09-27	ND													
5033147	B04_09_B	B04_09_B	7157	IDLEWILD ST	Lead	Copper	PEX	Not Replaced	2019-08-02		No								2019-08-05	1.26													
5042658	B07_05_A	B07_05_A	6362	PHILLIPS AVE	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-08-06	ND													
5058422	B05_02_A	B05_02_A	352	GRACE ST	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-08-06	20		2020-02-06	ND										
5033165	B04_09_B	B04_09_B	7118	IDLEWILD ST	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-08-08	2.42													
5068491	CEP	CEP	9	WOESSNER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-05	2019-08-05	No								2019-08-08	14.3													
5033397	B04_09_B	B04_09_B	7231	IDLEWILD ST	Lead	Copper	PEX	Not Replaced	2019-08-05		No								2019-08-07	6.45													
5038993	B07_05_A	B07_05_A	2546	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-10-23	1.08													
5042659	B07_05_A	B07_05_A	6360	PHILLIPS AVE	Lead	Copper	PEX	Not Replaced	2019-08-05		No								2020-01-16	ND													
5038515	B07_05_A	B07_05_A	6347	WALDRON ST	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-08-07	ND													
5008403	CEP	CEP	3734	LIBERTY AVE	Copper	Lead	Not Replaced	Copper		2019-08-05	No								2019-08-07	6.76													
5058547	B05_02_A	B05_02_A	324	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-08-07	4.9													
5038539	B07_05_A	B07_05_A	6338	PHILLIPS AVE	Lead	Copper	PEX	Not Replaced	2019-08-05		No								2019-08-06	10.8													
5072589	B08_06_B	B08_06_B	217	W BURGESS ST	Lead	Copper	PEX	Not Replaced	2019-08-05		No								2019-08-08	1.86													
5072575	B08_06_B	B08_06_B	222	W BURGESS ST	Lead	Lead	PEX	Copper	2019-08-05	2019-08-05	No								2019-08-08	ND													
5071790	B08_06_B	B08_06_B	538	CHESTER AVE	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-08-08	5.92													
5058427	B05_02_A	B05_02_A	342	GRACE ST	Lead	Copper	PEX	Not Replaced	2019-08-06		No								2019-08-22	1.7													
5060152	Water Relay	CEP	219	FINGAL ST	Copper	Lead	Not Replaced	Copper		2019-08-06	No								2019-09-27	2.02													
5058576	B05_02_A	B05_02_A	315	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-08-12	ND													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5032712	B04_09_B	B04_09_B	7149	HERMITAGE ST	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-09-16	ND													
5038523	B07_05_A	B07_05_A	6327	WALDRON ST	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-08-14	4.18													
5038506	B07_05_A	B07_05_A	6324	WALDRON ST	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-08-07	8.48													
5071789	B08_06_B	B08_06_B	536	CHESTER AVE	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-08-07	1.68													
5072580	B08_06_B	B08_06_B	234	W BURGESS ST	Lead	Lead	PEX	Copper	2019-08-06	2019-08-06	No								2019-08-09	ND													
5058425	B05_02_A	B05_02_A	348	GRACE ST	Lead	PEX	PEX	Not Replaced	2019-08-06		No								2019-08-22	ND													
5058551	B05_02_A	B05_02_A	340	MAPLE TER	Lead	Copper	PEX	Not Replaced	2019-08-06		No								2019-09-27	ND													
5042738	B07_05_A	B07_05_A	2542	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-07	2019-08-07	No								2019-08-16	40.8													
5058631	B05_02_A	B05_02_A	110	NATCHEZ ST	Lead	Lead	PEX	Copper	2019-08-07	2019-08-07	No								2019-08-09	1.96													
5042741	B07_05_A	B07_05_A	2557	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-08-07		No								2019-08-08	3.77													
5058550	B05_02_A	B05_02_A	334	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-07	2019-08-07	No								2019-08-21	2.63													
5072689	B08_06_B	CEP	2212	FEDERAL STREET EXT	PEX	Lead	Not Replaced	Copper		2019-08-07	No								2019-08-08	41.7		2020-03-05	ND										
5071807	B08_06_B	B08_06_B	20	RUSSELL ST	Lead	Lead	PEX	Copper	2019-08-07	2019-08-07	No								2019-08-09	ND													
5038516	B07_05_A	B07_05_A	6345	WALDRON ST	Lead	Lead	PEX	Copper	2019-08-07	2019-08-07	No								2019-08-08	1.93													
5072536	B08_06_B	B08_06_B	311	W BURGESS ST	Lead	Copper	PEX	Not Replaced	2019-08-07		No								2019-08-09	1.02		2019-08-10	ND										
5058608	B05_02_A	B05_02_A	19	NATCHEZ ST	Lead	Copper	PEX	Not Replaced	2019-08-07		No								2019-08-13	ND													
5071305	B08_06_B	B08_06_B	2143	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-08-07	2019-08-07	No								2019-08-07	93.7		2019-08-23	18.2		2019-11-08	1.02							
5032798	B04_09_B	B04_09_B	7319	UPLAND ST	Lead	Copper	PEX	Not Replaced	2019-08-07		No								2019-08-14	19.1		2020-01-30	1.33										
5058483	B05_02_A	B05_02_A	313	GRACE ST	Lead	Lead	PEX	Not Replaced	2019-08-08		Yes								2019-11-18	5.85													
5071808	B08_06_B	B08_06_B	26	RUSSELL ST	Lead	Lead	PEX	Copper	2019-08-08	2019-08-08	No								2019-08-15	17.8													
5032991	B04_09_B	B04_09_B	7208	KEDRON ST	Lead	Lead	PEX	Copper	2019-08-08	2019-08-08	No								2019-08-09	1.17													
5058640	B05_02_A	B05_02_A	22	NATCHEZ ST	Lead	Lead	PEX	Copper	2019-08-08	2019-08-08	No								2019-08-09	18.3		2020-02-24	ND										
5042715	B07_05_A	B07_05_A	2464	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-08	2019-08-08	No								2019-08-14	ND		2020-01-06	ND										
5058410	B05_02_A	B05_02_A	418	GRACE ST	Lead	Lead	PEX	Copper	2019-08-08	2019-08-08	No								2019-08-10	1.15													
5058449	B05_02_A	B05_02_A	419	GRACE ST	Lead	Copper	PEX	Not Replaced	2019-08-08		No								2019-08-08	1.59													
5033380	B04_09_B	B04_09_B	7328	RACE ST	Lead	Copper	PEX	Not Replaced	2019-08-09		No								2019-10-02	1.15													
5038957	B07_05_A	B07_05_A	2300	TILBURY AVE	Lead	Copper	PEX	Not Replaced	2019-08-09		No								2019-08-10	4.55													
5042726	B07_05_A	B07_05_A	2508	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-09	2019-08-09	No								2019-08-10	3.18													
5060750	CEP	CEP	439	EDITH ST	Copper	Lead	Not Replaced	Copper		2019-08-09	No								2019-08-10	1.36													
5072618	B08_06_B	B08_06_B	202	CHESTER AVE	Lead	Lead	PEX	Copper	2019-08-09	2019-08-09	No								2019-08-10	2.88													
5053297	Urgent Water	Urgent LSLR	118	S 16TH ST	Lead	Lead	PEX	Copper	2019-08-10	2019-08-13	No	Yes	Emergency						2019-08-14	4.01													
5038502	B07_05_A	B07_05_A	6312	WALDRON ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-13	4.44													
5072515	B08_06_B	B08_06_B	2230	HOLYOKE ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-13	2.8													
5058259	B05_02_A	B05_02_A	228	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-13	ND													
5058639	B05_02_A	B05_02_A	122	NATCHEZ ST	Lead	Lead	PEX	Not Replaced	2019-08-12		Yes								2019-08-13	109		2019-08-29	10.7										
5038476	B07_05_A	B07_05_A	2268	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-13	23.1		2020-01-28	1.86										
5058638	B05_02_A	B05_02_A	120	NATCHEZ ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-13	1.74													
5042727	B07_05_A	B07_05_A	2510	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-14	2.77													
5033034	B04_09_B	B04_09_B	7150	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-26	1.22													
5038477	B07_05_A	B07_05_A	2272	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-14	3.74													
5058585	B05_02_A	B05_02_A	347	MAPLE TER	Lead	Lead	PEX	Not Replaced	2019-08-12		Yes								2019-08-14	50.4		2019-11-12	41		2020-02-09	3.53							
5072553	B08_06_B	B08_06_B	319	ELSDON ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-16	1.15													
5072557	B08_06_B	B08_06_B	318	ELSDON ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-10-08	18.6													
5028077	CEP	CEP	1311	HEBERTON ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-14	No	Yes							2019-08-20	1.04													
5013978	CEP	CEP	4772	SCIOTA ST	Lead	Lead	PEX	Copper	2019-08-12	2019-08-12	No								2019-08-14	25.4		2020-01-30	1.76										
5073071	CEP	CEP	2104	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-14	15.3													
5038499	B07_05_A	B07_05_A	2265	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-13	8.23													
5033396	B04_09_B	B04_09_B	7233	IDLEWILD ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-14	19		2020-01-28	ND										
5058298	B05_02_A	B05_02_A	126	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-15	1.04													
5058641	B05_02_A	B05_02_A	24	NATCHEZ ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-14	14													
5033073	B04_09_B	B04_09_B	7113	RACE ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-19	19.3		2019-11-17	ND										
5016421	CEP	CEP	248	FISK ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-14	6.18													
5058596	B05_02_A	B05_02_A	26	NATCHEZ ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-15	1.06													
5072502	B08_06_B	B08_06_B	527	W BURGESS ST	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-14	1.54													
5038970	B07_05_A	B07_05_A	2301-2303	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-13	2019-08-13	No								2019-08-14	3.39		2019-08-15	98.8		2019-09-14	ND							
5042740	B07_05_A	B07_05_A	2563	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-14	2019-08-14	No								2019-08-16	1.53													
5033527	B04_09_B	B04_09_B	7401	IDLEWILD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-14	2019-08-14	No								2020-04-23	ND													
5058332	B05_02_A	B05_02_A	121-122	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-14	2019-08-14	No								2019-08-14	2.77		2019-08-23	2.8										
5072561	B08_06_B	B08_06_B	304	ELSDON ST	Lead	Lead	PEX	Copper	2019-08-14	2019-08-14	No								2019-09-16	1.93													
5033387	B04_09_B	B04_09_B	7315	IDLEWILD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-14	2019-08-14	No								2019-08-15	ND													
5071183	B08_06_B	B08_06_B	525	CHAUTAUQUA ST	Lead	Lead	PEX	Copper	2019-08-14	2019-08-14	No								2019-08-15	3.15													
5072554	B08_06_B	B08_06_B	321	ELSDON ST	Lead	Copper	PEX	Not Replaced	2019-08-14		No								2019-08-15	ND													
5072476	B08_06_B	B08_06_B	7	RUSSELL ST	Lead	Lead	PEX	Copper	2019-08-14	2019-08-14	No								2019-08-14	51													
5008766	Herron Ave Relay	Herron Ave Relay	1034	HERRON AVE	Copper	Lead	PEX	Copper	2019-08-14	2019-08-14	No								2019-08-15	5.57													
5038975	B07_05_A	B07_05_A	2315	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-14	2019-08-15	No	Yes							2019-08-16	ND													
5058264	B05_02_A	B05_02_A	206	MAPLE TER	Lead	Copper	PEX	Not Replaced	2019-08-14		No								2019-08-14	7.82													
5038984	B07_05_A	B07_05_A	6427	NICHOLSON ST	Lead	Lead	PEX	Copper	2019-08-15	2019-08-15	No								2020-01-07	ND													
5038976	B07_05_A	B07_05_A	2317	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-15	2019-08-15	No								2019-08-16	2.8													
5071324	B08_06_B	B08_06_B	35	DIVINITY ST	Copper	Lead	Not Replaced	Copper		2019-08-15	No								2019-10-06	ND													
5058325	B05_02_A	B05_02_A	111	MAPLE TER	Lead	Lead	PEX	Copper	2019-08-15	2019-08-15	No								2020-05-19	2.03													
5063885	CEP	CEP	224	RADCLIFFE ST	Copper	Lead	Not Replaced	Copper		2019-08-15	No								2019-08-19	1.66													
5012681	Urgent Water	Urgent Water	423	ELLA ST	Copper	Lead	PEX	Copper	2019-08-15	2019-08-15	No		Emergency						2019-09-06	170		2020-01-31	20.8		2020-04-03	4.81							
5072498	B08_06_B	B08_06_B	418	CHAUTAUQUA ST	Lead	Copper	PEX	Not Replaced	2019-08-16		No								2019-08-17	5.92													
5072497	B08_06_B	B08_06_B	416	CHAUTAUQUA ST	Lead	Lead	PEX	Copper	2019-08-16	2019-08-16	No								2019-08-19	1.6													
5039305	B07_05_A	B07_05_A	6433	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-16	2019-08-16	No								2019-08-17	4.39													
5045845	CEP	CEP	14	AUGUSTINE ST	Lead	Lead	PEX	Copper	2019-08-16	2019-08-16	No								2019-08-22	3.67													
5030763	B04_09_A	CEP	6931	KELLY ST	Copper	Lead	Not Replaced	Copper		2019-08-16	No								2019-08-17	2.48													
5038495	B07_05_A	B07_05_A	2277	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-19	2019-08-19	No								2019-09-09	ND													
5039308	B07_05_A	B07_05_A	6443	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-19	2019-08-19	No								2019-10-30	1.59		2019-11-07	1.46										
5071290	B08_06_B	B08_06_B	1965	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-08-19		No								2019-08-20	ND													
5061230	B05_02_A	B05_02_A	535	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-08-19		No								2019-08-20	2.38													
5032325	B04_09_B	B04_09_B	7045	KELLY ST	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-10-09	3.92													
5020734	Ops	Urgent LSLR	5565	CAMELIA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-20	2019-08-27	No	Yes	Emergency						2019-08-29	1.09													
5038974	B07_05_A	B07_05_A	2313	TILBURY AVE	Lead	Copper	PEX	Not Replaced	2019-08-20		No								2019-08-21	ND													
5058278	B05_02_A	B05_02_A	231	W SYCAMORE ST	Lead	Copper	PEX	Not Replaced	2019-08-20		No								2019-08-22	ND													
5039306	B07_05_A	B07_05_A	6437	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-09-14	4.09													
5061164	B05_02_A	B05_02_A	258	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-08-30	ND													
5038986	B07_05_A	B07_05_A	6435	NICHOLSON ST	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-08-21	3.79													
5038985	B07_05_A	B07_05_A	6433	NICHOLSON ST	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-08-21	1.45													
5071262	B08_06_B	B08_06_B	232	LANGLEY AVE	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-08-20	1.27													
5033721	B04_09_B	B04_09_B	7235	FORMOSA WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-20	2019-08-20	No								2019-08-20	6.82													
5033722	B04_09_B	B04_09_B	7237	FORMOSA WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-20	2019-08-20	No								2019-08-20	ND													
5071289	B08_06_B	B08_06_B	1961	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-08-20		No								2019-09-16	ND													
5052299	CEP	CEP	2300	ECCLES ST	Lead	Lead	PEX	Copper	2019-08-20	2019-08-20	No								2019-08-21	ND													
5071295	B08_06_B	B08_06_B	528	MCCLINTOCK AVE	Lead	Lead	PEX	Copper	2019-08-20	2019-08-21	No	Yes							2019-08-22	1.31													
5034807	Ops		232	GLADSTONE RD	Lead	PEX	PEX	Not Replaced	2019-08-20		No		Emergency						2019-08-26	1.31													
5061231	B05_02_A	B05_02_A	533	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-08-20		No								2019-08-21	1.1													
5051332	Ops		2712	SARAH ST	Lead	Copper	PEX	Not Replaced	2019-08-21		No		Emergency						2019-08-24	42.1		2020-03-16	ND										
5039299	B07_05_A	B07_05_A	6404-6406	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2019-08-21	3.81		2019-09-30	ND										
5032320	B04_09_B	B04_09_B	7035	KELLY ST REAR	Lead	Copper	PEX	Not Replaced	2019-08-21		No								2019-08-23	ND													
5071263	B08_06_B	B08_06_B	236	LANGLEY AVE	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2019-08-23	ND													
5038981	B07_05_A	B07_05_A	6417	NICHOLSON ST	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2019-08-21	1.21													
5033887	B04_09_B	B04_09_B	7366	HAMILTON AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-21	2019-08-21	No								2019-08-22	ND													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5061369	B05_02_A	B05_02_A	245	PAUL ST	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2020-01-16	8.96													
5033278	B04_09_B	B04_09_B	7309	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2019-10-06	1.29													
5039000	B07_05_A	B07_05_A	2329	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2019-08-24	ND													
5042719	B07_05_A	B07_05_A	6445	NICHOLSON ST	Lead	Lead	PEX	Copper	2019-08-21	2019-08-21	No								2019-10-27	ND													
5059408	B05_02_A	B05_02_A	142	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-08-21	2019-08-22	No	Yes							2019-09-18	ND													
5039001	B07_05_A	B07_05_A	2331	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-08-24	35.3		2020-02-03	1.07											
5038829	B07_05_A	B07_05_A	6320	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2020-01-01	ND													
5039006	B07_05_A	B07_05_A	2345-2347	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-08-26	ND													
5059407	B05_02_A	B05_02_A	144	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-08-24	23.8													
5008759	Herron Ave Relay	Herron Ave Relay	1018	HERRON AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-08-23	ND													
5034140	B04_09_B	B04_09_B	7518	TIOGA ST	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-10-07	7.52													
5071240	B08_06_B	B08_06_B	2015	DRUM ST	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-08-23	3.96													
5047701	CEP	CEP	138	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-12-09	2													
5059442	B05_02_A	B05_02_A	141	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-08-22		No								2019-08-25	1.23													
5061378	B05_02_A	B05_02_A	225	PAUL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-22	2019-08-22	No								2019-08-23	10.7													
5061368	B05_02_A	B05_02_A	249	PAUL ST	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-11-06	1.22													
5039002	B07_05_A	B07_05_A	2333	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-22	2019-08-22	No								2019-08-23	164		2022-12-09	ND											
5039023	B07_05_A	B07_05_A	6338	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-23	2019-08-23	No								2019-09-18	1.3													
5008761	Herron Ave Relay	Herron Ave Relay	1022	HERRON AVE	Lead	Lead	PEX	Copper	2019-08-23	2019-08-23	No								2019-08-24	7													
5071260	B08_06_B	B08_06_B	228	LANGLEY AVE	Lead	Lead	PEX	Copper	2019-08-23	2019-08-23	No								2019-12-02	ND													
5033886	B04_09_B	B04_09_B	7364	HAMILTON AVE	Lead	Lead	PEX	Copper	2019-08-23	2019-08-23	No								2019-09-29	ND													
5061376	B05_02_A	B05_02_A	229	PAUL ST	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-28	ND													
5059403	B05_02_A	B05_02_A	154	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-27	ND													
5042729	B07_05_A	B07_05_A	2514	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-29	1.31		2019-09-04	2.36											
5033839	B04_09_B	B04_09_B	563	RICHLAND LN	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-27	9.14													
5008757	Herron Ave Relay	Herron Ave Relay	1014	HERRON AVE	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-26	18													
5071264	B08_06_B	B08_06_B	238	LANGLEY AVE	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-10-15	1.3													
5069990	B08_06_B	B08_06_B	533	MCCLINTOCK AVE	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-30	ND													
5038971	B07_05_A	B07_05_A	2305	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-27	18.3		2020-03-28	1.94											
5059086	B05_02_A	B05_02_A	125	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-08-26	2019-08-26	No								2019-08-27	2.42													
5025253	Ops	Urgent LSLR	1142	PORTLAND ST	Lead	Lead	PEX	Copper	2019-08-27	2019-08-31	No	Yes	Emergency						2019-11-24	ND													
5069824	B08_06_B	B08_06_B	35	OVERLOOK ST	Lead	Copper	PEX	Not Replaced	2019-08-27		No								2019-09-04	26.7													
5061360	B05_02_A	B05_02_A	240	PAUL ST	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-09-16	3.73													
5070011	B08_06_B	B08_06_B	543	NORMAN ST	Lead	Copper	PEX	Not Replaced	2019-08-27		No								2019-08-28	ND													
5034057	B04_09_B	B04_09_B	7336	KELLY ST	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-08-27	23.2													
5033888	B04_09_B	B04_09_B	7368	HAMILTON AVE	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-08-29	ND													
5039021	B07_05_A	B07_05_A	6344	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-10-20	3.78													
5071216	B08_06_B	B08_06_B	2130	HOLYOKE ST	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-09-05	87.7													
5061460	B05_02_A	B05_02_A	286	PAUL ST	Lead	Copper	PEX	Not Replaced	2019-08-27		No								2019-08-29	11.8													
5038999	B07_05_A	B07_05_A	2323	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-08-28	ND													
5032877	B04_09_B	B04_09_B	7209	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2019-08-27	2019-08-27	No								2019-08-28	3.93													
5017578	CEP	CEP	4072	HOWLEY ST	Copper	Lead	Not Replaced	Copper		2019-08-28	No								2019-09-02	1.81													
5039010	B07_05_A	B07_05_A	2359	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-09-17	ND													
5061453	B05_02_A	B05_02_A	43	PAUL ST	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-08-31	4.62													
5038832	B07_05_A	B07_05_A	6314	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-08-29	3.94													
5059437	B05_02_A	B05_02_A	155	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-08-30	3.54													
5072285	B08_06_B	B08_06_B	104	W BURGESS ST	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-09-28	4.85													
5045848	CEP	CEP	4116	BRISTOL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-28	2019-08-28	No								2019-09-04	1.88													
5072332	B08_06_B	B08_06_B	2403	OSGOOD ST	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-08-29	32.1													
5069982	B08_06_B	B08_06_B	7	OVERLOOK ST	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-08-29	25.8		2020-02-10	ND											
5038996	B07_05_A	B07_05_A	6420-6422	NICHOLSON ST	Lead	Copper	PEX	Not Replaced	2019-08-28		No								2019-08-29	1.18													
5038831	B07_05_A	B07_05_A	6316	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-08-29	1.48													
5007297	CEP	CEP	706	ANAHEIM ST	Lead	Lead	PEX	Copper	2019-08-28	2019-08-28	No								2019-10-17	12.2													
5061366	B05_02_A	B05_02_A	260	PAUL ST	Lead	Copper	PEX	Not Replaced	2019-08-28		No								2019-09-21	ND													
5033151	B04_09_B	B04_09_B	7210	IDLEWILD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-29	2019-08-29	No								2019-09-01	2.1													
5038830	B07_05_A	B07_05_A	6318	FORWARD AVE	Lead	Lead	PEX	Copper	2019-08-29	2019-08-29	No								2020-08-19	10.2													
5039232	B07_05_A	B07_05_A	6355	ALDERSON ST	Lead	Lead	PEX	Copper	2019-08-29	2019-08-29	No								2019-08-31	4.68													
5070018	B08_06_B	B08_06_B	1927	BUENA VISTA ST	Lead	Lead	PEX	Copper	2019-08-29	2019-08-29	No								2019-08-30	4.16													
5039304	B07_05_A	B07_05_A	6425	FORWARD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-29	2019-08-29	No								2021-02-24	ND													
5059627	B05_02_A	B05_02_A	240	SMITH WAY	Lead	Lead	PEX	Copper	2019-08-29	2019-08-29	No								2019-09-02	6.28													
5039235	B07_05_A	B07_05_A	6349	ALDERSON ST	Lead	Lead	PEX	Copper	2019-08-29	2019-08-29	No								2019-09-09	4.44													
5122391	CEP	CEP	227	SAMPLE STREET	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-08-29	2019-08-29	No								2019-10-25	ND													
5039040	B07_05_A	B07_05_A	2322	TILBURY AVE	Lead	Lead	PEX	Copper	2019-08-29	2019-08-29	No								2019-08-30	2.99													
5057717	CEP	CEP	139	HABERMAN AVE	Lead	Lead	PEX	Copper	2019-08-30	2019-08-30	No								2019-08-31	22		2020-02-11	ND											
5023582	B01_07	CEP	1844	JANCEY ST	Copper	Lead	Not Replaced	Copper		2019-09-03	No								2019-09-04	234		2019-09-10	3.67											
5061227	B05_02_A	B05_02_A	519	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-09-03		No								2019-09-16	1.31													
5061232	B05_02_A	B05_02_A	531	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-09-03		No								2019-09-10	1.03													
5072510	B08_06_B	B08_06_B	2219	HOLYOKE ST	Lead	Lead	PEX	Copper	2019-09-03	2019-09-03	No								2019-09-06	2.44													
5122669	CEP	CEP	918	HANSEN STREET	Lead	Lead	PEX	Copper	2019-09-03	2019-09-03	No								2019-09-04	3.67													
5039238	B07_05_A	B07_05_A	6354	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-03	2019-09-03	No								2019-09-04	9.98													
5033041	B04_09_B	B04_09_B	7134	MONTICELLO ST	Lead	Lead	PEX	Copper	2019-09-03	2019-09-03	No								2019-09-04	14.9		2020-02-10	ND											
5039031	B07_05_A	B07_05_A	2346	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-03	2019-09-03	No								2019-09-04	30.4		2020-02-23	ND											
5061224	B05_02_A	B05_02_A	281	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-09-03		No								2019-09-04	1.14													
5061234	B05_02_A	B05_02_A	255	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-09-03		No								2019-09-05	25.5													
5039332	B07_05_A	B07_05_A	4021	LUDWICK ST	Lead	Lead	PEX	Copper	2019-09-03	2019-09-03	No								2019-09-06	24.6													
5058424	B05_02_A	B05_02_A	350	GRACE ST	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-09-06	1.64													
5039032	B07_05_A	B07_05_A	2344	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-09-05	ND													
5039330	B07_05_A	B07_05_A	4015	LUDWICK ST	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-09-05	14.3													
5039177	B07_05_A	B07_05_A	6309	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-09-05	1.34													
5039009	B07_05_A	B07_05_A	2357	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-10-08	3.67													
5030604	B04_09_A	B04_09_A	6723	FRANKSTOWN AVE	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-09-30	3.26													
5070019	B08_06_B	B08_06_B	610	ROLLA ST	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-10-13	ND													
5039215	B07_05_A	B07_05_A	6337	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-04	2019-09-04	No								2019-10-22	4.4													
5038828	B07_05_A	B07_05_A	6322	FORWARD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-05	2019-09-05	No								2019-09-06	2.92													
5058970	B05_02_A	B05_02_A	132	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-09-05	2019-09-05	No								2019-09-05	1.26													
5059057	B05_02_A	B05_02_A	46	GREENBUSH ST	Lead	Lead	PEX	Copper	2019-09-05	2019-09-05	No								2019-11-01	ND													
5038826	B07_05_A	B07_05_A	6326	FORWARD AVE	Lead	Lead	PEX	Copper	2019-09-05	2019-09-05	No								2019-09-06	6.83													
5039033	B07_05_A	B07_05_A	2336	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-05	2019-09-05	No								2019-11-17	12													
5069927	B08_06_B	B08_06_B	1604	BRIGHTON PL	Lead	Lead	PEX	Copper	2019-09-05	2019-09-05	No								2019-09-05	ND													
5039242	B07_05_A	B07_05_A	6366	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-05	2019-09-05	No								2019-09-22	ND													
5030606	B04_09_A	B04_09_A	808	WASHINGTON BLVD	Lead	Lead	PEX	Copper	2019-09-05	2019-09-06	No	Yes							2019-09-11	1.79													
5039341	B07_05_A	B07_05_A	4028	LUDWICK ST	Lead	Copper	PEX	Not Replaced	2019-09-05		No								2019-09-06	1.83													
5033216	B04_09_B	B04_09_B	1302	STERRETT ST	Lead	Lead	PEX	Copper	2019-09-06	2019-09-06	No								2019-09-24	ND													
5061361	B05_02_A	B05_02_A	244	PAUL ST	Lead	Lead	PEX	Copper	2019-09-06	2019-09-06	No								2019-09-09	1.74													
5059628	B05_02_A	B05_02_A	242	SMITH WAY	Lead	Lead	PEX	Copper	2019-09-06	2019-09-06	No								2019-09-07	2.49													
5039237	B07_05_A	B07_05_A	6352	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-06	2019-09-06	No								2019-09-09	16		2020-02-21	ND											
5059054	B05_02_A	B05_02_A	36	GREENBUSH ST	Lead	Copper	PEX	Not Replaced	2019-09-06		No								2019-09-07	4.24													
5069913	B08_06_B	B08_06_B	1740	BRIGHTON PL	Lead	Copper	PEX	Not Replaced	2019-09-06		No								2019-09-07	1.07													
5055748	B06_03_A	CEP	713	MCLAIN ST	Copper	Lead	Not Replaced	Copper		2019-09-07	No								2019-10-04	3.61													
5061105	B05_02_A	B05_02_A	608	CHESS ST	Lead	Lead	PEX	Copper	2019-09-09	2019-09-09	No								2019-09-10	1.33													
5039182	B07_05_A	B07_05_A	6327	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-09	2019-09-09	No								2019-09-10	5.83		2019-09-11	3.59											
5070530	B08_06_B	B08_06_B	1704	BRIGHTON RD	Lead	Lead	PEX	Copper	2019-09-09	2019-09-09	No								2019-09-10	38.3		2020-02-10	ND											
5039195	B07_05_A	B07_05_A	6346	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-09	2019-09-09	No								2019-09-11	17.7													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5039342	B07_05_A	B07_05_A	4024	LUDWICK ST	Lead	Lead	PEX	Copper	2019-09-09	2019-09-09	No								2019-09-12	31.6		2020-01-31	ND										
5059115	B05_02_A	B05_02_A	23	GREENBUSH ST	Lead	Lead	PEX	Copper	2019-09-09	2019-09-09	No								2019-11-25	1.39												
5051437	Ops	Urgent LSLR	2820	MARY ST	Lead	Lead	PEX	Copper	2019-09-10	2019-09-17	No	Yes	Emergency						2019-10-01	ND		2019-10-06	ND									
5038943	B07_05_A	B07_05_A	2308	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-11	3.02												
5013419	CEP	CEP	251	EDMOND ST	Copper	Lead	Not Replaced	Copper		2019-09-10	No								2019-10-28	1.5												
5059112	B05_02_A	B05_02_A	32	GREENBUSH ST	Lead	Copper	PEX	Not Replaced	2019-09-10		No								2019-09-11	17												
5039212	B07_05_A	B07_05_A	6331	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-12	11												
5039336	B07_05_A	B07_05_A	4037	LUDWICK ST	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-17	6.57												
5039192	B07_05_A	B07_05_A	6363	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-11	1.07												
5070528	B08_06_B	B08_06_B	1708	BRIGHTON RD	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-11	47.2		2020-02-10	ND									
5039251	B07_05_A	B07_05_A	6387	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-12	11.9		2020-01-27	ND									
5000528	CEP	CEP	118	MILTENBERGER ST	Lead	Lead	PEX	Copper	2019-09-10	2019-09-10	No								2019-09-12	6.07												
5061125	B05_02_A	B05_02_A	619	CHESS ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-11	2019-09-11	No								2019-09-13	6.75												
5039191	B07_05_A	B07_05_A	6359	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-11	2019-09-11	No								2019-09-14	2.44												
5069777	B08_06_B	B08_06_B	1923	N CHARLES ST	Lead	Copper	PEX	Not Replaced	2019-09-11		No								2019-09-16	1.66												
5039252	B07_05_A	B07_05_A	6383	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-11	2019-09-11	No								2019-09-11	16.6												
5065361	B08_06_B	B08_06_B	1211	ISLAND AVE	Lead	Lead	PEX	Copper	2019-09-11	2019-09-11	No								2019-09-12	12.8		2020-02-06	ND									
5061411	B05_02_A	B05_02_A	219	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-11	2019-09-11	No								2019-09-16	3.34												
5059072	B05_02_A	B05_02_A	80	GREENBUSH ST REAR	Lead	Lead	PEX	Copper	2019-09-11	2019-09-11	No								2019-09-24	8.1												
5025885	CEP	CEP	5617	WELLESLEY AVE	Copper	Lead	Not Replaced	Copper		2019-09-11	No								2019-09-17	ND												
5039325	B07_05_A	B07_05_A	6210	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-13	29.6												
5058836	CEP	CEP	454	NATCHEZ ST	Copper	Lead	Not Replaced	Copper		2019-09-12	No								2019-09-17	4.45												
5038937	B07_05_A	B07_05_A	2328	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-19	3.92												
5039226	B07_05_A	B07_05_A	6377-6379	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-13	5.96												
5039035	B07_05_A	B07_05_A	2332	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-13	6.21												
5072126	B08_06_B	B08_06_B	2644	N CHARLES ST	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-12	4.47												
5070521	B08_06_B	B08_06_B	1724	BRIGHTON RD	Lead	Copper	PEX	Not Replaced	2019-09-12		No								2019-09-13	1.28												
5061399	B05_02_A	B05_02_A	249	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-11-20	3.24												
5039333	B07_05_A	B07_05_A	4025	LUDWICK ST	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-29	5.27												
5039249	B07_05_A	B07_05_A	6399	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-12	2019-09-13	No	Yes							2019-09-15	5.06												
5008753	Herron Ave Relay	Herron Ave Relay	958	HERRON AVE	Copper	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-14	1.05		2019-09-15	ND									
5065353	B08_06_B	B08_06_B	1125	ISLAND AVE	Lead	Lead	PEX	Copper	2019-09-12	2019-09-12	No								2019-09-14	1.2												
5061112	B05_02_A	B05_02_A	622	CHESS ST	Lead	PEX	PEX	Not Replaced	2019-09-12		No								2019-11-05	ND												
5061392	B05_02_A	B05_02_A	232	ALBERT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-13	2019-09-13	No								2019-09-17	2.5												
5039209	B07_05_A	B07_05_A	6319	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-13	2019-09-13	No								2019-11-05	3.62												
5039297	B07_05_A	B07_05_A	2609	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-13	2019-09-13	No								2019-09-13	1.13												
5061407	B05_02_A	B05_02_A	28	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-13	2019-09-13	No								2019-09-16	ND												
5039296	B07_05_A	B07_05_A	2611	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-13	2019-09-13	No								2019-09-15	ND												
5022457	Ops	Urgent LSLR	5333	CARNEGIE ST	Lead	Lead	PEX	Copper	2019-09-16	2019-10-21	No	Yes	Emergency						2019-10-24	ND												
5061406	B05_02_A	B05_02_A	231	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-19	3.24												
5039190	B07_05_A	B07_05_A	6357	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-20	2.09												
5038443	B07_05_A	B07_05_A	2282	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-16	2.57												
5039240	B07_05_A	B07_05_A	6360	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-12-01	27												
5039179	B07_05_A	B07_05_A	6319	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-18	5.31												
5059118	B05_02_A	B05_02_A	15	GREENBUSH ST	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-17	1.53												
5080246	CEP	CEP	3967	MCCLURE AVE	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-17	17.3		2020-02-12	3.56									
5039293	B07_05_A	B07_05_A	2619	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-17	4.91												
5061402	B05_02_A	B05_02_A	243	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-16	2019-09-16	No								2019-09-20	1.45												
5039294	B07_05_A	B07_05_A	2617	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-17	2019-09-17	No								2019-09-20	ND												
5039253	B07_05_A	B07_05_A	6373	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-17	2019-09-17	No								2019-09-23	2.72												
5054136	Fox Way Water Relay	Fox Way Water Relay	1908	FOX WAY	Lead	Lead	PEX	Copper	2019-09-17	2019-09-17	No				2018-09-10	2018-10-12	8		2019-11-23	1.24												
5039292	B07_05_A	B07_05_A	2621	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-17	2019-09-17	No								2019-09-24	ND												
5038441	B07_05_A	B07_05_A	2276	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-17	2019-09-17	No								2019-09-18	2.18												
5065357	B08_06_B	B08_06_B	1203	ISLAND AVE	Lead	Lead	PEX	Copper	2019-09-17	2019-09-17	No								2019-11-09	1.98												
5061387	B05_02_A	B05_02_A	218	ALBERT ST	Lead	Copper	PEX	Not Replaced	2019-09-17		No								2019-09-19	ND												
5041048	CEP	CEP	525	GETTYSBURG ST	Lead	Lead	PEX	Copper	2019-09-17	2019-09-23	No	Yes							2019-11-10	1.12												
5039520	B07_05_A	B07_05_A	6244	MONITOR ST	Lead	Copper	PEX	Not Replaced	2019-09-18		No								2019-09-19	1.84												
5039283	B07_05_A	B07_05_A	2760	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No								2019-09-19	ND												
5039210	B07_05_A	B07_05_A	6321	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No								2019-09-19	5.38												
5039519	B07_05_A	B07_05_A	6240	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No								2019-09-26	6.79												
5054124	Fox Way Water Relay	Fox Way Water Relay	1907	FOX WAY	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No				2018-09-15	2018-10-12	5		2019-09-19	1.35												
5039186	B07_05_A	B07_05_A	6343	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-18	2019-09-20	No	Yes							2019-11-05	6.38												
5004439	CEP	CEP	509	CATO ST	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No								2019-09-19	9.95												
5059082	B05_02_A	B05_02_A	329	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No								2019-09-18	13		2020-04-16	ND									
5069886	B08_06_B	B08_06_B	824	CALIFORNIA AVE	Lead	Lead	PEX	Copper	2019-09-18	2019-09-18	No								2019-09-20	1.9												
5029779	Ops	Urgent LSLR	6515	SHETLAND AVE	Lead	Lead	PEX	Copper	2019-09-19	2019-09-25	No	Yes	Emergency						2019-10-01	ND												
5059076	B05_02_A	B05_02_A	97	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-20	2.81												
5061395	B05_02_A	B05_02_A	242	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-20	21.1		2020-02-01	ND									
5064358	B08_06_B	B08_06_B	1239	SUCCESS ST	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-24	1.07												
5038436	B07_05_A	B07_05_A	2260	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-20	2.78												
5069866	B08_06_B	B08_06_B	855	KIRKBRIDE ST	Lead	Copper	PEX	Not Replaced	2019-09-19		No								2019-10-01	3.42												
5039255	B07_05_A	B07_05_A	6367	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-24	1.86												
5064359	B08_06_B	B08_06_B	1237	SUCCESS ST	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-23	ND												
5039284	B07_05_A	B07_05_A	2709	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-20	ND												
5061398	B05_02_A	B05_02_A	48	ALBERT ST	Lead	Copper	PEX	Not Replaced	2019-09-19		No								2019-09-20	ND		2019-09-21	9.06									
5061282	B05_02_A	B05_02_A	535	GRIFFIN ST	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-20	5.55												
5058977	B05_02_A	B05_02_A	106	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-09-19		No								2019-09-24	2.82												
5058958	A12_02_A	CEP	36	NORTON ST	Copper	Lead	Not Replaced	Copper		2019-09-19	No				2018-06-12	2018-08-01	44		2019-09-20	2.87												
5039285	B07_05_A	B07_05_A	2713-2715	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-19	2019-09-19	No								2019-09-20	2.86												
5039290	B07_05_A	B07_05_A	2625	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-20	2019-09-20	No								2019-10-06	5.18												
5038941	B07_05_A	B07_05_A	2316	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-20	2019-09-20	No								2019-10-29	1.62												
5069867	B08_06_B	B08_06_B	847	KIRKBRIDE ST	Lead	Lead	PEX	Copper	2019-09-20	2019-09-20	No								2019-09-21	ND												
5042913	B07_05_A	B07_05_A	2737	MOUNT ROYAL RD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-20	2019-09-20	No								2019-09-22	4.55												
5017491	CEP	CEP	4012	MINTWOOD ST	Lead	Lead	PEX	Copper	2019-09-20	2019-09-20	No								2019-11-12	1.1												
5025126	CEP	CEP	1037	KING AVE	Lead	Lead	PEX	Copper	2019-09-20	2019-09-20	No								2019-09-21	11.2		2020-02-12	ND									
5069856	B08_06_B	B08_06_B	929	KIRKBRIDE ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-28	4.81												
5038947	B07_05_A	B07_05_A	2311	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-24	4.69												
5061249	B05_02_A	B05_02_A	524	GRIFFIN ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-11-21	3												
5039247	B07_05_A	B07_05_A	2708	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-12-19	ND												
5009307	CEP	CEP	3502	PENN AVE	Lead	Lead	PEX	Copper	2019-10-03	2019-09-23	No	Yes							2019-10-04	1.37												
5039512	B07_05_A	B07_05_A	6237	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-25	13.3		2020-01-27	5.59									
5061437	B05_02_A	B05_02_A	57	ALBERT ST	Lead	Copper	PEX	Not Replaced	2019-09-23		No								2019-09-26	8.33												
5065340	B08_06_B	B08_06_B	1210	COLFAX ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-27	3.61												
5039257	B07_05_A	B07_05_A	6380	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-25	10.3		2020-01-26	5.92									
5064661	B08_06_B	B08_06_B	1904	ST IVES ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-23	4.45												
5064372	B08_06_B	B08_06_B	1206	MARVISTA ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-25	5.69												
5061138	B05_02_A	B05_02_A	18	SIMMS ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-25	1.81												
5031650	CEP	CEP	606	RUGBY ST	Lead	Lead	PEX	Copper	2019-09-23	2019-09-23	No								2019-09-25	8.26												
5039245	B07_05_A	B07_05_A	2702	TILBURY AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-24	2019-09-24	No								2019-09-26	2.92												
5070003	B08_06_B	B08_06_B	553	NORMAN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-24	2019-09-24	No								2019-09-25	7.11												
5065342	B08_06_B	B08_06_B	1214	COLFAX ST	Lead	Copper	PEX	Not Replaced	2019-09-24		No								2019-09-26	3.73												
5070002	B08_06_B	B08_06_B	555	NORMAN ST	Lead	Copper	PEX	Not Replaced	2019-09-24		No								2019-09-26	ND												
5061182	B05_02_A	B05_02_A	405	SIMMS ST	Lead	Lead	PEX	Copper	2019-09-24	2019-09-24	No								2019-09-27	ND												

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5059077	B05_02_A	B05_02_A	99	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-09-24	2019-09-24	No								2019-10-28	ND													
5061513	B05_02_A	B05_02_A	348	ALBERT ST	Lead	Lead	PEX	Copper	2019-09-24	2019-09-24	No								2019-09-25	ND													
5064371	B08_06_B	B08_06_B	1128	MARVISTA ST	Lead	Lead	PEX	Copper	2019-09-24	2019-09-24	No								2019-09-26	2.3													
5039205	B07_05_A	B07_05_A	6304	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-24	2019-09-24	No								2019-09-28	11.8		2020-01-29	ND											
5039446	B07_05_A	B07_05_A	6310	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-25	2019-09-25	No								2019-10-05	20.9		2020-02-03	ND											
5039286	B07_05_A	B07_05_A	2701	TILBURY AVE	Lead	Lead	PEX	Copper	2019-09-25	2019-09-25	No								2019-09-27	ND													
5039254	B07_05_A	B07_05_A	6369	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-25	2019-09-25	No								2019-11-14	7.25													
5039447	B07_05_A	B07_05_A	6312	MONITOR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-25	2019-09-25	No								2019-09-27	1.09													
5039448	B07_05_A	B07_05_A	6314	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-09-29	4.59													
5039207	B07_05_A	B07_05_A	6300	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-10-01	7.35													
5039178	B07_05_A	B07_05_A	6313	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-10-16	8.78													
5038471	B07_05_A	B07_05_A	2267	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-09-28	ND													
5039176	B07_05_A	B07_05_A	6305	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-09-27	1.83													
5064366	B08_06_B	B08_06_B	1223	SUCCESS ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-09-27	9.72													
5059429	B05_02_A	B05_02_A	8	DEWITT STREET	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-11-11	1.7													
5059081	B05_02_A	B05_02_A	327	SOUTHERN AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-09-26	2019-09-26	No								2019-09-29	2.63													
5039196	B07_05_A	B07_05_A	6344	ALDERSON ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	No								2019-11-12	1.04													
5058957	A12_02_A	CEP_02	38	NORTON ST	Copper	Lead	Not Replaced	Copper		2019-09-27	No								2019-09-28	1.21													
5039502	B07_05_A	B07_05_A	6309	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-27	2019-09-27	No								2019-09-30	2.45													
5038440	B07_05_A	B07_05_A	2270	SHADY AVE	Lead	Lead	PEX	Copper	2019-09-27	2019-09-27	No								2019-09-27	3.12													
5050183	B07_05_B	B07_05_B	729	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-09-27	2019-09-27	No								2019-10-01	8.49													
5050182	B07_05_B	B07_05_B	727	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-09-27	2019-09-27	No								2019-10-05	3.55													
5065350	B08_06_B	B08_06_B	1118	SUCCESS ST	Lead	Lead	PEX	Copper	2019-09-30	2019-09-30	No								2019-10-02	3.73													
5071648	B08_06_B	B08_06_B	845	MAGINN ST	Lead	Lead	PEX	Copper	2019-09-30	2019-09-30	No								2019-10-02	3.28													
5071659	B08_06_B	B08_06_B	863	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-09-30	2019-09-30	No								2019-10-02	ND													
5065347	B08_06_B	B08_06_B	1206	SUCCESS ST	Lead	Copper	PEX	Not Replaced	2019-09-30		No								2019-10-02	4.53													
5039445	B07_05_A	B07_05_A	6308	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2019-10-07	3.46													
5071662	B08_06_B	B08_06_B	867	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2019-10-02	2.79													
5059470	B05_02_A	B05_02_A	5	DE WITT ST	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2019-10-02	8.69													
5064368	B08_06_B	B08_06_B	1120	MARVISTA ST	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2020-11-24	4.38													
5071646	B08_06_B	B08_06_B	849	MAGINN ST	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2019-10-04	2.95													
5069738	B08_06_B	B08_06_B	1911	B ST	Lead	Copper	PEX	Not Replaced	2019-10-01		No								2019-11-20	ND													
5050185	B07_05_B	B07_05_B	723	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2019-12-07	6													
5039548	B07_05_A	B07_05_A	2701	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	No								2019-10-02	2.13													
5038468	B07_05_A	B07_05_A	2275	SHADY AVE	Lead	Copper	PEX	Not Replaced	2019-10-01		No								2019-10-04	1.61													
5080474	CEP_02	CEP_02	1254	GOE AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-01	No	Yes							2019-11-19	ND													
5039457	B07_05_A	B07_05_A	6346	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-06	13.1		2020-01-28	10.6		2020-04-04	1.61							
5033765	B04_09_B	B04_09_B	7232	HAMILTON AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-11-20	ND													
5039303	B07_05_A	B07_05_A	6423	FORWARD AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-03	1.15													
5071205	B08_06_B	B08_06_B	2133	HOLYOKE ST	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-06	7.77													
5071706	B08_06_B	B08_06_B	2536	IRWIN AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-02	4.69													
5039542	B07_05_A	B07_05_A	2737	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-02	2019-10-03	No	Yes							2019-10-04	28.5		2020-02-12	ND											
5059042	B05_02_A	B05_02_A	64	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-03	5.7													
5071681	B08_06_B	B08_06_B	633	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-19	ND													
5050188	B07_05_B	B07_05_B	715	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-05	5.9													
5058615	B05_02_A	B05_02_A	50	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-02	2019-10-02	No								2019-10-03	13.4		2020-01-29	ND											
5041063	Ops	Urgent LSLR	524	HASTINGS ST	Lead	Lead	PEX	Copper	2019-10-03	2019-10-17	No	Yes	Emergency						2019-10-19	8.11													
5039452	B07_05_A	B07_05_A	6330	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-04	12.9													
5071705	B08_06_B	B08_06_B	2538	IRWIN AVE	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-07	ND													
5061359	B05_02_A	B05_02_A	238	PAUL ST	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-04	53.6													
5039150	B07_05_A	B07_05_A	6343	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-05	4.68													
5059046	B05_02_A	B05_02_A	51	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-08	1.62													
5072613	B08_06_B	CEP_02	2225	PERRYSVILLE AVE	Copper	Lead	Not Replaced	Copper		2019-10-03	No								2019-10-05	1.26													
5061514	B05_02_A	B05_02_A	350	ALBERT ST	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-04	9.32													
5071629	B08_06_B	B08_06_B	607	MARSHALL AVE	Lead	Copper	PEX	Not Replaced	2019-10-03		No								2019-10-03	212		2020-01-26	ND										
5072223	B08_06_B	B08_06_B	22	KENWOOD AVE	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-05	5.66													
5071652	B08_06_B	B08_06_B	829	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-03	2019-10-03	No								2019-10-04	3.59													
5073827	Ops	B02_01_B	225	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-04	2019-10-05	No	Yes	Emergency						2020-07-11	2.15		2020-07-11	ND										
5058616	B05_02_A	B05_02_A	52	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-10-04		No								2019-10-06	ND													
5039324	B07_05_A	B07_05_A	6206	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-04	2019-10-04	No								2019-10-12	1.9													
5059428	B05_02_A	B05_02_A	2	DE WITT ST	Lead	Lead	PEX	Copper	2019-10-04	2019-10-04	No								2020-01-22	ND													
5038940	CEP	CEP	2320	SHADY AVE	Copper	Lead	Not Replaced	Copper		2019-10-04	No								2019-10-08	ND													
5050177	B07_05_B	B07_05_B	743	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-04	2019-10-04	No								2019-10-13	1.29													
5056319	CEP_02	CEP_02	423	EUREKA ST	Lead	Lead	PEX	Copper	2019-10-04	2019-10-04	No								2019-12-06	ND													
5058982	B05_02_A	B05_02_A	92	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-04	2019-10-04	No								2019-10-07	ND													
5061285	B05_02_A	B05_02_A	521	GRIFFIN ST	Lead	Lead	PEX	Copper	2019-10-04	2019-10-04	No								2019-10-05	12.2													
5075278	B02_01_B	B02_01_B	259	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-07		No								2019-10-08	1.35													
5120151	B02_01_B	B02_01_B	292	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-07		No								2019-11-25	ND													
5071654	B08_06_B	B08_06_B	837	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-07	2019-10-07	No								2019-10-08	6.31													
5039262	B07_05_A	B07_05_A	2774	BEECHWOOD BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-08	2019-10-08	No								2020-04-28	1.24													
5039162	B07_05_A	B07_05_A	6358	MORROWFIELD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-08	2019-10-08	No								2019-10-13	8.64													
5039464	B07_05_A	B07_05_A	6368	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-13	5.2													
5038469	B07_05_A	B07_05_A	2271	SHADY AVE	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-08	ND													
5039465	B07_05_A	B07_05_A	6372	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-09	3.22													
5039530	B07_05_A	B07_05_A	2794	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-09	1.47													
5075272	B02_01_B	B02_01_B	247	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-21	1.58													
5039163	B07_05_A	B07_05_A	6356	MORROWFIELD AVE	Lead	Copper	PEX	Not Replaced	2019-10-08		No								2019-10-15	1.22													
5075336	B02_01_B	B02_01_B	225	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-08		No								2019-10-09	3.72													
5059052	B05_02_A	B05_02_A	73	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-10	6.11													
5071634	B08_06_B	B08_06_B	543	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-09	5.48													
5050189	B07_05_B	B07_05_B	708	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-09	9.71													
5038526	B07_05_A	CEP_02	6321	WALDRON ST	Copper	Lead	Not Replaced	Copper		2019-10-08	No								2019-10-09	ND													
5050186	B07_05_B	B07_05_B	721	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-09	13.1		2020-01-30	2.11										
5039418	B07_05_A	B07_05_A	2804	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-09	27.3		2020-01-30	ND										
5039158	B07_05_A	B07_05_A	6374	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-10-08	2019-10-08	No								2019-10-12	3.98													
5059075	B05_02_A	B05_02_A	95	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-09	2019-11-06	Yes								2019-10-10	2300		2019-11-07	9.39										
5059108	B05_02_A	B05_02_A	47-49	GREENBUSH ST	Lead	Copper	PEX	Not Replaced	2019-10-09		No								2019-10-10	ND													
5075339	B02_01_B	B02_01_B	207	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-09		No								2019-10-22	3.98													
5040035	B07_05_A	B07_05_A	4313	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-11	43.9		2020-02-02	ND										
5059049	B05_02_A	B05_02_A	59	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-15	4.68													
5075340	B02_01_B	B02_01_B	203	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-09		No								2019-10-12	39		2020-02-08	ND										
5039173	B07_05_A	B07_05_A	6318	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-12	8.45													
5019872	CEP_02	CEP_02	5231	NATRONA WAY	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-10	5.33													
5071909	B02_01_B	B02_01_B	221	LURAY ST	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-12	ND													
5071907	B02_01_B	B02_01_B	217	LURAY ST	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-10	1.16													
5039540	B07_05_A	B07_05_A	2763	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-10	9.55													
5071640	B08_06_B	B08_06_B	447	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-09	2019-10-09	No								2019-10-12	1.87													
5038470	B07_05_A	B07_05_A	2269	SHADY AVE	Lead	Lead	PEX	Copper	2019-10-10	2019-10-10	No								2019-11-05	1.58													
5073445	B02_01_B	B02_01_B	149	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-10	2019-10-10	No								2019-10-28	ND													
5039281	B07_05_A	B07_05_A	2750	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-10	2019-10-10	No								2019-10-11	ND													
5050516	Fox Way Water Relay	Fox Way Water Relay	2130	FOX WAY	Lead	Copper	PEX	Not Replaced	2019-10-10		No				2018-09-09	2018-10-12	7		2019-12-31	1.74													
5046849	B07_05_B	B07_05_B	706	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-10	2019-10-10	No								2019-10-22	3.46													
5039822	B07_05_A	B07_05_A	6439	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-10	2019-10-15	No	Yes							2019-10-17	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5040038	B07_05_A	B07_05_A	4321	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-10	2019-10-10	No								2019-10-13	1.59													
5059474	B05_02_A	B05_02_A	407	GRIFFIN ST	Lead	Lead	PEX	Copper	2019-10-10	2019-10-10	No								2019-12-28	9.58													
5039900	B07_05_A	B07_05_A	2887	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-10-10		No								2019-10-12	ND													
5043929	Ops	Urgent LSLR	554	S BRADDOCK AVE	Lead	Lead	PEX	Copper	2019-10-11	2019-10-18	No	Yes	Emergency						2019-10-19	16.7													
5071941	B02_01_B	B02_01_B	2639	LINWOOD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-11	2019-10-11	No								2019-10-14	19.5		2020-02-11	4.58											
5038437	B07_05_A	B07_05_A	2262	SHADY AVE	Lead	Lead	PEX	Copper	2019-10-11	2019-10-11	No								2019-10-12	16.5													
5039149	B07_05_A	B07_05_A	6341	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2019-10-11	2019-10-11	No								2019-10-17	18.5		2020-02-02	ND											
5050172	B07_05_B	B07_05_B	755	MONTCLAIR ST	Lead	Copper	PEX	Not Replaced	2019-10-11		No								2019-10-13	2.29													
5058180	B05_02_A	B05_02_A	116	KEARSARGE ST	Lead	Copper	PEX	Not Replaced	2019-10-11		No								2020-07-19	ND													
5038438	B07_05_A	B07_05_A	2264	SHADY AVE	Lead	Lead	PEX	Copper	2019-10-14	2019-10-14	No								2019-10-14	21.6		2020-01-27	2.41											
5040039	B07_05_A	B07_05_A	4323	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-14	2019-10-14	No								2019-10-15	3.42													
5049865	B07_05_B	B07_05_B	777	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-14	2019-10-14	No								2019-10-16	10.5													
5075351	B02_01_B	B02_01_B	214	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-14	2019-10-14	No								2019-10-19	ND													
5073442	B02_01_B	B02_01_B	141	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-14	2019-10-14	No								2019-11-19	1.93													
5039882	B07_05_A	B07_05_A	2877	BEECHWOOD BLVD	Lead	Lead	PEX	Not Replaced	2019-10-14		Yes								2020-02-09	ND													
5073939	B02_01_B	B02_01_B	403	MARSHALL AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-15	2019-10-15	No								2019-10-31	ND													
5038466	B07_05_A	B07_05_A	2281	SHADY AVE	Lead	Lead	PEX	Copper	2019-10-15	2019-10-15	No								2019-10-18	ND													
5049963	B07_05_B	B07_05_B	934	DEELY ST	Lead	Lead	PEX	Copper	2019-10-15	2019-10-15	No								2019-10-15	4.55													
5075355	B02_01_B	B02_01_B	218	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-15	2019-10-15	No								2019-10-16	10.2		2020-01-28	54		2020-02-06	23.1		2020-07-30	1.42				
5039146	B07_05_A	B07_05_A	6331	BURCHFIELD AVE	Lead	Copper	PEX	Not Replaced	2019-10-15		No								2019-10-17	1.37													
5040036	B07_05_A	B07_05_A	4315	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-15	2019-10-15	No								2019-10-23	11.9		2020-02-09	8.95											
5049866	B07_05_B	B07_05_B	783	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-15	2019-10-15	No								2019-10-16	1.35													
5058664	B05_02_A	B05_02_A	33	SOUTHERN AVE	Lead	Copper	PEX	Not Replaced	2019-10-15		No								2019-10-19	ND													
5071902	B02_01_B	B02_01_B	2641	NORWOOD AVE	Lead	Copper	PEX	Not Replaced	2019-10-15		No								2019-10-17	1.4													
5058178	B05_02_A	B05_02_A	112	KEARSARGE ST	Lead	Copper	PEX	Not Replaced	2019-10-15		No								2019-10-25	ND													
5025599	Ops	Urgent LSLR	5398	STANTON AVE	Lead	Lead	PEX	Copper	2019-10-16	2019-10-23	No	Yes	Emergency						2019-10-23	17.5		2020-02-01	2.07											
5040032	B07_05_A	B07_05_A	4305	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-17	2019-10-17	No								2019-10-17	ND													
5061328	B05_02_A	B05_02_A	213	JASPER ST	Lead	Lead	PEX	Copper	2019-10-17	2019-10-17	No								2019-10-30	2.95													
5039013	B07_05_A	B07_05_A	2369	TILBURY AVE	Lead	Lead	PEX	Copper	2019-10-17	2019-10-17	No								2019-10-21	ND													
5073347	B02_01_B	B02_01_B	420	HAWKINS AVE	Lead	Lead	PEX	Copper	2019-10-17	2019-10-17	No								2019-10-20	33.5													
5073455	B02_01_B	B02_01_B	138	WATSON BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-17	2019-10-17	No								2019-10-17	507		2020-01-21	8.69											
5073446	B02_01_B	B02_01_B	151	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-17	2019-10-17	No								2019-10-17	1.73													
5049985	B07_05_B	B07_05_B	975	DEELY ST	Lead	Lead	PEX	Copper	2019-10-17	2019-10-17	No								2019-10-18	1.95													
5061325	B05_02_A	B05_02_A	209	JASPER ST	Lead	Copper	PEX	Not Replaced	2019-10-17		No								2019-10-22	6.64													
5073425	B02_01_B	B02_01_B	83	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-17		No								2019-10-19	5.86													
5040170	B07_05_A	B07_05_A	3032	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-17	2019-10-18	No	Yes							2019-10-19	1.92													
5060247	B05_02_B	B05_02_B	116	SHALER ST	Lead	Lead	PEX	Copper	2019-10-18	2019-10-18	No								2019-10-21	1.21													
5039307	B07_05_A	B07_05_A	6441	FORWARD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-18	2019-10-18	No								2019-10-20	1.91													
5040042	B07_05_A	B07_05_A	4329	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-18	2019-10-18	No								2019-10-19	1.77													
5073543	B02_01_B	B02_01_B	16	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-18		No								2019-10-19	2.14													
5040140	B07_05_A	B07_05_A	3077	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-18	2019-10-18	No								2019-10-21	ND													
5039492	B07_05_A	B07_05_A	6376	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2019-10-18	2019-10-18	No								2019-10-19	2.27													
5046830	B07_05_B	B07_05_B	651	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-18	2019-10-18	No								2019-10-19	ND													
5004947	Ops	Urgent LSLR	3282	DAWSON ST	Lead	Lead	PEX	Copper	2019-10-19	2019-10-30	No	Yes	Emergency						2019-11-02	ND													
5039698	B07_05_A	B07_05_A	6433	LANDVIEW RD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-19	2019-10-19	No								2019-10-28	5.48													
5039686	B07_05_A	B07_05_A	6421	LANDVIEW RD	Lead	Copper	PEX	Not Replaced	2019-10-19		No								2019-10-19	ND													
5046852	B07_05_B	B07_05_B	670	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-19	2019-10-19	No								2019-10-20	ND													
5048732	CEP	CEP	326	JOHNSTON AVE	Lead	Lead	PEX	Copper	2019-10-19	2019-10-19	No								2019-10-28	15.3													
5040141	B07_05_A	B07_05_A	3079	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-10-21		No								2019-10-22	ND													
5058676	B05_02_A	B05_02_A	20	SOUTHERN AVE	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-10-22	1.86													
5073913	B02_01_B	B02_01_B	2707	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-11-10	3.56													
5039264	B07_05_A	B07_05_A	6379	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-10-23	5.18													
5039030	B07_05_A	B07_05_A	2350	TILBURY AVE	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-12-11	ND													
5073567	B02_01_B	B02_01_B	41	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-21		No								2019-10-23	11		2020-01-26	ND											
5040138	B07_05_A	B07_05_A	3071	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-10-22	2.79													
5039697	B07_05_A	B07_05_A	6437	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-10-22	1.5													
5025699	CEP_02	CEP_02	5528	JACKSON ST	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-10-24	8.07													
5061728	B05_02_A	B05_02_A	228	JASPER ST	Lead	Copper	PEX	Not Replaced	2019-10-21		No								2019-10-22	17.6		2020-01-28	ND											
5061727	B05_02_A	B05_02_A	226	JASPER ST	Lead	Copper	PEX	Not Replaced	2019-10-21		No								2019-10-22	11.7													
5046858	B07_05_B	B07_05_B	654	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-21	2019-10-21	No								2019-10-22	4.76													
5073577	B02_01_B	B02_01_B	36	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-22	2019-10-22	No								2019-10-23	3.3													
5073562	B02_01_B	B02_01_B	67	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-22	2019-10-22	No								2019-10-25	5.9													
5030876	Ops	Urgent LSLR	6924	CHURCHLAND ST	Lead	Lead	PEX	Copper	2019-10-23	2019-10-26	No	Yes	Emergency						2019-10-29	1.58													
5039692	B07_05_A	B07_05_A	6424	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-11-13	ND													
5073426	B02_01_B	B02_01_B	91	WATSON BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-23	2019-10-23	No								2019-10-26	2.85													
5039699	B07_05_A	B07_05_A	6427	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-25	5.91													
5073578	B02_01_B	B02_01_B	38	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-25	1.04													
5046828	B07_05_B	B07_05_B	635	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-24	9.43													
5039491	B07_05_A	B07_05_A	6380	BURCHFIELD AVE	Lead	Copper	PEX	Not Replaced	2019-10-23		No								2019-10-24	22.5		2020-01-30	2.41											
5073569	B02_01_B	B02_01_B	37	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-10-23		No								2019-10-24	1.81													
5049953	B07_05_B	B07_05_B	968	DEELY ST	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-24	1.04													
5039265	B07_05_A	B07_05_A	6377	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-25	24.4													
5073938	B02_01_B	B02_01_B	353	MARSHALL AVE	Lead	Copper	PEX	Not Replaced	2019-10-23		No								2019-10-30	21.6													
5073937	B02_01_B	B02_01_B	351	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-27	2000		2019-11-08	1.5											
5008643	CEP_02	CEP_02	3429	BETHOVEN ST	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-10-24	30.1		2020-02-04	25.3		2020-04-29	1.26								
5059549	B05_02_A	B05_02_A	34	RUTH ST	Lead	Lead	PEX	Copper	2019-10-23	2019-10-23	No								2019-12-10	7													
5046861	B07_05_B	B07_05_B	646	MONTCLAIR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-24	2019-10-24	No								2019-10-28	4.1													
5059102	B05_02_A	B05_02_A	61	GREENBUSH ST	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-25	2.61													
5040033	B07_05_A	B07_05_A	4307	LUDWICK ST	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-27	ND													
5060767	B05_02_B	B05_02_B	506	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-28	1.58													
5040149	B07_05_A	B07_05_A	3117	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-28	7.33													
5046860	B07_05_B	B07_05_B	648	MONTCLAIR ST	Lead	Copper	PEX	Not Replaced	2019-10-24		No								2019-10-28	7.81													
5059552	B05_02_A	B05_02_A	42	RUTH ST	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-25	6.14													
5046424	B07_05_B	B07_05_B	911	DEELY ST	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-26	3.1													
5073933	B02_01_B	B02_01_B	337	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-26	8.74													
5060768	B05_02_B	B05_02_B	504	AUGUSTA ST	Lead	Copper	PEX	Not Replaced	2019-10-24		No								2019-10-26	ND													
5075328	B02_01_B	B02_01_B	163	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-24	2019-10-24	No								2019-10-28	6.18													
5075703	A11_01	CEP_02	4052	FRANKLIN RD	Copper	Lead	Not Replaced	Copper		2019-10-24	No								2019-10-25	2.34													
5060799	B05_02_B	B05_02_B	445	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-10-25	2019-10-25	No								2019-10-26	7.17													
5073909	B02_01_B	B02_01_B	2717	NORWOOD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-25	2019-10-25	No								2019-10-25	ND													
5040104	B07_05_A	B07_05_A	3156	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-10-25		No								2019-10-27	ND													
5039148	B07_05_A	B07_05_A	6337	BURCHFIELD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-25	2019-10-25	No								2019-10-26	282													
5040108	B07_05_A	B07_05_A	3140	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-10-25		No								2019-10-27	ND													
5073441	B02_01_B	B02_01_B	137	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-25	2019-10-25	No								2020-06-12	1.59													
5061724	B05_02_A	B05_02_A	212	JASPER ST	Lead	Lead	PEX	Copper	2019-10-25	2019-10-25	No								2019-10-26	30.8													
5133416	B01_07	CEP_02	1865	JANCEY ST	Copper	Lead	Not Replaced	Copper		2019-10-25	No								2019-11-03	5.57													
5046859	B07_05_B	B07_05_B	652	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-10-25	2019-10-25	No								2019-10-26	6.88													
5046826	B07_05_B	B07_05_B	629	MONTCLAIR ST	Lead	Copper	PEX	Not Replaced	2019-10-26		No								2019-10-28	8.14													
5073908	B02_01_B	B02_01_B	2721	NORWOOD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-28	2019-10-28	No								2019-11-01	22.4													
5060763	B05_02_B	B05_02_B	522	AUGUSTA ST	Lead	Copper	PEX	Not Replaced	2019-10-28		No								2019-11-08	ND													
5060797	B05_02_B	B05_02_B	435	AUGUSTA ST	Lead	Copper	PEX	Not Replaced	2019-10-28		No								2019-10-29	ND													
5045604	B07_05_B	B07_05_B	865	DEELY ST	Lead	Lead	PEX	Copper	2019-10-28	2019-10-28	No								2019-11-06	ND													
5039689	B07_05_A	B07_05_A	6414	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-28	2019-10-28	No								2019-10-29	1.45													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5071866	B02_01_B	B02_01_B	2648	NORWOOD ST	Lead	Lead	PEX	Copper	2019-10-28	2019-10-28	No								2019-10-30	ND													
5014193	CEP_02	CEP_02	375	W PENN PL	Lead	Lead	PEX	Copper	2019-10-28	2019-10-28	No								2019-10-29	5.39													
5073403	B02_01_B	B02_01_B	3309	DELAWARE ST	Lead	Lead	PEX	Copper	2019-10-28	2019-10-28	No								2019-11-16	2.92													
5039165	B07_05_A	B07_05_A	6352	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-10-30	15.9													
5060794	B05_02_B	B05_02_B	427	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-11-04	1.7													
5060511	B05_02_B	B05_02_B	353	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-10-30	ND													
5042770	B07_05_A	B07_05_A	125	WESTLAND DR	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-11-03	2.63													
5039164	B07_05_A	B07_05_A	6354	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-11-03	5.26													
5073430	B02_01_B	B02_01_B	105	WATSON BLVD	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-12-06	2													
5039830	B07_05_A	B07_05_A	6509	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-12-06	ND													
5064212	CEP_02	CEP_02	1320	W NORTH AVE	Lead	Lead	PEX	Copper	2019-10-29	2019-10-29	No								2019-11-01	8.8													
5043949	Ops	Urgent LSLR	7527	ROSEMARY RD	Lead	Lead	PEX	Copper	2019-10-30	2019-11-08	No	Yes	Emergency						2019-11-12	4.45													
5073421	B02_01_B	B02_01_B	3358	DELAWARE ST	Lead	Lead	PEX	Copper	2019-10-30	2019-10-30	No								2019-11-01	1.07													
5039275	B07_05_A	B07_05_A	2645	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-10-30	2019-10-30	No								2019-10-31	ND													
5049979	B07_05_B	B07_05_B	961	DEELY ST	Lead	Copper	PEX	Not Replaced	2019-10-30		No								2020-03-30	ND													
5040113	B07_05_A	B07_05_A	4326	LUSTER ST	Lead	Lead	PEX	Copper	2019-10-30	2019-10-30	No								2019-10-31	3.52													
5073936	B02_01_B	B02_01_B	349	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-10-30	2019-10-30	No								2019-11-05	ND													
5039276	B07_05_A	B07_05_A	2641	BEECHWOOD BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-30	2019-10-30	No								2019-12-04	ND													
5039696	B07_05_A	B07_05_A	6440	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-10-30	2019-10-30	No								2019-10-31	4.1													
5061396	B05_02_A	CEP_02	42	ALBERT ST	Copper	Lead	Not Replaced	Copper		2019-10-30	No								2019-10-31	1.04													
5060512	B05_02_B	B05_02_B	349	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-10-30	2019-10-30	No								2019-10-30	34.6		2020-08-27	1.49											
5073918	B02_01_B	B02_01_B	2710	DELGAR ST	Lead	Copper	PEX	Not Replaced	2019-10-30		No								2019-12-13	4													
5073399	B02_01_B	B02_01_B	3327	DELAWARE ST	Lead	Copper	PEX	Not Replaced	2019-10-30		No								2019-12-18	ND													
5060503	B05_02_B	B05_02_B	342	AUGUSTA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-10-30	2019-10-30	No								2019-11-06	ND													
5056884	B06_03_A	CEP_02	13	BROSVILLE ST	Copper	Lead	Not Replaced	Copper		2019-10-30	No								2019-10-31	1.67													
5060803	B05_02_B	B05_02_B	465	AUGUSTA ST	Lead	Copper	PEX	Not Replaced	2019-10-31		No								2019-10-31	7.04													
5073589	B02_01_B	B02_01_B	46	TRETOW ST	Lead	Lead	PEX	Copper	2019-10-31	2019-10-31	No								2019-11-02	ND													
5060805	B05_02_B	B05_02_B	467	AUGUSTA ST	Lead	Copper	PEX	Not Replaced	2019-10-31		No								2019-11-01	1.6													
5061307	B05_02_A	B05_02_A	528	BOGGS AVE	Lead	Lead	PEX	Copper	2019-10-31	2019-10-31	No								2019-11-02	6.91													
5073880	B02_01_B	B02_01_B	316	MAYFIELD AVE	Lead	Lead	PEX	Copper	2019-10-31	2019-10-31	No								2019-11-03	36.9													
5061320	B05_02_A	B05_02_A	613	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-10-31		No								2019-11-04	ND													
5045603	B07_05_B	B07_05_B	869	DEELY ST	Lead	Lead	PEX	Copper	2019-11-01	2019-11-01	No								2019-11-03	7.56													
5039654	B07_05_B	B07_05_B	4245	SALINE ST	Lead	Lead	PEX	Copper	2019-11-01	2019-11-01	No								2019-11-04	6.42													
5038530	B07_05_A	B07_05_A	2255	TILBURY AVE	Lead	Lead	PEX	Copper	2019-11-01	2019-11-01	No								2019-11-03	ND													
5073920	B02_01_B	B02_01_B	2716	DELGAR ST	Lead	Lead	PEX	Copper	2019-11-01	2019-11-01	No								2019-11-03	ND													
5046820	B07_05_B	B07_05_B	621	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-11-01	2019-11-01	No								2019-11-28	ND													
5020207	CEP_02	CEP_02	5122	STANTON AVE	Lead	Lead	PEX	Copper	2019-11-01	2019-11-01	No								2019-11-06	ND													
5039827	B07_05_A	B07_05_A	3157	SHADY AVENUE EXT	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-02	2019-11-02	No								2019-11-06	2.46													
5040195	B07_05_A	B07_05_A	3240	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-11-02		No								2019-11-07	2.55													
5045606	B07_05_B	B07_05_B	861	DEELY ST	Lead	Copper	PEX	Not Replaced	2019-11-02		No								2019-11-05	1.47													
5046874	B07_05_B	B07_05_B	606	MONTCLAIR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-02	2019-11-02	No								2019-11-05	8.58													
5039837	B07_05_A	B07_05_A	6605	LANDVIEW RD	Lead	Copper	PEX	Not Replaced	2019-11-02		No								2019-11-04	1.11													
5039125	B07_05_A	B07_05_A	2843	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-05	4.39													
5073400	B02_01_B	B02_01_B	3323	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-05	35.6		2020-03-07	39.8		2020-07-03	45.2		2020-10-29	2.1				
5073551	B02_01_B	B02_01_B	3201	ORLEANS ST	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-07	11.4		2020-02-20	2.7											
5061303	B05_02_A	B05_02_A	512	BOGGS AVE	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-08	3.17													
5060513	B05_02_B	B05_02_B	347	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-05	316		2020-02-09	2.01											
5046871	B07_05_B	B07_05_B	614	MONTCLAIR ST	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-06	5.59													
5039508	B07_05_A	B07_05_A	2905	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-04	2019-11-04	No								2019-11-05	7.02													
5040197	B07_05_A	B07_05_A	3234	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-06	20													
5039230	B07_05_A	B07_05_A	6361	ALDERSON ST	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-17	43.3													
5060516	B05_02_B	B05_02_B	333	AUGUSTA ST	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-09	8.22													
5061298	B05_02_A	B05_02_A	442	BOGGS AVE	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-11	ND													
5039503	B07_05_A	B07_05_A	2929	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-06	14		2020-02-19	56.6		2020-05-14	ND							
5073801	B02_01_B	B02_01_B	362	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-07	3.97													
5073555	B02_01_B	B02_01_B	3218	ORLEANS ST	Lead	Copper	PEX	Not Replaced	2019-11-05		No								2019-11-08	1.3													
5014146	CEP_02	CEP_02	351	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2019-11-05	2019-11-05	No								2019-11-11	2.08													
5060559	B05_02_B	B05_02_B	329	SWEETBRIAR ST	Lead	Lead	PEX	Not Replaced	2019-11-05		Yes								2019-11-07	ND													
5015232	CEP_02	CEP_02	522	OSCEOLA ST	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	No								2019-11-07	ND													
5061382	B05_02_A	B05_02_A	515	BOGGS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-06	2019-11-06	No								2019-11-17	ND													
5073921	B02_01_B	B02_01_B	2724	DELGAR ST	Lead	Copper	PEX	Not Replaced	2019-11-06		No								2019-11-08	3.37													
5073553	B02_01_B	B02_01_B	3208	ORLEANS ST	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	No								2019-11-06	19.4		2020-02-10	1.61											
5040017	B07_05_A	B07_05_A	4344	LUDWICK ST	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	No								2019-11-07	126		2020-02-07	5.08											
5073396	B02_01_B	B02_01_B	3337	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	No								2019-11-07	42.7		2020-04-17	ND											
5045611	B07_05_B	B07_05_B	841	DEELY ST	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	No								2019-11-09	3.42													
5073811	B02_01_B	B02_01_B	316	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	No								2019-11-08	2.48													
5071653	B08_06_B	CEP_02	833	MARSHALL AVE	Copper	Lead	Not Replaced	Copper		2019-11-06	No								2020-01-15	ND													
5039691	B07_05_A	B07_05_A	6418	LANDVIEW RD	Lead	Lead	PEX	Copper	2019-11-07	2019-11-07	No								2019-11-09	45.7		2020-02-17	ND											
5039129	B07_05_A	B07_05_A	2827	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-07	2019-11-07	No								2019-11-07	8.44													
5073424	B02_01_B	B02_01_B	3336	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-07	2019-11-07	No								2019-11-09	11.5		2020-02-09	ND											
5050359	B07_05_B	B07_05_B	3415	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-07	2019-11-07	No								2019-11-08	2.64													
5045617	B07_05_B	B07_05_B	817	DEELY ST	Lead	Lead	PEX	Copper	2019-11-07	2019-11-07	No								2019-11-18	6													
5060498	B05_02_B	B05_02_B	324	AUGUSTA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-07	2019-11-07	No								2019-11-10	ND													
5046790	B07_05_B	B07_05_B	4319	TESLA ST	Lead	Copper	PEX	Not Replaced	2019-11-07		No								2019-11-11	ND													
5046800	B07_05_B	B07_05_B	4303	TESLA ST	Lead	Lead	PEX	Copper	2019-11-08	2019-11-09	No	Yes							2019-11-14	1.45													
5050105	B07_05_B	B07_05_B	3469	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-08	2019-11-09	No	Yes							2019-11-18	2													
5073560	B02_01_B	B02_01_B	3232	ORLEANS ST	Lead	Lead	PEX	Copper	2019-11-08	2019-11-08	No								2019-11-11	12.5		2020-03-02	4.77											
5039130	B07_05_A	B07_05_A	2825	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-08	2019-11-08	No								2019-11-10	5.86													
5073874	B02_01_B	B02_01_B	315	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-11-08	2019-11-08	No								2019-11-10	ND													
5039989	B07_05_B	B07_05_B	4265	SALINE ST	Lead	Copper	PEX	Not Replaced	2019-11-08		No								2019-11-12	2.13													
5050164	B07_05_B	B07_05_B	4264	SALINE ST	Lead	Lead	PEX	Copper	2019-11-08	2019-11-09	No	Yes							2019-11-10	6.26													
5060555	B05_02_B	B05_02_B	343	SWEETBRIAR ST	Lead	Copper	PEX	Not Replaced	2019-11-11		No								2019-11-12	ND													
5050098	B07_05_B	B07_05_B	3487	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-11	2019-11-11	No								2019-11-15	6.84													
5073394	B02_01_B	B02_01_B	3347	DELAWARE ST	Lead	Copper	PEX	Not Replaced	2019-11-11		No								2019-11-12	ND													
5060839	B05_02_B	B05_02_B	425	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-11-11	2019-11-11	No								2019-11-12	ND													
5051066	Wrights Way Water Relay	Wrights Way Water Relay	2423	WRIGHTS WAY	Lead	Copper	PEX	Not Replaced	2019-11-11		No								2019-11-11	14.1													
5075327	B02_01_B	B02_01_B	153	WATSON BLVD	Lead	Copper	PEX	Not Replaced	2019-11-11		No								2019-11-15	ND													
5073422	B02_01_B	B02_01_B	3354	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-15	ND													
5050154	B07_05_B	B07_05_B	4232	SALINE ST	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-14	1													
5060540	B05_02_B	B05_02_B	328	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-24	1.02													
5039143	B07_05_A	B07_05_A	6315	BURCHFIELD AVE	Lead	Copper	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-15	3.84													
5073903	B02_01_B	B02_01_B	2711	LELAND ST	Lead	Copper	PEX	Not Replaced	2019-11-12		No								2019-12-19	2													
5073892	B02_01_B	B02_01_B	2710	LELAND ST	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-14	ND													
5016212	CEP_02	CEP_02	265	45TH ST	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-14	4.14													
5059121	B05_02_A	B05_02_A	72	WYOMING ST	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-16	2.6													
5059135	B05_02_A	B05_02_A	346	WYOMING ST AKA 9	Lead	Lead	PEX	Copper	2019-11-12	2019-11-12	No								2019-11-16	2.4													
5059133	B05_02_A	B05_02_A	350	WYOMING ST	Lead	Lead	PEX	Copper	2019-11-13	2019-11-12	No	Yes							2019-11-14	6.42													
5038498	B07_05_A	B07_05_A	2267	TILBURY AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-13	2019-11-13	No								2019-12-03	ND													
5046427	B07_05_B	B07_05_B	903	DEELY ST	Lead	Lead	PEX	Copper	2019-11-13	2019-11-13	No								2019-11-14	1.77													
5073417	B02_01_B	B02_01_B	3270	ORLEANS ST	Lead	Lead	PEX	Copper	2019-11-13	2019-11-13	No								2019-11-22	8.76													
5046426	B07_05_B	B07_05_B	901	DEELY ST	Lead	Lead	PEX	Copper	2019-11-13	2019-11-13	No								2020-03-16	1.02													
5071848	B02_01_B	B02_01_B	2634	LELAND ST	Lead	Copper	PEX	Not Replaced	2019-11-13		No								2019-11-15	4.11													
5039993	B07_05_B	B07_05_B	4311	SALINE ST	Lead	Lead	PEX	Copper	2019-11-13	2019-11-13	No								2019-11-16	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5073652	B02_01_B	B02_01_B	215	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-11-13	2019-11-13	No								2019-11-15	ND													
5060834	B05_02_B	B05_02_B	415	SWEETBRIAR ST	Lead	Copper	PEX	Not Replaced	2019-11-13		No								2019-11-15	1.06													
5046788	B07_05_B	B07_05_B	4325	TESLA ST	Lead	Lead	PEX	Copper	2019-11-13	2019-11-13	No								2019-11-15	ND													
5075316	B02_01_B	B02_01_B	3418	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-14	2019-11-14	No								2019-11-15	5.93													
5039133	B07_05_A	B07_05_A	2811	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-14	2019-11-14	No								2019-11-20	1.06													
5007186	CEP_02	CEP_02	347	MELWOOD AVE	Lead	Lead	PEX	Copper	2019-11-14	2019-11-14	No								2019-11-15	458													
5081298	CEP_02	CEP_02	1022	CORNELL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-14	2019-11-14	No								2019-12-02	46													
5039996	B07_05_B	B07_05_B	4321	SALINE ST	Lead	Lead	PEX	Copper	2019-11-14	2019-11-14	No								2019-11-16	6.94													
5050117	B07_05_B	B07_05_B	3470	BEECHWOOD BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-15	2019-11-15	No								2019-11-16	ND													
5039998	B07_05_B	B07_05_B	4331	SALINE ST	Lead	Lead	PEX	Copper	2019-11-15	2019-11-15	No								2019-11-18	ND													
5075317	B02_01_B	B02_01_B	3424	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-15	2019-11-15	No								2019-11-20	369		2020-06-19	1.53											
5059192	B05_02_A	B05_02_A	77	WYOMING ST	Lead	Lead	PEX	Copper	2019-11-15	2019-11-15	No								2019-11-20	1.35													
5059191	B05_02_A	B05_02_A	79	WYOMING ST	Lead	Lead	PEX	Copper	2019-11-15	2019-11-15	No								2019-11-18	ND													
5046412	B07_05_B	B07_05_B	905	NORFOLK ST	Lead	Lead	PEX	Copper	2019-11-15	2019-11-15	No								2019-11-19	15		2020-02-27	ND										
5072061	B02_01_B	B02_01_B	2639	ELLIS ST	Lead	Copper	PEX	Not Replaced	2019-11-15		No								2019-11-15	711		2020-02-14	ND										
5046792	B07_05_B	B07_05_B	4323	TESLA ST	Lead	Lead	PEX	Copper	2019-11-16	2019-11-16	No								2019-11-18	ND													
5075266	B02_01_B	B02_01_B	3440	PERRYSVILLE AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-18	2019-11-18	No								2019-11-19	ND													
5050122	B07_05_B	B07_05_B	3484	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-11-18		No								2019-11-19	ND													
5045609	B07_05_B	B07_05_B	847	DEELY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-18	2019-11-18	No								2019-12-06	ND													
5045722	B07_05_B	B07_05_B	834	LILAC ST	Lead	Lead	PEX	Copper	2019-11-18	2019-11-18	No								2019-11-20	ND													
5050156	B07_05_B	B07_05_B	4238	SALINE ST	Lead	Lead	PEX	Copper	2019-11-18	2019-11-18	No								2019-11-21	1.07													
5073364	B02_01_B	B02_01_B	3325	PORTOLA ST	Lead	Lead	PEX	Copper	2019-11-18	2019-11-18	No								2019-11-21	4.42													
5045622	B07_05_B	B07_05_B	801	DEELY ST	Lead	Copper	PEX	Not Replaced	2019-11-18		No								2020-05-03	2.8													
5046784	B07_05_B	B07_05_B	4320	TESLA ST	Lead	Lead	PEX	Copper	2019-11-18	2019-11-18	No								2019-11-22	1.16													
5070356	A16_06	CEP_02	615	W JEFFERSON ST	Copper	Lead	Not Replaced	Copper		2019-11-18	No				2018-10-16	2018-10-31	ND		2019-11-20	1.97													
5059132	B05_02_A	B05_02_A	96	WYOMING ST	Lead	Lead	PEX	Copper	2019-11-18	2019-11-18	No								2020-06-17	ND													
5072056	B02_01_B	B02_01_B	2627	ELLIS ST	Lead	Copper	PEX	Not Replaced	2019-11-18		No								2019-12-15	ND													
5075322	B02_01_B	B02_01_B	3444	DELAWARE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-19	2019-11-19	No								2020-01-06	1.47													
5050142	B07_05_B	B07_05_B	4204	SALINE ST	Lead	Lead	PEX	Copper	2019-11-19	2019-11-19	No								2019-11-20	18.4		2020-03-20	1.68										
5059188	B05_02_A	B05_02_A	85	WYOMING ST	Lead	Lead	PEX	Copper	2019-11-19	2019-11-19	No								2019-11-25	ND													
5045723	B07_05_B	B07_05_B	836	LILAC ST	Lead	Lead	PEX	Copper	2019-11-19	2019-11-19	No								2019-11-21	1.55													
5073388	B02_01_B	B02_01_B	3330	PORTOLA ST	Lead	Copper	PEX	Not Replaced	2019-11-19		No								2019-11-27	ND													
5039160	B07_05_A	B07_05_A	6368-6370	MORROWFIELD AVE	Lead	Copper	PEX	Not Replaced	2019-11-19		No								2019-11-19	9.07		2020-01-28	ND										
5060554	B05_02_B	B05_02_B	345	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-11-19	2019-11-19	No								2019-11-21	22		2020-02-16	ND										
5046783	B07_05_B	B07_05_B	4310	TESLA ST	Lead	Lead	PEX	Copper	2019-11-19	2019-11-19	No								2019-12-16	ND													
5058729	B05_02_A	B05_02_A	311	WYOMING ST	Lead	Copper	PEX	Not Replaced	2019-11-19		No								2019-11-20	1.3													
5073833	B02_01_B	B02_01_B	304	KENNEDY AVE	Lead	Copper	PEX	Not Replaced	2019-11-19		No								2020-01-12	19.8		2021-04-14	ND										
5018500	Ops	Urgent LSLR	183	46TH ST	Lead	Lead	PEX	Copper	2019-11-20	2019-11-21	No	Yes	Emergency						2019-11-24	3.83													
5058601	A02_02	CEP	219	NATCHEZ ST	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No				2019-05-10	2019-05-29	1180		2019-11-22	75.6													
5050111	B07_05_B	B07_05_B	3452	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No								2019-11-21	6.64													
5039384	B07_05_A	B07_05_A	3039	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No								2019-11-21	1.1													
5073401	B02_01_B	B02_01_B	3319	PORTOLA ST	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No								2019-11-25	46		2020-02-17	ND										
5060289	B05_02_B	B05_02_B	228	EDITH ST	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No								2020-01-23	ND													
5060568	B05_02_B	B05_02_B	207	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No								2019-11-21	511		2020-02-13	1.6										
5075321	B02_01_B	B02_01_B	3440	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-20	2019-11-20	No								2020-01-23	2.52													
5039347	B07_05_B	B07_05_B	4021	SALINE ST	Lead	Lead	PEX	Copper	2019-11-23	2019-11-21	No	Yes							2019-11-27	ND													
5050115	B07_05_B	B07_05_B	3464	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-21	2019-11-21	No								2019-11-22	ND													
5045737	B07_05_B	B07_05_B	901	LILAC ST	Lead	Lead	PEX	Copper	2019-11-21	2019-11-21	No								2020-09-07	2.06													
5039153	B07_05_A	B07_05_A	6359	BURCHFIELD AVE	Lead	Copper	PEX	Not Replaced	2019-11-21		No								2019-11-22	53.1													
5046313	B07_05_B	B07_05_B	4133	BEEHNER RD	Lead	Lead	PEX	Copper	2019-11-21	2019-11-21	No								2019-11-22	6.7													
5075326	B02_01_B	B02_01_B	3462	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-21	2019-11-21	No								2019-11-22	ND													
5060296	B05_02_B	B05_02_B	207	EDITH ST	Lead	Lead	PEX	Copper	2019-11-21	2019-11-21	No								2019-11-25	ND													
5060556	B05_02_B	B05_02_B	339	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-11-21	2019-11-21	No								2019-11-24	ND													
5060291	B05_02_B	B05_02_B	224	EDITH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-22	2019-11-22	No								2019-12-11	5													
5075325	B02_01_B	B02_01_B	3456	DELAWARE ST	Lead	Lead	PEX	Copper	2019-11-22	2019-11-22	No								2019-11-23	84.5		2019-12-16	ND										
5060302	B05_02_B	B05_02_B	221	EDITH ST	Lead	Lead	PEX	Copper	2019-11-22	2019-11-22	No								2019-11-24	5.24													
5060564	B05_02_B	B05_02_B	309	SWEETBRIAR ST	Lead	Copper	PEX	Not Replaced	2019-11-22		No								2019-11-30	16													
5050220	B07_05_B	B07_05_B	4	EXETER ST	Lead	Lead	PEX	Copper	2019-11-22	2019-11-22	No								2019-11-30	ND													
5050138	B07_05_B	B07_05_B	4146	SALINE ST	Lead	Lead	PEX	Copper	2019-11-22	2019-11-22	No								2019-11-23	ND													
5063660	CEP_02	CEP_02	308	UVILLA ST	Lead	Copper	PEX	Not Replaced	2019-11-22		No								2019-11-26	1.27													
5039135	B07_05_A	B07_05_A	6300	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2019-11-23	2019-11-23	No								2019-11-23	7.09													
5050226	B07_05_B	B07_05_B	14	EXETER ST	Lead	Lead	PEX	Copper	2019-11-23	2019-11-23	No								2019-11-25	4													
5046839	B07_05_B	B07_05_B	4302	FRANK ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-25	2019-11-25	No								2019-11-28	ND													
5039346	B07_05_B	B07_05_B	4017	SALINE ST	Lead	Lead	PEX	Copper	2019-11-25	2019-11-25	No								2019-11-26	2													
5061294	B05_02_A	B05_02_A	440	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-11-25		No								2019-11-28	2													
5061293	B05_02_A	B05_02_A	438	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-11-25		No								2019-11-27	ND													
5060536	B05_02_B	B05_02_B	316	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-11-25	2019-11-25	No								2019-11-26	7.17													
5061415	B05_02_A	B05_02_A	443	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-11-25		No								2020-11-30	1.39													
5050228	B07_05_B	B07_05_B	18	EXETER ST	Lead	Lead	PEX	Copper	2019-11-25	2019-11-25	No								2019-12-26	ND													
5074105	B02_01_B	B02_01_B	235	KENNEDY AVE	Lead	Copper	PEX	Not Replaced	2019-11-25		No								2019-11-27	ND													
5073407	B02_01_B	B02_01_B	3232	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-11-25	2019-11-25	No								2019-11-26	347		2019-12-08	4										
5061405	B05_02_A	B05_02_A	233	ALBERT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-26	2019-11-26	No								2019-12-05	6													
5049522	B07_05_B	B07_05_B	910	LILAC ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-26	2019-11-26	No								2019-12-04	3													
5050146	B07_05_B	B07_05_B	4212	SALINE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-26	2019-11-26	No								2019-11-28	ND													
5050126	B07_05_B	B07_05_B	3494	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-26	2019-11-26	No								2019-11-26	3													
5073969	B02_01_B	B02_01_B	224	KENNEDY AVE	Lead	Copper	PEX	Not Replaced	2019-11-26		No								2019-12-01	45													
5020746	CEP_02	CEP_02	5523	CAMELIA ST	Copper	Lead	Not Replaced	Copper		2019-11-26	No								2019-11-28	8													
5060294	B05_02_B	B05_02_B	201	EDITH ST	Lead	Lead	PEX	Copper	2019-11-26	2019-11-26	No								2019-12-05	2													
5045727	B07_05_B	B07_05_B	846	LILAC ST	Lead	Lead	PEX	Copper	2019-11-26	2019-11-26	No								2019-11-27	4													
5073519	B02_01_B	B02_01_B	3208	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-11-26		No								2019-11-27	11		2020-02-29	ND										
5061695	CEP_02	CEP_02	624	BOGGS AVE	Copper	Lead	Not Replaced	Copper		2019-11-26	No								2020-01-23	ND													
5060301	B05_02_B	B05_02_B	219	EDITH ST	Lead	Lead	PEX	Copper	2019-11-26	2019-11-26	No								2019-12-02	11		2020-02-27	ND										
5060300	B05_02_B	B05_02_B	215	EDITH ST	Lead	Copper	PEX	Not Replaced	2019-11-26		No								2020-01-13	ND													
5050240	B07_05_B	B07_05_B	15	EXETER ST	Lead	Lead	PEX	Copper	2019-11-26	2019-11-26	No								2019-11-27	18		2020-04-30	ND										
5073743	B02_01_B	B02_01_B	323	MILROY ST	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-11-29	4													
5073670	B02_01_B	B02_01_B	3032	NORWOOD AVE	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-12-05	ND													
5050167	B07_05_B	B07_05_B	724	LORETTA ST	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-11-29	ND													
5060299	B05_02_B	B05_02_B	213	EDITH ST	Lead	Lead	PEX	Copper	2019-11-27	2019-11-27	No								2019-11-28	15		2020-02-28	ND										
5059534	B05_02_A	B05_02_A	229	BOGGS AVE	Lead	Lead	PEX	Copper	2019-11-27	2019-11-27	No								2020-01-22	ND													
5050273	B07_05_B	B07_05_B	733	HAZELWOOD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-27	2019-11-27	No								2019-11-29	2													
5049850	B07_05_B	B07_05_B	4112	SALINE ST	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-11-29	ND													
5050124	B07_05_B	B07_05_B	3490	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-27	2019-11-27	No								2019-11-29	2													
5073503	B02_01_B	B02_01_B	3131	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-12-04	ND													
5060292	B05_02_B	B05_02_B	216	EDITH ST	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-11-29	2													
5060482	B05_02_B	B05_02_B	255	EDITH ST	Lead	Lead	PEX	Copper	2019-11-27	2019-11-27	No								2020-01-23	ND													
5039349	B07_05_B	B07_05_B	4101	SALINE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-27	2019-11-27	No								2019-11-28	ND													
5016584	CEP_02	CEP_02	261	42ND ST	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-11-30	ND													
5059454	B05_02_A	B05_02_A	306	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-11-27		No								2019-12-01	ND													
5049880	B07_05_B	B07_05_B	774	LORETTA ST	Lead	Lead	PEX	Copper	2019-11-29	2019-11-29	No								2019-11-30	ND													
5045736	B07_05_B	B07_05_B	905	LILAC ST	Lead	Lead	PEX	Copper	2019-11-29	2019-11-29	No								2019-12-23	2													
5050125	B07_05_B	B07_05_B	3492	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-11-29	2019-11-29	No								2019-11-30	9													
5050148	B07_05_B	B07_05_B	4218	SALINE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-11-29	2019-11-29	No								2019-12-10	ND													
5049884	B07_05_B	B07_05_B	764	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-02	2019-12-02	No								2019-12-03	8													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5073677	B02_01_B	B02_01_B	3000	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-12-02	2019-12-02	No								2019-12-16	56		2020-01-22	ND										
5073834	B02_01_B	B02_01_B	302	KENNEDY AVE	Lead	Lead	PEX	Copper	2019-12-03	2019-12-03	No								2019-12-11	3													
5050383	B07_05_B	B07_05_B	4316	SALINE ST	Lead	Lead	PEX	Copper	2019-12-03	2019-12-03	No								2019-12-04	2													
5060305	B05_02_B	B05_02_B	229	EDITH ST	Lead	Lead	PEX	Copper	2019-12-03	2019-12-03	No								2019-12-05	18													
5049885	B07_05_B	B07_05_B	760	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-03	2019-12-03	No								2019-12-05	4													
5060288	B05_02_B	B05_02_B	230	EDITH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-03	2019-12-03	No								2019-12-05	ND													
5045739	B07_05_B	B07_05_B	861	LILAC ST	Lead	Lead	PEX	Copper	2019-12-03	2019-12-03	No								2019-12-05	2													
5073742	B02_01_B	B02_01_B	402	MILROY ST	Lead	Lead	PEX	Copper	2019-12-03	2019-12-03	No								2019-12-04	ND													
5066681	Ops		1004	CEDAR AVE	Lead	Copper	PEX	Not Replaced	2019-12-04		No		Emergency						2019-12-06	ND													
5135149	B05_02_A	B05_02_A	518	BOGGS AVE	Lead	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2019-12-05	ND													
5045729	B07_05_B	B07_05_B	852	LILAC ST	Lead	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2019-12-09	ND													
5073505	B02_01_B	B02_01_B	3125	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-12-04		No								2019-12-05	5													
5080143	CEP_02	CEP_02	4022	OSWALD ST	Copper	Lead	Not Replaced	Copper		2019-12-04	No								2019-12-05	6													
5050134	B07_05_B	B07_05_B	3514-3516	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-12-04		No								2019-12-05	ND													
5050305	B07_05_B	B07_05_B	794	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2019-12-06	ND													
5060298	B05_02_B	B05_02_B	211	EDITH ST	Lead	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2019-12-07	2													
5066089	CEP_02	CEP_02	1228	VETO ST	Copper	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2019-12-06	ND													
5049554	B07_05_B	B07_05_B	966	LILAC ST	Lead	Copper	PEX	Not Replaced	2019-12-04		No								2019-12-07	ND													
5073699	B02_01_B	B02_01_B	2921	NORWOOD AVE	Lead	Copper	PEX	Not Replaced	2019-12-04		No								2019-12-11	3													
5060309	B05_02_B	B05_02_B	237	EDITH ST	Lead	Copper	PEX	Not Replaced	2019-12-04		No								2020-01-12	5.8													
5017440	CEP_02	CEP_02	4037	CABINET ST	Lead	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2020-01-23	ND													
5073506	B02_01_B	B02_01_B	3121	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2019-12-04		No								2020-01-23	ND													
5060279	B05_02_B	B05_02_B	202	EDITH ST	Lead	Lead	PEX	Copper	2019-12-04	2019-12-04	No								2020-02-01	2.69													
5060283	B05_02_B	B05_02_B	242	EDITH ST	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2020-01-31	7.24													
5050274	B07_05_B	B07_05_B	731	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2019-12-09	5													
5050044	B07_05_B	B07_05_B	4205	WINDSOR ST	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2019-12-07	ND													
5049943	B07_05_B	B07_05_B	726	MELBOURNE ST	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2019-12-06	ND													
5049847	B07_05_B	B07_05_B	4124	SALINE ST	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2020-01-06	ND													
5073698	B02_01_B	B02_01_B	2927	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2019-12-07	8													
5060110	B05_02_B	B05_02_B	312	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-05	2019-12-05	No								2020-01-21	212		2020-02-02	ND										
5060134	B05_02_B	B05_02_B	319-321	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-08	9													
5050290	B07_05_B	B07_05_B	760	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-08	ND													
5039995	B07_05_B	B07_05_B	4315	SALINE ST	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-11	ND													
5073648	B02_01_B	B02_01_B	157	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-09	ND													
5049916	B07_05_B	B07_05_B	787	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-10	1.21													
5049828	B07_05_B	B07_05_B	3552	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-12-06		No								2019-12-11	ND													
5073650	B02_01_B	B02_01_B	205	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-11	3													
5050046	B07_05_B	B07_05_B	4211	WINDSOR ST	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-07	6													
5060133	B05_02_B	B05_02_B	323	FINGAL ST	Lead	Copper	PEX	Not Replaced	2019-12-06		No								2019-12-07	2													
5073729	B02_01_B	B02_01_B	3021	VIOLA ST	Lead	Lead	PEX	Copper	2019-12-06	2019-12-06	No								2019-12-10	25		2020-03-08	ND										
5073528	B02_01_B	B02_01_B	3106	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-12-09	2019-12-09	No								2020-01-13	ND													
5073694	B02_01_B	B02_01_B	3001	MOUNT ALLISTER RD	Lead	Lead	PEX	Copper	2019-12-09	2019-12-09	No								2020-01-29	ND													
5050139	B07_05_B	B07_05_B	3522	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-12-10		No								2019-12-11	2													
5060108	B05_02_B	B05_02_B	322	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-14	13													
5046382	B07_05_B	B07_05_B	717	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-11	ND													
5073644	B02_01_B	B02_01_B	141	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-11	2													
5059532	B05_02_A	B05_02_A	301	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-12-10		No								2020-01-20	1.59													
5060455	B05_02_B	B05_02_B	250	EDITH ST	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-11	ND													
5073678	B02_01_B	B02_01_B	2932	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-10	6													
5040001	B07_05_B	B07_05_B	4349	SALINE ST	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2020-01-10	1.39													
5040000	B07_05_B	B07_05_B	4345	SALINE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-10	2019-12-10	No								2019-12-11	12		2020-03-14	ND										
5073952	B02_01_B	B02_01_B	307	HAWKINS AVE	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-12	5													
5049760	B07_05_B	B07_05_B	4042	MURRAY AVE	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2019-12-11	2													
5060485	B05_02_B	B05_02_B	249	EDITH ST	Lead	Lead	PEX	Copper	2019-12-10	2019-12-10	No								2020-05-16	ND													
5055026	Ops	B06_03_B	1907	ST PAUL ST	Lead	Copper	PEX	Not Replaced	2019-12-11		No		Emergency						2019-12-18	ND													
5045728	B07_05_B	B07_05_B	848	LILAC ST	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2020-03-06	1.27													
5073679	B02_01_B	B02_01_B	2928	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-12	ND													
5059092	B05_02_A	B05_02_A	216	BOGGS AVE	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-19	ND													
5050381	B07_05_B	B07_05_B	4324	SALINE ST	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-13	7													
5073657	B02_01_B	B02_01_B	156	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-12	124		2020-01-14	ND										
5060458	B05_02_B	B05_02_B	256	EDITH ST	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-13	28													
5073481	B02_01_B	B02_01_B	3070	MARSHALL RD	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-13	ND													
5060112	B05_02_B	B05_02_B	306	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-13	50		2020-01-11	4.51										
5060115	B05_02_B	B05_02_B	1719	GREENLEAF ST	Lead	Copper	PEX	Not Replaced	2019-12-11		No								2020-05-08	ND													
5060456	B05_02_B	B05_02_B	252	EDITH ST	Lead	Lead	PEX	Copper	2019-12-11	2019-12-11	No								2019-12-12	2													
5046389	B07_05_B	B07_05_B	704	MELBOURNE ST	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2020-01-31	ND													
5050285	B07_05_B	B07_05_B	748	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2019-12-16	ND													
5049821	B07_05_B	B07_05_B	3537	BEECHWOOD BLVD	Lead	Copper	PEX	Not Replaced	2019-12-12		No								2019-12-16	ND													
5073701	B02_01_B	B02_01_B	200	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-12	2019-12-13	No	Yes							2019-12-17	4													
5073693	B02_01_B	B02_01_B	3005	MOUNT ALLISTER RD	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2019-12-13	14													
5039994	B07_05_B	B07_05_B	4313	SALINE ST	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2019-12-15	8													
5029600	CEP_02	CEP_02	134	WINSLOW ST	Lead	Lead	PEX	Copper	2019-12-12	2019-12-13	No	Yes							2019-12-14	3													
5037852	CEP_02	CEP_02	5886	HOBART ST	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2019-12-12	2													
5060111	B05_02_B	B05_02_B	310	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2019-12-13	ND													
5060141	B05_02_B	B05_02_B	309	FINGAL ST	Lead	Copper	PEX	Not Replaced	2019-12-12		No								2020-06-15	6.21													
5049719	B07_05_B	B07_05_B	4101	WINDSOR ST	Lead	Lead	PEX	Copper	2019-12-12	2019-12-12	No								2019-12-16	1.9													
5060281	B05_02_B	B05_02_B	246	EDITH ST	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-16	4													
5049816	B07_05_B	B07_05_B	3551	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-15	3													
5050301	B07_05_B	B07_05_B	784	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-14	5.55													
5073659	B02_01_B	B02_01_B	151	OAK PARK RD	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-20	2													
5058313	B05_02_A	B05_02_A	239	GRANDVIEW AVE	Lead	Copper	PEX	Not Replaced	2019-12-13		No								2019-12-16	4													
5049925	B07_05_B	B07_05_B	776	MELBOURNE ST	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-14	ND													
5049901	B07_05_B	B07_05_B	735	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-16	ND													
5073647	B02_01_B	B02_01_B	153	MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-13	2019-12-13	No								2019-12-18	2													
5060353	B05_02_B	B05_02_B	346	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2019-12-18	3													
5060360	B05_02_B	B05_02_B	339	FINGAL ST	Lead	Copper	PEX	Not Replaced	2019-12-16		No								2019-12-17	3													
5050157	B07_05_B	B07_05_B	4240	SALINE ST	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2020-01-14	2.38													
5073748	B02_01_B	B02_01_B	301	MILROY ST	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2020-02-07	1.31													
5073980	B02_01_B	B02_01_B	126	E KENNEDY AVE	Lead	Copper	PEX	Not Replaced	2019-12-16		No								2019-12-18	12		2020-03-13	ND										
5073681	B02_01_B	B02_01_B	3007	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2019-12-17	47.3		2020-03-11	ND										
5032338	Hamilton Ave Water Relay	Hamilton Ave Water Relay	7015	HAMILTON AVE APT 1	Lead	Lead	PEX	Copper	2019-12-16	2019-12-17	No	Yes							2019-12-17	10													
5045073	B07_05_B	B07_05_B	846	MONTEIRO ST	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2019-12-19	6.13													
5049807	B07_05_B	B07_05_B	3583	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2019-12-18	ND													
5045698	B07_05_B	B07_05_B	716	GRAPHIC ST	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2019-12-19	1.88													
5016840	CEP_02	CEP_02	340	45TH ST	Lead	Lead	PEX	Copper	2019-12-16	2019-12-16	No								2020-01-01	3.89													
5066318	Ops		1200	BUENA VISTA ST APT A	Lead	Copper	PEX	Not Replaced	2019-12-17		No		Emergency		2019-07-15	2019-07-29	ND		2020-02-28	ND													
5049808	B07_05_B	B07_05_B	3581	BEECHWOOD BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-17	2019-12-17	No								2020-02-04	ND													
5060361	B05_02_B	B05_02_B	345	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-17	2019-12-17	No								2019-12-19	ND													
5049856	B07_05_B	B07_05_B	4014	SALINE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-17	2019-12-17	No								2020-02-06	ND													
5073786	B02_01_B	B02_01_B	103	MARSHALL AVE	Lead	Copper	PEX	Not Replaced	2019-12-17		No								2019-12-18	1.77													
5073894	B02_01_B	B02_01_B	2718	LELAND ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-17	2019-12-17	No								2019-12-19	1													
5050297	B07_05_B	CEP_02	774	HAZELWOOD AVE	Copper	Lead	Not Replaced	Copper		2019-12-17	No								2020-02-02	ND													
5073500	B02_01_B	B02_01_B	3115	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-12-17	2019-12-17	No								2020-01-19	60.5		2020-02-23	28.3		2020-04-05	11.4		2020-09-22	8.11			

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5049923	B07_05_B	B07_05_B	782	MELBOURNE ST	Lead	Lead	PEX	Copper	2019-12-17	2019-12-17	No								2019-12-19	4													
5073661	B02_01_B	B02_01_B	141	OAK PARK RD	Lead	Lead	PEX	Copper	2019-12-17	2019-12-17	No								2020-01-02	ND													
5045051	B07_05_B	B07_05_B	821	FLEMINGTON ST	Lead	Lead	PEX	Copper	2019-12-17	2019-12-17	No								2020-02-14	1.71													
5073703	B02_01_B	B02_01_B	224	MARSHALL AVE	Lead	Copper	PEX	Not Replaced	2019-12-17		No								2019-12-19	ND													
5049887	B07_05_B	B07_05_B	752	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-17	2019-12-17	No								2019-12-20	3													
5059140	B05_02_A	B05_02_A	126	BOGGS AVE	Lead	Copper	PEX	Not Replaced	2019-12-17		No								2020-01-10	1.16													
5059149	B05_02_A	B05_02_A	151	BOGGS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-18	2019-12-18	No								2019-12-20	ND													
5050300	B07_05_B	B07_05_B	782	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2019-12-19	ND													
5060350	B05_02_B	B05_02_B	356	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2020-02-04	4.99													
5059096	B05_02_A	B05_02_A	206	BOGGS AVE	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2019-12-20	4													
5060843	B05_02_B	B05_02_B	441	SWEETBRIAR ST	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2019-12-25	ND													
5045055	B07_05_B	B07_05_B	813	FLEMINGTON ST	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2019-12-23	ND													
5073773	B02_01_B	B02_01_B	41	E MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2019-12-19	188		2020-01-23	10.5		2020-04-06	14.1		2020-10-06	2.99				
5049897	B07_05_B	B07_05_B	721	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-18	2019-12-18	No								2020-02-03	1.45													
5060831	B05_02_B	B05_02_B	409	SWEETBRIAR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-18	2019-12-18	No								2020-02-07	4.33													
5049852	B07_05_B	B07_05_B	4106	SALINE ST	Lead	Lead	PEX	Copper	2019-12-19	2019-12-19	No								2019-12-23	4.5													
5073482	B02_01_B	B02_01_B	3076	MARSHALL RD	Lead	Lead	PEX	Copper	2019-12-19	2019-12-19	No								2020-01-14	ND													
5060286	B05_02_B	B05_02_B	234	EDITH ST	Lead	Lead	PEX	Copper	2019-12-19	2019-12-19	No								2019-12-20	6													
5045049	B07_05_B	B07_05_B	831	FLEMINGTON ST	Lead	Lead	PEX	Copper	2019-12-19	2019-12-19	No								2020-02-14	31.9		2020-04-07	8.62											
5073775	B02_01_B	B02_01_B	2916	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-12-19	2019-12-19	No								2020-01-31	1.74													
5060854	B05_02_B	B05_02_B	266	PLYMOUTH ST	Lead	Copper	PEX	Not Replaced	2019-12-19		No								2019-12-20	ND													
5046805	B07_05_B	B07_05_B	616	LORETTA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-19	2019-12-19	No								2019-12-20	202		2019-12-21	ND											
5045053	B07_05_B	B07_05_B	817	FLEMINGTON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-20	2019-12-20	No								2020-05-04	1.07													
5050277	B07_05_B	B07_05_B	725	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-20	2019-12-20	No								2019-12-21	3.85													
5073483	B02_01_B	B02_01_B	3080	MARSHALL RD	Lead	Lead	PEX	Copper	2019-12-20	2019-12-20	No								2020-09-24	ND													
5060366	B05_02_B	B05_02_B	369	FINGAL ST	Lead	Lead	PEX	Copper	2019-12-20	2019-12-20	No								2019-12-21	4													
5050149	B07_05_B	B07_05_B	4220-4222	SALINE ST	Lead	Lead	PEX	Copper	2019-12-20	2019-12-20	No								2019-12-23	ND													
5046808	B07_05_B	B07_05_B	628	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-20	2019-12-20	No								2020-01-09	ND													
5046813	B07_05_B	B07_05_B	650	LORETTA ST	Lead	Lead	PEX	Copper	2019-12-21	2019-12-21	No								2019-12-22	30													
5022517	Ops	Urgent LSLR	5336	BUTLER ST	Lead	Lead	PEX	Copper	2019-12-23	2020-01-08	No	Yes	Emergency						2020-01-10	ND													
5073982	B02_01_B	B02_01_B	118	E KENNEDY AVE	Lead	Lead	PEX	Copper	2019-12-23	2019-12-23	No								2020-02-11	ND													
5050256	B07_05_B	B07_05_B	787	HAZELWOOD AVE	Lead	Copper	PEX	Not Replaced	2019-12-23		No								2019-12-27	ND													
5073664	B02_01_B	B02_01_B	2945	OAK PARK RD	Lead	Lead	PEX	Copper	2019-12-23	2019-12-23	No								2019-12-28	1.18													
5073632	B02_01_B	B02_01_B	2945	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-12-23	2019-12-23	No								2019-12-24	7													
5045064	B07_05_B	B07_05_B	812	MONTEIRO ST	Lead	Lead	PEX	Copper	2019-12-23	2019-12-23	No								2019-12-27	5.57													
5050260	B07_05_B	B07_05_B	773	HAZELWOOD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-24	2019-12-24	No								2019-12-24	ND													
5055181	B06_03_B	B06_03_B	1831	ARLINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-12-24		No								2019-12-29	3.41													
5049557	B07_05_B	B07_05_B	974	LILAC ST	Lead	Lead	PEX	Copper	2019-12-26	2019-12-26	No								2019-12-29	77.7													
5055182	B06_03_B	B06_03_B	1829	ARLINGTON AVE	Lead	Lead	PEX	Copper	2019-12-26	2019-12-26	No								2019-12-28	2.23													
5073636	B02_01_B	B02_01_B	2925	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-12-26	2019-12-26	No								2019-12-29	1.29													
5050263	B07_05_B	B07_05_B	767	HAZELWOOD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-27	2019-12-27	No								2020-01-28	ND													
5055538	B06_03_B	B06_03_B	1793	ARLINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-12-27		No								2019-12-30	ND													
5073983	B02_01_B	B02_01_B	116	E KENNEDY AVE	Lead	Lead	PEX	Copper	2019-12-27	2019-12-27	No								2019-12-30	1.06													
5074021	B02_01_B	B02_01_B	2812	VETERAN ST	Lead	Copper	PEX	Not Replaced	2019-12-27		No								2019-12-28	1.32													
5055414	B06_03_B	B06_03_B	2677	S 18TH ST EXT	Lead	Copper	PEX	Not Replaced	2019-12-27		No								2020-01-01	ND													
5073658	B02_01_B	B02_01_B	2914	NORWOOD AVE	Lead	Lead	PEX	Copper	2019-12-27	2019-12-27	No								2019-12-31	ND													
5060867	B05_02_B	B05_02_B	236	PLYMOUTH ST	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-01-02	ND													
5055411	B06_03_B	B06_03_B	2683	S 18TH ST EXT	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-02-24	2.34													
5045027	B07_05_B	B07_05_B	868	FLEMINGTON ST	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-01-02	2.92													
5050292	B07_05_B	B07_05_B	764	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-01-03	ND													
5059144	B05_02_A	B05_02_A	136	BOGGS AVE	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-01-04	ND													
5071977	B02_01_B	B02_01_B	2637	MAPLE AVE	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-01-02	2.08													
5073765	B02_01_B	B02_01_B	7	E MARSHALL AVE	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-01-01	ND													
5055418	B06_03_B	B06_03_B	2664	S 18TH ST EXT	Lead	Copper	PEX	Not Replaced	2019-12-30		No								2020-01-03	3.35													
5073779	B02_01_B	B02_01_B	2858	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2019-12-30	2019-12-30	No								2020-03-08	ND													
5060790	B05_02_B	B05_02_B	415	AUGUSTA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2019-12-31	2019-12-31	No								2020-01-02	10.2		2020-04-17	1.91											
5045025	B07_05_B	B07_05_B	862	FLEMINGTON ST	Lead	Lead	PEX	Copper	2019-12-31	2019-12-31	No								2020-01-01	2.12													
5050259	B07_05_B	B07_05_B	777	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-12-31	2019-12-31	No								2020-01-02	ND													
5055534	B06_03_B	B06_03_B	1777	ARLINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-12-31		No								2020-01-01	ND													
5055484	B06_03_B	B06_03_B	2605	QUARRY ST	Lead	Copper	PEX	Not Replaced	2019-12-31		No								2020-01-06	ND													
5055422	B06_03_B	B06_03_B	2658	S 18TH STREET EXT	Lead	Lead	PEX	Copper	2019-12-31	2020-01-02	No	Yes							2020-01-03	20.5		2020-04-08	6.83											
5060894	B05_02_B	B05_02_B	317	PLYMOUTH ST	Lead	Lead	PEX	Copper	2019-12-31	2019-12-31	No								2020-02-19	1.37													
5055474	B06_03_B	B06_03_B	2626	QUARRY ST	Lead	Lead	PEX	Copper	2020-01-02	2020-01-02	No								2020-01-02	9.36													
5073759	B02_01_B	B02_01_B	24	E MARSHALL AVE	Lead	Lead	PEX	Copper	2020-01-02	2020-01-02	No								2020-03-11	2.17													
5055021	B06_03_B	B06_03_B	1927	ST PAUL ST	Lead	Lead	PEX	Copper	2020-01-02	2020-01-02	No								2020-01-03	15.1													
5074117	B02_01_B	B02_01_B	2716	HAZELTON ST	Lead	Lead	PEX	Copper	2020-01-02	2020-01-02	No								2020-01-03	ND													
5060983	B05_02_B	B05_02_B	206	HALLOCK ST	Lead	Lead	PEX	Copper	2020-01-02	2020-01-02	No								2020-01-04	1.64													
5074053	B02_01_B	B02_01_B	2806	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2020-01-02		No								2020-02-17	4.5													
5073780	B02_01_B	B02_01_B	2854	PERRYSVILLE AVE	Lead	Copper	PEX	Not Replaced	2020-01-02		No								2020-01-03	1.07													
5074030	B02_01_B	B02_01_B	2652	VETERAN ST	Lead	Lead	PEX	Copper	2020-01-03	2020-01-03	No								2020-02-25	ND													
5055187	B06_03_B	B06_03_B	1809	ARLINGTON AVE	Lead	Lead	PEX	Copper	2020-01-03	2020-01-03	No								2020-01-05	105													
5055423	B06_03_B	B06_03_B	2650	S 18TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-06	2020-01-06	No								2020-01-07	3.02													
5055031	B06_03_B	B06_03_B	1904	SHAMOKIN ST	Lead	Lead	PEX	Copper	2020-01-06	2020-01-06	No								2020-02-28	10.8		2020-04-15	2.01		2020-04-15	2.01							
5061013	B05_02_B	B05_02_B	213	HALLOCK ST	Lead	Lead	PEX	Copper	2020-01-06	2020-01-06	No								2020-01-07	2.5													
5050034	B07_05_B	B07_05_B	996	LILAC ST	Lead	Lead	PEX	Copper	2020-01-06	2020-01-06	No								2020-01-07	ND													
5060580	B05_02_B	B05_02_B	212	PLYMOUTH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-06	2020-01-06	No								2020-01-21	ND													
5055188	B06_03_B	B06_03_B	1801	ARLINGTON AVE	Lead	Lead	PEX	Copper	2020-01-06	2020-01-07	No	Yes							2020-01-28	1.93													
5045033	B07_05_B	B07_05_B	886	FLEMINGTON ST	Lead	Lead	PEX	Copper	2020-01-06	2020-01-06	No								2020-01-07	5.69													
5055450	B06_03_B	B06_03_B	2625	S 18TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-06	2020-01-06	No								2020-01-07	ND													
5060579	B05_02_B	B05_02_B	206	PLYMOUTH ST	Lead	Copper	PEX	Not Replaced	2020-01-06		No								2020-01-07	1.59													
5060591	B05_02_B	B05_02_B	169	PLYMOUTH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-06	2020-01-06	No								2020-01-08	1.51													
5064175	Ops	Urgent LSLR	1421	W NORTH AVE	Lead	Lead	PEX	Copper	2020-01-07	2021-01-11	No	Yes	Emergency						2021-01-16	ND													
5050271	B07_05_B	B07_05_B	739	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2020-01-07	2020-01-07	No								2020-01-08	1.14													
5074028	B02_01_B	B02_01_B	2656	VETERAN ST	Lead	Lead	PEX	Copper	2020-01-07	2020-01-07	No								2020-02-20	ND													
5055048	B06_03_B	B06_03_B	1926	HURON ST	Lead	Copper	PEX	Not Replaced	2020-01-07		No								2020-01-07	ND													
5074079	B02_01_B	B02_01_B	2809	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2020-01-07	2020-01-07	No								2020-01-08	7													
5073781	B02_01_B	B02_01_B	2846	PERRYSVILLE AVE	Lead	Lead	PEX	Copper	2020-01-07	2020-01-07	No								2020-01-09	23.2													
5060864	B05_02_B	B05_02_B	242	PLYMOUTH ST	Lead	Lead	PEX	Copper	2020-01-08	2020-01-08	No								2020-01-10	3.13													
5061015	B05_02_B	B05_02_B	219	HALLOCK ST	Lead	Lead	PEX	Copper	2020-01-08	2020-01-08	No								2020-01-27	ND													
5060227	B05_02_B	B05_02_B	261	SEWARD ST	Lead	Lead	PEX	Copper	2020-01-08	2020-01-08	No								2020-01-10	ND													
5055044	B06_03_B	B06_03_B	1934	HURON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-08	2020-01-08	No								2020-01-12	7.97													
5045715	B07_05_B	B07_05_B	816	LILAC ST	Lead	Lead	PEX	Copper	2020-01-08	2020-01-08	No								2020-01-09	ND													
5076352	B13_01_A	B13_01_A	2711	PITLER ST	Lead	Copper	PEX	Not Replaced	2020-01-08		No								2020-01-09	14.5		2020-04-10	3.65		2020-04-10	3.65							
5049992	B07_05_B	B07_05_B	998	GREENFIELD AVE	Lead	Copper	PEX	Not Replaced	2020-01-08		No								2020-02-27	1.4													
5071256	B08_06_B	CEP_02	2024	PERRYSVILLE AVE	Copper	Lead	Not Replaced	Copper		2020-01-08	No								2020-01-11	ND													
5060583	B05_02_B	B05_02_B	211	PLYMOUTH ST	Lead	Lead	PEX	Copper	2020-01-08	2020-01-08	No								2020-01-09	1.01													
5055459	B06_03_B	B06_03_B	2603	S 18TH STREET EXT	Lead	Copper	PEX	Not Replaced	2020-01-09		No								2020-01-13	4.42													
5076872	B13_01_A	B13_01_A	1307	SUPERIOR AVE	Lead	Lead	PEX	Copper	2020-01-09	2020-01-09	No								2020-02-26	7.88													
5060089	B05_02_B	B05_02_B	1814	GREENLEAF ST	Lead	Lead	PEX	Copper	2020-01-09	2020-01-09	No								2020-02-26	ND													
5049553	B07_05_B	B07_05_B	964	LILAC ST	Lead	Lead	PEX	Copper	2020-01-09	2020-01-09	No								2020-01-10	ND													
5073769	B02_01_B	B02_01_B	23	E MARSHALL AVE	Lead	Lead	PEX	Copper	2020-01-09	2020-01-09	No								2020-01-12	6.24													
5060488	B05_02_B	B05_02_B	240	AUGUSTA ST	Lead	Lead	PEX	Copper	2020-01-09	2020-01-09	No								2020-02-27	ND													
5045043	B07_05_B	B07_05_B	847	FLEMINGTON ST	Lead	Lead Tailpiece	Copper	Copper Tailpiece	2020-01-10	2020-01-10	No								2020-01-13	ND		2020-02-04	ND											

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5045716	B07_05_B	B07_05_B	818	LILAC ST	Lead	Copper	PEX	Not Replaced	2020-01-10		No								2020-03-02	ND													
5050049	B07_05_B	B07_05_B	4221	WINDSOR ST	Lead	Lead	PEX	Copper	2020-01-10	2020-01-10	No								2020-01-10	2.28													
5055509	B06_03_B	B06_03_B	1041	MOUNT OLIVER ST	Lead	Copper	PEX	Not Replaced	2020-01-10		No								2020-03-02	ND													
5055406	B06_03_B	B06_03_B	1015	MOUNT OLIVER ST	Lead	Copper	PEX	Not Replaced	2020-01-10		No								2020-01-11	ND													
5078493	B13_01_A	B13_01_A	3245	BAINTON ST	Lead	Copper	PEX	Not Replaced	2020-01-13		No								2020-01-14	186		2020-03-05	3.3										
5060207	B05_02_B	B05_02_B	240	SEWARD ST	Lead	Lead	PEX	Copper	2020-01-13	2020-01-13	No								2020-01-14	1.08													
5077089	B13_01_A	B13_01_A	1521	SUPERIOR AVE	Lead	Copper	PEX	Not Replaced	2020-01-13		No								2020-01-16	2.42													
5060584	B05_02_B	B05_02_B	209	PLYMOUTH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-13	2020-01-13	No								2020-01-13	5.31													
5018788	CEP_02	CEP_02	4711	KINCAID ST	Lead	Lead	PEX	Copper	2020-01-13	2020-01-13	No								2020-01-17	1.45													
5059688	B05_02_B	B05_02_B	411	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-13	2020-01-13	No								2020-01-20	8.74													
5060201	B05_02_B	B05_02_B	258	SEWARD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-14	2020-01-14	No								2020-02-05	4.45													
5059697	B05_02_B	B05_02_B	455	ONEIDA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-14	2020-01-14	No								2020-01-15	ND													
5055512	B06_03_B	B06_03_B	1047	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-01-14	2020-01-14	No								2020-01-15	ND													
5059714	B05_02_B	B05_02_B	420	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-14	2020-01-14	No								2020-01-16	4.14													
5050045	B07_05_B	B07_05_B	4207	WINDSOR ST	Lead	Lead	PEX	Copper	2020-01-14	2020-01-14	No								2020-01-22	ND													
5055508	B06_03_B	B06_03_B	2730	S 18TH STREET EXT	Lead	Copper	PEX	Not Replaced	2020-01-14		No								2020-01-14	ND													
5060874	B05_02_B	B05_02_B	217	PLYMOUTH ST	Lead	Lead	PEX	Copper	2020-01-14	2020-01-14	No								2020-01-16	8.57													
5076534	B13_01_A	B13_01_A	2919	SHADELAND AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-15	2020-01-15	No								2020-01-16	ND													
5055510	B06_03_B	B06_03_B	2734	S 18TH STREET EXT	Lead	Lead	PEX	Copper	2020-01-15	2020-01-15	No								2020-01-16	1.28		2020-01-16	2.69										
5076492	B13_01_A	B13_01_A	3009	SHADELAND AVE	Lead	Lead	PEX	Copper	2020-01-15	2020-01-15	No								2020-01-23	2.85													
5059696	B05_02_B	B05_02_B	445	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-15	2020-01-15	No								2020-01-16	16		2020-06-24	9.99										
5076195	B13_01_A	B13_01_A	1506	FORSYTHE ST	Lead	Copper	PEX	Not Replaced	2020-01-15		No								2020-01-17	3.27													
5055023	B06_03_B	B06_03_B	1913	ST PAUL ST	Lead	Lead	PEX	Copper	2020-01-15	2020-01-17	No	Yes							2020-01-18	9.15													
5060882	B05_02_B	B05_02_B	259	PLYMOUTH ST	Lead	Lead	PEX	Copper	2020-01-15	2020-01-15	No								2020-01-25	ND													
5059695	B05_02_B	B05_02_B	443	ONEIDA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-15	2020-01-15	No								2020-01-27	1.09													
5060590	B05_02_B	B05_02_B	171	PLYMOUTH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-16	2020-01-16	No								2020-03-09	ND													
5003733	B14_03_A	B14_03_A	336	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-16	2020-01-16	No								2020-01-17	9.37													
5050380	B07_05_B	B07_05_B	4328	SALINE ST	Lead	Copper	PEX	Not Replaced	2020-01-16		No								2020-02-29	ND													
5055505	B06_03_B	B06_03_B	1034	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-01-16	2020-01-16	No								2020-01-23	ND													
5076932	B13_01_A	B13_01_A	2706	SHADELAND AVE	Lead	Copper	PEX	Not Replaced	2020-01-16		No								2020-01-17	ND													
5060405	B05_02_B	B05_02_B	321	SEWARD ST	Lead	Copper	PEX	Not Replaced	2020-01-16		No								2020-01-21	ND													
5059709	B05_02_B	B05_02_B	438	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-16	2020-01-16	No								2020-01-16	11.1		2020-01-29	ND										
5054957	B06_03_B	B06_03_B	1942	S 18TH ST	Lead	Copper	PEX	Not Replaced	2020-01-17		No								2020-01-22	6.22													
5078591	B13_01_A	B13_01_A	3147	LECKY AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-17	2020-01-17	No								2020-03-07	ND													
5079432	B13_01_A	B13_01_A	3018	SHADELAND AVE	Lead	Lead	PEX	Copper	2020-01-17	2020-01-17	No								2020-01-19	ND													
5055250	B06_03_B	B06_03_B	1116	E WARRINGTON AVE	Lead	Lead	PEX	Copper	2020-01-17	2020-01-17	No								2020-01-20	ND													
5007455	CEP_02	CEP_02	808	ANAHEIM ST	Lead	Copper	PEX	Not Replaced	2020-01-17		No								2020-01-22	ND													
5055357	B06_03_B	B06_03_B	2410	S 18TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-20	2020-01-20	No								2020-01-24	19.4													
5004572	B14_03_B	B14_03_B	3415	DAWSON ST	Lead	Lead	PEX	Copper	2020-01-20	2020-01-20	No								2020-01-20	1.6		2020-01-21	1.3										
5079438	B13_01_A	B13_01_A	3036	SHADELAND AVE	Lead	Lead	PEX	Copper	2020-01-20	2020-01-20	No								2020-01-22	2.01													
5076485	B13_01_A	B13_01_A	1317	OAKHILL ST	Lead	Copper	PEX	Not Replaced	2020-01-20		No								2020-01-22	1.69													
5076480	B13_01_A	B13_01_A	1331	OAKHILL ST	Lead	Copper	PEX	Not Replaced	2020-01-20		No								2020-01-21	1.25													
5055356	B06_03_B	B06_03_B	166	SAINT PAUL ST	Lead	Copper	PEX	Not Replaced	2020-01-20		No								2020-01-22	1.18													
5059698	B05_02_B	B05_02_B	457	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-20	2020-01-20	No								2020-01-21	28.3		2020-04-22	ND										
5078464	B13_01_A	B13_01_A	3222	MCCLURE AVE	Lead	Copper	PEX	Not Replaced	2020-01-20		No								2020-02-02	2.42													
5055300	B06_03_B	B06_03_B	3	ST THOMAS ST	Lead	Lead	PEX	Copper	2020-01-20	2020-01-20	No								2020-01-22	2.52													
5059675	B05_02_B	B05_02_B	332	ONEIDA ST	Lead Tailpiece	Lead	PEX	Copper	2020-01-20	2020-01-20	No								2020-01-21	ND													
5077025	B13_01_B	B13_01_B	2521	BRIGHTON RD	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-01-22	2.05													
5060577	B05_02_B	B05_02_B	186	PLYMOUTH ST	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-01-23	65.3		2020-05-12	ND										
5055629	CEP_02	CEP_02	450	KATHLEEN ST	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-01-23	6.33													
5078647	B13_01_A	B13_01_A	1344	OAKHILL ST	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-08-29	1.34													
5003634	B14_03_A	B14_03_A	319	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-02-29	ND													
5078565	B13_01_A	B13_01_A	3155	MCCLURE AVE	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-01-23	2.42													
5055245	B06_03_B	B06_03_B	1	REGINA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-21	2020-01-21	No								2020-01-24	1.64													
5004571	B14_03_B	B14_03_B	3411	DAWSON ST	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-01-22	3.52													
5060203	B05_02_B	B05_02_B	254	SEWARD ST	Lead	Copper	PEX	Not Replaced	2020-01-21		No								2020-01-22	ND													
5060899	B05_02_B	B05_02_B	308	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-21	2020-01-21	No								2020-01-25	ND													
5055340	B06_03_B	B06_03_B	4	SAINT PAUL ST	Lead	Lead	PEX	Copper	2020-01-22	2020-01-22	No								2020-01-23	ND													
5078606	B13_01_A	B13_01_A	112	LECKY AVE	Lead	Copper	PEX	Not Replaced	2020-01-22		No								2020-01-25	ND													
5078590	B13_01_A	B13_01_A	3136	MCCLURE AVE	Lead	Lead	PEX	Copper	2020-01-22	2020-01-22	No								2020-01-26	1.34													
5055249	B06_03_B	B06_03_B	1118	E WARRINGTON AVE	Lead	Lead	PEX	Copper	2020-01-22	2020-01-22	No								2020-01-23	1.14													
5055196	B06_03_B	B06_03_B	1025	ST MARTIN ST	Lead	Lead	PEX	Copper	2020-01-22	2020-01-22	No								2020-03-15	ND													
5077021	B13_01_B	B13_01_B	1113	HODGKISS ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-22	2020-01-22	No								2020-01-25	ND													
5059804	B05_02_B	B05_02_B	454	HALLOCK ST	Lead	Lead	PEX	Copper	2020-01-22	2020-01-22	No								2020-01-25	ND													
5073627	B02_01_B	CEP_02	3024	PERRYSVILLE AVE	Copper	Lead	Not Replaced	Copper		2020-01-22	No								2020-01-23	2.99													
5059802	B05_02_B	B05_02_B	458	HALLOCK ST	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-01-24	ND													
5003744	B14_03_A	B14_03_A	357	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-01-24	19.3		2020-01-28	ND										
5055191	B06_03_B	B06_03_B	1009	ST MARTIN ST	Lead	Copper	PEX	Not Replaced	2020-01-23		No								2020-01-24	1.09													
5079412	B13_01_A	B13_01_A	3109	SHADELAND AVE	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-01-24	1.93													
5076488	B13_01_A	B13_01_A	3019	SHADELAND AVE	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-01-24	ND													
5004581	B14_03_B	B14_03_B	3436	DAWSON ST	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-01-25	10.9													
5055200	B06_03_B	B06_03_B	1029	E WARRINGTON AVE	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-02-26	ND													
5004580	B14_03_B	B14_03_B	3438	DAWSON ST	Lead	Copper	PEX	Not Replaced	2020-01-23		No								2020-01-24	9.38													
5003734	B14_03_A	B14_03_A	335	COLTART AVE	Lead	Copper	PEX	Not Replaced	2020-01-23		No								2020-01-26	ND													
5060606	B05_02_B	B05_02_B	182	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-23	2020-01-23	No								2020-01-26	11.6		2020-04-24	1.71										
5060918	B05_02_B	B05_02_B	305	ONEIDA ST	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2020-01-23	2020-01-23	No								2020-01-24	ND													
5047310	Ops	Urgent LSLR	35	PRESCOTT ST	Lead	Lead	PEX	Copper	2020-01-25	2020-01-31	No	Yes	Emergency						2020-02-01	ND													
5055088	B06_03_B	B06_03_B	58	ROSCOE ST	Lead	Copper	PEX	Not Replaced	2020-01-27		No								2020-01-28	1.59													
5060898	B05_02_B	B05_02_B	312	ONEIDA ST	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2020-01-27	2020-01-27	No								2020-01-30	ND													
5076981	B13_01_B	B13_01_B	2617	STAYTON ST	Lead	Copper	PEX	Not Replaced	2020-01-27		No								2020-03-29	ND													
5055417	B06_03_B	B06_03_B	2666	S 18TH STREET EXT	Lead	Lead	PEX	Copper	2020-01-27	2020-01-28	No	Yes							2020-01-29	ND													
5003743	B14_03_A	B14_03_A	353	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-27	2020-01-27	No								2020-01-28	7.58													
5078655	B13_01_A	B13_01_A	1372	OAKHILL ST	Lead	Copper	Copper	Not Replaced	2020-01-27		No								2020-01-28	14.5		2020-10-26	ND										
5078654	B13_01_A	B13_01_A	1368	OAKHILL ST	Lead	Copper	PEX	Not Replaced	2020-01-27		No								2020-01-28	5.04													
5061596	CEP_02	CEP_02	724	WILLS ST	Copper	Lead	Not Replaced	Copper		2020-01-27	No								2020-01-30	75.3													
5060716	B05_02_B	B05_02_B	174	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-27	2020-01-27	No								2020-01-29	1.97													
5055528	B06_03_B	B06_03_B	1741	ARLINGTON AVE	Lead	Lead	PEX	Copper	2020-01-27	2020-01-27	No			Emergency					2020-02-06	4.04													
5006095	CEP_02	CEP_02	639	KIRKPATRICK ST	Lead	Lead	PEX	Copper	2020-01-27	2020-01-27	No								2020-07-26	1.5													
5059838	B05_02_B	B05_02_B	460	HALLOCK ST	Lead	Lead	PEX	Copper	2020-01-27	2020-01-27	No								2020-02-22	ND													
5055237	B06_03_B	B06_03_B	1103	ST MARTIN ST	Lead	Lead	PEX	Copper	2020-01-27	2020-01-27	No								2020-03-02	ND													
5060905	B05_02_B	B05_02_B	240	ONEIDA ST	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2020-01-28	2020-01-28	No								2020-03-06	ND													
5060919	B05_02_B	B05_02_B	311	ONEIDA ST	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2020-01-28	2020-01-28	No								2020-02-15	ND													
5076964	B13_01_B	B13_01_B	1230	THELMA ST	Lead	Lead	PEX	Copper	2020-01-28	2020-01-28	No								2020-01-28	8.88													
5059762	B05_02_B	B05_02_B	1106	VIRGINIA AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-28	2020-01-28	No								2020-01-29	ND													
5078442	B13_01_A	B13_01_A	1341	WOODS RUN AVE	Lead	Copper	PEX	Not Replaced	2020-01-28		No								2020-01-28	ND													
5003659	B14_03_A	B14_03_A	318	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-28	2020-01-28	No								2020-02-05	4.04													
5077062	B13_01_B	B13_01_B	2635	BRIGHTON RD	Lead	Lead	PEX	Copper	2020-01-28	2020-01-28	No								2020-01-30	36.5		2020-04-23	ND										
5059761	B05_02_B	B05_02_B	1108	VIRGINIA AVE	Lead	Copper	PEX	Not Replaced	2020-01-28		No								2020-01-29	1.01													
5079142	B13_01_B	B13_01_B	1221	COURTRIGHT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-29	2020-01-29	No								2020-02-10	ND													
5060928	B05_02_B	B05_02_B	237	ONEIDA ST	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2020-01-29	2020-01-29	No								2020-01-29	3.88													
5077045	B13_01_B	B13_01_B	2624	STAYTON ST	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-01-30	2.87													
5004058	B14_03_B	B14_03_B	3619	PARKVIEW AVE	Lead	Copper	PEX	Not Replaced	2020-01-29		No								2020-02-12	10													
5004059	B14_03_B	B14_03_B	3617	PARKVIEW AVE	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-02-01	2.86													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5005149	CEP_02	CEP_02	3718	ORPWOOD ST	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-01-29	7.04													
5055241	B06_03_B	B06_03_B	1117	ST MARTIN ST	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-02-05	3.78													
5076486	B13_01_A	B13_01_A	1313	OAKHILL ST	Lead	Copper	PEX	Not Replaced	2020-01-29		No								2020-01-29	2.66													
5060435	B05_02_B	B05_02_B	313	CLARENCE ST	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-01-30	2.84													
5003655	B14_03_A	B14_03_A	306	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-03-19	ND													
5004491	B14_03_B	B14_03_B	3427	WARD ST	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-03-18	5.23													
5059758	B05_02_B	B05_02_B	1114	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-02-03	1.99													
5076990	B13_01_B	B13_01_B	1226	SUPERIOR AVE	Lead	Copper	PEX	Not Replaced	2020-01-29		No								2020-01-30	ND													
5077029	B13_01_B	B13_01_B	2607	BRIGHTON RD	Lead	Lead	PEX	Copper	2020-01-29	2020-01-29	No								2020-02-02	ND													
5004076	B14_03_B	B14_03_B	3616	PARKVIEW AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-01-30	2020-01-30	No								2020-01-31	7.89													
5059818	B05_02_B	B05_02_B	1121	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-02-01	3.43													
5076701	B13_01_B	B13_01_B	2711	STAYTON ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-01-31	3.31													
5003391	B14_03_A	B14_03_A	319	ATWOOD ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-01-31	1.29													
5055238	B06_03_B	B06_03_B	1105	ST MARTIN ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-02-01	ND													
5060913	B05_02_B	B05_02_B	208	ONEIDA ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-02-01	ND		2020-02-02	ND										
5003663	B14_03_A	B14_03_A	330	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-01-31	20.8		2020-04-30	ND										
5077063	B13_01_B	B13_01_B	2637	BRIGHTON RD	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-01-31	1.46													
5060429	B05_02_B	B05_02_B	343	CLARENCE ST	Lead	Copper	PEX	Not Replaced	2020-01-30		No								2020-01-31	10													
5004369	B14_03_B	B14_03_B	3426	WARD ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-01-31	12.2													
5002307	CEP_02	CEP_02	26	GAZZAM ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-01-31	1.58													
5055079	B06_03_B	B06_03_B	1808	BALDAUF ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-30	No								2020-03-12	ND													
5003390	B14_03_A	B14_03_A	317	ATWOOD ST	Lead	Copper	PEX	Not Replaced	2020-01-30		No								2020-01-31	ND													
5026622	CEP_02	CEP_02	525	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-01-30	2020-01-31	No	Yes							2020-02-08	ND													
5003363	B14_03_A	B14_03_A	300	ATWOOD ST	Lead	Lead	PEX	Copper	2020-01-31	2020-01-31	No								2020-02-03	1.57													
5003732	B14_03_A	B14_03_A	340	COLTART AVE	Lead	Lead	PEX	Copper	2020-01-31	2020-01-31	No								2020-02-01	ND		2020-02-02	ND										
5004368	B14_03_B	B14_03_B	3428	WARD ST	Lead	Lead	PEX	Copper	2020-01-31	2020-01-31	No								2020-02-01	15.5													
5077064	B13_01_B	B13_01_B	2639	BRIGHTON RD	Lead	Lead	PEX	Copper	2020-01-31	2020-01-31	No								2020-02-02	2.26													
5003348	B14_03_A	B14_03_A	324	ATWOOD ST	Lead	Lead	Copper	Copper	2020-01-31	2020-01-31	No								2020-02-01	1.63													
5078465	B13_01_A	B13_01_A	3220	MCCLURE AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-03	2020-02-03	No								2020-04-08	1.27													
5076873	B13_01_A	B13_01_A	1305	SUPERIOR AVE	Lead	Lead	PEX	Copper	2020-02-03	2020-02-03	No								2020-02-03	80.1		2020-02-11	ND										
5079127	B13_01_B	B13_01_B	3136	FREDERICK ST	Lead	Copper	PEX	Not Replaced	2020-02-03		No								2020-02-03	5.14													
5059756	B05_02_B	B05_02_B	335	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-03	2020-02-03	No								2020-02-04	3.84													
5004584	B14_03_B	B14_03_B	3430	DAWSON ST	Lead	Copper	PEX	Not Replaced	2020-02-03		No								2020-04-26	ND													
5060958	B05_02_B	B05_02_B	215	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-03	2020-02-03	No								2020-02-04	8.16													
5059759	B05_02_B	B05_02_B	1112	VIRGINIA AVE	Lead	Copper	PEX	Not Replaced	2020-02-03		No								2020-02-04	ND													
5060214	B05_02_B	B05_02_B	200	SEWARD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-03	2020-02-03	No								2020-02-05	ND													
5060929	B05_02_B	B05_02_B	235	ONEIDA ST	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2020-02-04	2020-02-04	No								2020-03-23	ND													
5060965	B05_02_B	B05_02_B	239	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-04	2020-02-04	No								2020-03-24	ND													
5076489	B13_01_A	B13_01_A	3021	SHADELAND AVE	Lead	Lead	PEX	Copper	2020-02-04	2020-02-04	No								2020-02-06	55.5		2020-02-21	6.33										
5076713	B13_01_B	B13_01_B	2714	STAYTON ST	Lead	Copper	PEX	Not Replaced	2020-02-04		No								2020-03-23	3.86													
5060200	B05_02_B	B05_02_B	201	REPUBLIC ST	Lead	Lead	PEX	Copper	2020-02-04	2020-02-04	No								2020-02-05	52.5		2020-05-07	ND										
5003672	B14_03_A	B14_03_A	3415	LOUISA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-05	2020-02-05	No								2020-02-29	ND													
5076723	B13_01_B	B13_01_B	2721	MCDOWELL ST	Lead	Lead	PEX	Copper	2020-02-05	2020-02-05	No								2020-02-05	1.17													
5059763	B05_02_B	B05_02_B	1104	VIRGINIA AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-05	2020-02-05	No								2020-02-05	ND													
5003401	B14_03_A	B14_03_A	343	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-05	2020-02-05	No								2020-02-07	21.8		2020-05-06	9.53										
5060967	B05_02_B	B05_02_B	243	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-05	2020-02-05	No								2020-02-06	ND													
5055144	B06_03_B	B06_03_B	1715	MARCUS WAY	Lead	Galvanized Iron	PEX	Copper	2020-02-05	2020-02-05	No								2020-02-06	ND													
5076604	B13_01_B	B13_01_B	2935	BREKER ST	Lead	Lead	PEX	Copper	2020-02-05	2020-02-05	No								2020-03-23	1.27													
5076951	B13_01_B	B13_01_B	1205	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-05	2020-02-05	No								2020-02-18	6.05													
5060261	B05_02_B	B05_02_B	1619	RUTLEDGE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-05	2020-02-05	No								2020-02-09	1.6													
5076697	B13_01_B	B13_01_B	1202	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-05	2020-02-05	No								2020-02-05	262													
5076669	B13_01_B	B13_01_B	2903	STAYTON ST	Lead	Copper	PEX	Not Replaced	2020-02-05		No								2020-02-05	ND													
5060941	B05_02_B	B05_02_B	228	MERIDAN ST	Lead	Copper	PEX	Not Replaced	2020-02-05		No								2020-02-07	3.05													
5076615	B13_01_B	B13_01_B	2821	BREKER ST	Lead	PEX	PEX	Not Replaced	2020-02-05		No								2020-03-23	1.38													
5059672	B05_02_B	B05_02_B	1314	VIRGINIA AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-05	2020-02-05	No								2020-02-10	5.06													
5002833	Ops	Urgent LSLR	203	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-08	No	Yes	Emergency						2020-03-29	1.21													
5060517	B05_02_B	B05_02_B	335	AUGUSTA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-06	2020-02-06	No								2020-02-08	1.53													
5003428	B14_03_A	B14_03_A	327	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-07	7.87													
5004055	B14_03_B	B14_03_B	11	OAKLAND SQ	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-08	3.53		2020-02-10	ND		2020-02-11	22.4							
5079502	B13_01_B	B13_01_B	3045	WADLOW ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-11	ND													
5003999	B14_03_B	B14_03_B	412	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-08	1.55													
5076922	B13_01_B	B13_01_B	1242	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-10	409		2020-03-19	ND										
5059748	B05_02_B	B05_02_B	312	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-12	16.2		2020-05-06	ND										
5055428	B06_03_B	B06_03_B	216	WACHTER ST	Lead	Copper	PEX	Not Replaced	2020-02-06		No								2020-02-07	ND													
5076607	B13_01_B	B13_01_B	2921	BREKER ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-10	1.44													
5060691	B05_02_B	B05_02_B	131	COHASSET ST	Lead	Lead	PEX	Copper	2020-02-06	2020-02-06	No								2020-02-07	ND													
5059670	B05_02_B	B05_02_B	1318	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-07	2020-02-07	No								2020-02-10	4.45													
5003673	B14_03_A	B14_03_A	255	HALKET PL	Lead	Lead	PEX	Copper	2020-02-08	2020-02-08	No								2020-02-09	2.79													
5078488	B13_01_A	B13_01_A	3261	BAINTON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-10	2020-02-10	No								2020-04-06	ND													
5059668	B05_02_B	B05_02_B	1322	VIRGINIA AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-10	2020-02-10	No								2020-02-16	8.17													
5004056	B14_03_B	B14_03_B	13	OAKLAND SQ	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No									1.18													
5003340	B14_03_A	B14_03_A	342	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-14	1.38													
5076637	B13_01_B	B13_01_B	3003	WADLOW ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-14	ND													
5076939	B13_01_B	B13_01_B	1247	DICKSON ST	Lead	Copper	PEX	Not Replaced	2020-02-10		No								2020-02-13	4.1													
5061894	B05_02_B	B05_02_B	546	HALLOCK ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-13	ND													
5060544	B05_02_B	B05_02_B	1518	WELL ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-11	2.13													
5055430	B06_03_B	CEP_02	207	WACHTER ST	Copper	Lead	Not Replaced	Copper		2020-02-10	No								2020-04-03	ND													
5060696	B05_02_B	B05_02_B	136	COHASSET ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-10	4.22													
5060543	B05_02_B	B05_02_B	1520	WELL ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-12	2.18													
5079506	B13_01_B	B13_01_B	3025	WADLOW ST	Lead	Lead	PEX	Copper	2020-02-10	2020-02-10	No								2020-02-12	ND													
5003367	B14_03_A	B14_03_A	254	ATWOOD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-11	2020-02-11	No								2020-02-12	ND													
5076612	B13_01_B	B13_01_B	2901	BREKER ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-02-15	1.28													
5076624	B13_01_B	B13_01_B	2822	BREKER ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-02-12	2.86													
5003366	B14_03_A	B14_03_A	258	ATWOOD ST	Lead	Copper	PEX	Not Replaced	2020-02-11		No								2020-02-12	ND													
5076707	B13_01_B	B13_01_B	1124	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-10-27	ND													
5076611	B13_01_B	B13_01_B	2903	BREKER ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-03-30	ND													
5004053	B14_03_B	B14_03_B	7	OAKLAND SQ	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-11	2020-02-11	No								2020-02-24	ND													
5004372	B14_03_B	B14_03_B	3420	WARD ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No									42.6													
5003746	B14_03_A	B14_03_A	367	COLTART AVE	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-02-12	6.72													
5003369	B14_03_A	B14_03_A	250	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-02-13	2.3													
5059673	B05_02_B	B05_02_B	1312	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-02-24	3.54													
5060692	B05_02_B	B05_02_B	146	COHASSET ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	No								2020-02-19	2.27													
5061882	B05_02_B	B05_02_B	529	MERIDAN ST	Lead	Copper	PEX	Not Replaced	2020-02-11		No								2020-02-13	ND													
5076656	B13_01_B	B13_01_B	1214	DICKSON ST	Lead	Lead	PEX	Copper	2020-02-12	2020-02-12	No								2020-02-13	5.48													
5004086	B14_03_B	B14_03_B	16	OAKLAND SQ	Lead	Lead	PEX	Copper	2020-02-12	2020-02-12	No								2020-03-02	1.67													
5077047	B13_01_B	B13_01_B	1137	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-12	2020-02-12	No								2020-02-13	1.27													
5076627	B13_01_B	B13_01_B	2900	BREKER ST	Lead	Lead	PEX	Copper	2020-02-12	2020-02-12	No								2020-02-13	1.54													
5079509	B13_01_B	B13_01_B	3011	WADLOW ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-12	2020-02-12	No								2020-02-13	1.18													
5060419	B05_02_B	B05_02_B	344	CLARENCE ST	Lead	Lead	PEX	Copper	2020-02-12	2020-02-12	No								2020-03-04	ND													
5060970	B05_02_B	B05_02_B	305	MERIDAN ST	Lead	Copper	PEX	Not Replaced	2020-02-12		No								2020-02-18	1.24													
5059723	B05_02_B	B05_02_B	1317	VIRGINIA AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-12	2020-02-12	No								2020-02-13	10.2		2020-02-19	2.32										
5120016	B05_02_B	B05_02_B	309	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-13	2020-02-13	No								2020-02-14	2.88													
5003341	B14_03_A	B14_03_A	340	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-13	2020-02-13	No								2020-02-20	1.15													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5004482	B14_03_B	B14_03_B	3407	WARD ST	Lead	Lead	PEX	Copper	2020-02-13	2020-02-13	No								2020-02-24	ND													
5004028	B14_03_B	B14_03_B	519	SEMPLE ST	Lead	Lead	PEX	Copper	2020-02-13	2020-02-13	No								2020-02-14	ND													
5060116	B05_02_B	B05_02_B	1733	GREENLEAF ST	Lead	Lead	PEX	Copper	2020-02-13	2020-02-13	No								2020-02-13	3.45													
5002130	CEP_02	CEP_02	219	DINWIDDIE ST	Copper	Lead	Not Replaced	Copper		2020-02-13	No								2020-04-02	1.87													
5003696	B14_03_A	B14_03_A	305	HALKET ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-13	2020-02-13	No								2020-02-16	ND													
5004516	B14_03_B	B14_03_B	17	WELLSFORD ST	Lead	Lead	PEX	Copper	2020-02-14	2020-02-14	No								2020-02-15	1.57													
5004517	B14_03_B	B14_03_B	15	WELLSFORD ST	Lead	Lead	PEX	Copper	2020-02-14	2020-02-14	No								2020-02-15	ND		2020-02-15	1.91		2020-02-15	ND							
5003371	B14_03_A	B14_03_A	246	ATWOOD ST	Lead	Lead	PEX	Copper	2020-02-15	2020-02-15	No								2020-02-15	11.7		2020-02-16	ND										
5003693	B14_03_A	B14_03_A	239	HALKET ST	Lead	Lead	PEX	Copper	2020-02-15	2020-02-15	No								2020-02-18	ND													
5003684	B14_03_A	B14_03_A	221	HALKET ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-17	2020-02-17	No								2020-04-08	ND													
5076640	B13_01_B	B13_01_B	3001	VENSEL WAY	Lead	Lead	PEX	Copper	2020-02-17	2020-02-17	No								2020-03-08	3.84													
5076709	B13_01_B	B13_01_B	1130	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-17	2020-02-17	No								2020-02-17	19		2020-05-23	13.8										
5076619	B13_01_B	B13_01_B	2813	BREKER ST	Lead	Lead	PEX	Copper	2020-02-17	2020-02-17	No								2020-02-24	6.07													
5079534	B13_01_B	B13_01_B	3020	VENSEL WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-17	2020-02-17	No								2020-02-18	7.62													
5060937	B05_02_B	B05_02_B	246	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-17	2020-02-17	No								2020-02-18	19.8													
5055081	B06_03_B	B06_03_B	1901	BALDAUF ST	Lead	Copper	PEX	Copper	2020-02-17	2020-02-17	No								2020-02-19	ND													
5003685	B14_03_A	B14_03_A	223	HALKET ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-17	2020-02-17	No								2020-02-18	1.06		2020-02-18	ND										
5059722	B05_02_B	B05_02_B	1315	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-17	2020-02-17	No								2020-02-27	1.47													
5076265	B13_01_A	B13_01_A	1601	MEIRSCH ST	Lead	Lead	PEX	Copper	2020-02-17	2020-02-17	No								2020-04-13	ND													
5005442	Ops	Urgent LSLR	2611	WEBSTER AVE	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No		Emergency						2020-02-21	1.47													
5076700	B13_01_B	B13_01_B	2709	STAYTON ST	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-02-19	ND													
5003265	B14_03_A	B14_03_A	319	SEMPLE ST	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-02-18	1.19													
5076942	B13_01_B	B13_01_B	1228	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-02-19	ND													
5059671	B05_02_B	B05_02_B	1314	VIRGINIA AVE- REAR	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-18	2020-02-18	No								2020-02-25	8.51													
5076233	B13_01_A	B13_01_A	2839	CALIFORNIA AVE	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-04-03	1.48													
5030279	CEP_02	CEP_02	6611	SHETLAND AVE	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-02-21	16.6		2020-05-26	ND										
5055224	B06_03_B	B06_03_B	4	MONASTERY ST	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-04-15	ND													
5059662	B05_02_B	B05_02_B	1414	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-02-21	5.82													
5076702	B13_01_B	B13_01_B	2713	STAYTON ST	Lead	Lead	PEX	Copper	2020-02-18	2020-02-18	No								2020-02-19	72.9													
5003194	B14_03_A	B14_03_A	217	HALKET ST	Lead	Copper	PEX	Not Replaced	2020-02-18		No								2020-02-22	1.74													
5076661	B13_01_B	B13_01_B	2931	STAYTON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-19	2020-02-19	No								2020-02-21	ND													
5003281	B14_03_A	B14_03_A	242	MEYRAN AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-19	2020-02-19	No								2020-04-15	2.97													
5003827	B14_03_A	B14_03_A	341	SEMPLE ST	Lead	Lead	PEX	Copper	2020-02-19	2020-02-19	No								2020-02-19	21.8													
5003829	B14_03_A	B14_03_A	337	SEMPLE ST	Lead	Lead	PEX	Copper	2020-02-19	2020-02-19	No								2020-02-20	11.3		2020-05-18	1.13										
5059750	B05_02_B	B05_02_B	317	MERIDAN ST	Lead	Lead	PEX	Copper	2020-02-19	2020-02-19	No								2020-02-21	ND													
5004513	B14_03_B	B14_03_B	23	WELLSFORD ST	Lead Tailpiece	Lead	PEX	Copper	2020-02-19	2020-02-19	No								2020-02-21	ND													
5003699	B14_03_A	B14_03_A	311	HALKET ST	Lead	Copper	PEX	Not Replaced	2020-02-19		No								2020-02-20	5.77													
5076620	B13_01_B	B13_01_B	2811	BREKER ST	Lead	Lead	PEX	Copper	2020-02-19	2020-02-19	No								2020-02-20	ND													
5048096	CEP_02	CEP_02	301	JOHNSTON AVE	Lead	Lead	PEX	Copper	2020-02-19	2020-02-20	No	Yes							2020-06-27	3.65													
5059726	B05_02_B	B05_02_B	1323	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-19	2020-02-19	No								2020-02-22	10.2		2020-05-19	ND										
5059665	B05_02_B	B05_02_B	1406	VIRGINIA AVE	Lead	Copper	PEX	Not Replaced	2020-02-19		No								2020-02-24	ND													
5003306	B14_03_A	B14_03_A	255	MEYRAN AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-20	2020-02-20	No								2020-02-21	10.8													
5003304	B14_03_A	B14_03_A	251	MEYRAN AVE	Lead	Lead	PEX	Copper	2020-02-20	2020-02-20	No								2020-08-27	1.12		2020-08-27	1.26										
5060703	B05_02_B	B05_02_B	135	ONEIDA ST	Lead	Lead	PEX	Copper	2020-02-20	2020-02-20	No								2020-03-16	2.3													
5055235	B06_03_B	B06_03_B	20	REGINA ST	Lead	Lead	PEX	Copper	2020-02-20	2020-02-20	No								2020-03-03	ND													
5076963	B13_01_B	B13_01_B	1233	WOODLAND AVE	Lead	Lead	PEX	Copper	2020-02-20	2020-02-20	No								2020-02-21	ND													
5027586	CEP_02	CEP_02	5510	BROAD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-20	2020-02-20	No								2020-02-20	ND													
5059733	B05_02_B	B05_02_B	1407	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-20	2020-02-20	No								2020-02-23	ND													
5060727	B05_02_B	B05_02_B	130	ONEIDA ST	Lead	Copper	PEX	Not Replaced	2020-02-20		No								2020-02-21	ND													
5078346	B13_01_A	B13_01_A	3275	BAINTON ST	Lead	Copper	PEX	Not Replaced	2020-02-20		No								2020-02-24	ND													
5079574	B13_01_C	B13_01_C	1061	SMITHTON AVE	Lead	Copper	PEX	Not Replaced	2020-02-21		No								2020-02-22	1.42													
5076623	B13_01_B	B13_01_B	2818	BREKER ST	Lead	Lead	PEX	Copper	2020-02-21	2020-02-21	No								2020-02-22	ND													
5055175	B06_03_B	B06_03_B	1845	ARLINGTON AVE	Lead	Copper	PEX	Not Replaced	2020-02-21		No								2020-02-26	2.55													
5002082	CEP_02	CEP_02	234	LOMBARD ST	Copper	Lead	Not Replaced	Copper		2020-02-21	No								2020-02-24	6.76		2020-04-06	4.46										
5079329	B13_01_C	B13_01_C	852	GRAND AVE	Lead	Lead	PEX	Copper	2020-02-21	2020-02-21	No								2020-02-22	5.98													
5002837	B18_06	B18_06	211	DUNSEITH ST	Lead	Copper	PEX	Not Replaced	2020-02-21		No								2020-03-13	ND													
5076613	B13_01_B	B13_01_B	2825	BREKER ST	Lead	Lead	PEX	Copper	2020-02-21	2020-02-21	No								2020-04-14	31.7													
5059674	B05_02_B	B05_02_B	1306	VIRGINIA AVE	Lead	Lead	PEX	Copper	2020-02-24	2020-02-24	No								2020-03-21	ND													
5019665	CEP_02	CEP_02	5351	WATERFORD ST	Lead	Lead	PEX	Copper	2020-02-24	2020-02-24	No								2020-02-25	ND													
5079566	B13_01_C	B13_01_C	1031	SMITHTON AVE	Lead	Lead	PEX	Copper	2020-02-24	2020-02-24	No								2020-02-26	2.93													
5002849	B18_06	B18_06	237	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-24	2020-02-24	No								2020-02-29	2.9													
5076166	B13_01_A	B13_01_A	614	KNAPP ST	Lead	Copper	PEX	Not Replaced	2020-02-24		No								2020-02-25	13.2		2020-08-06	ND										
5004502	B14_03_B	B14_03_B	20	WELSFORD ST	Lead	Lead	PEX	Copper	2020-02-24	2020-02-24	No				2020-02-19	2020-02-24	7.53		2020-02-25	1.63													
5002844	B18_06	B18_06	225	DUNSEITH ST	Lead	Copper	PEX	Not Replaced	2020-02-24		No								2020-03-03	ND													
5038355	CEP_02	CEP_02	5840	DOUGLAS ST	Copper	Lead	Not Replaced	Copper		2020-02-24	No								2020-02-26	2.23													
5059701	B05_02_B	B05_02_B	464	ONEIDA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-24	2020-02-24	No								2020-02-24	5.72													
5079324	B13_01_C	B13_01_C	840	GRAND AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-24	2020-02-24	No								2020-02-25	2.11													
5041581	Ops	Ops	6739	WILKINS AVE	Lead	PEX	Copper	Not Replaced	2020-02-25		No		Emergency						2020-05-17	1.36													
5009159	B17_07_A	B17_07_A	251	38TH ST	Lead	Lead	PEX	Copper	2020-02-25	2020-02-25	No								2020-02-28	ND													
5044049	CEP_02	CEP_02	548	PEEBLES ST	Lead	Lead	PEX	Copper	2020-02-25	2020-02-25	No								2020-03-01	ND													
5079348	B13_01_C	B13_01_C	853	GRAND AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-25	2020-02-25	No								2020-02-26	ND													
5002845	B18_06	B18_06	227	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-25	2020-02-25	No								2020-02-27	2.79													
5003447	B14_03_A	B14_03_A	253	OAKLAND AVE	Lead	Copper	PEX	Not Replaced	2020-02-25		No								2020-02-25	36.6													
5002879	B18_06	B18_06	228	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-25	2020-02-25	No								2020-03-15	ND													
5079557	B13_01_C	B13_01_C	1001	SMITHTON AVE	Lead	Lead	PEX	Copper	2020-02-25	2020-02-25	No								2020-02-28	446													
5009124	B17_07_A	B17_07_A	238	38TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-25	2020-02-25	No								2020-02-26	1.52													
5035675	Ops	Private Reimbursement	718	HASTINGS ST	Lead	Lead	Copper	PEX	2020-02-26	2020-03-02	No	Yes	Emergency						2020-03-08	ND													
5067729	B15_01_A	B15_01_A	1008	GOEHRING ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-26	2020-02-26	No								2020-03-02	ND													
5055427	B06_03_B	B06_03_B	2634	S 18TH STREET EXT	Lead	Lead	PEX	Copper	2020-02-26	2020-02-26	No								2020-03-05	ND													
5002865	B18_06	B18_06	274	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-26	2020-02-26	No								2020-02-28	1.57													
5009127	B17_07_A	B17_07_A	244	38TH ST	Lead	Lead	PEX	Copper	2020-02-26	2020-02-26	No								2020-02-27	75.4		2020-03-13	ND										
5079320	B13_01_C	B13_01_C	834	GRAND AVE	Lead	Lead	PEX	Copper	2020-02-26	2020-02-26	No								2020-02-27	10.6		2020-05-30	8.75										
5067728	B15_01_A	B15_01_A	1010	GOEHRING ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-26	2020-02-26	No								2020-04-17	ND													
5002873	B18_06	B18_06	242	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-27	2020-02-27	No								2020-03-01	1.62													
5077032	B13_01_B	B13_01_B	1108	HODGKISS ST	Lead	Lead	PEX	Copper	2020-02-27	2020-02-27	No								2020-03-01	13.3													
5003317	B14_03_A	B14_03_A	327	MEYRAN AVE	Lead	Lead	PEX	Copper	2020-02-27	2020-02-27	No								2020-03-01	5.75													
5002851	B18_06	B18_06	241	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-27	2020-02-27	No								2020-04-23	ND													
5009160	B17_07_A	B17_07_A	249	38TH ST	Lead	Lead	PEX	Copper	2020-02-27	2020-02-27	No								2020-03-01	ND													
5079027	B13_01_B	B13_01_B	1316	WOODS RUN AVE	Lead	Copper	PEX	Not Replaced	2020-02-27		No								2020-05-07	ND													
5002847	B18_06	B18_06	231	DUNSEITH ST	Lead	Copper	PEX	Not Replaced	2020-02-27		No								2020-03-02	ND													
5048620	CEP_02	CEP_02	227	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2020-02-27	2020-02-28	No	Yes							2020-03-03	6.53													
5079028	B13_01_B	B13_01_B	1318	WOODS RUN AVE	Lead	Copper	PEX	Not Replaced	2020-02-27		No								2020-05-02	ND													
5002869	B18_06	B18_06	252	DUNSEITH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-02-28	2020-02-28	No								2020-03-03	23.6		2020-06-01	7.6										
5002825	B18_06	B18_06	220	ROBINSON ST	Lead	Lead	PEX	Copper	2020-02-28	2020-02-28	No								2020-02-29	ND													
5002868	B18_06	B18_06	254	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-28	2020-02-28	No								2020-02-29	29.7													
5078857	B13_01_C	B13_01_C	1103	WOODS RUN AVE	Lead	Lead	PEX	Copper	2020-02-28	2020-02-28	No								2020-03-05	ND													
5022296	B01_07	CEP_02	918	JANCEY ST	PEX	Lead	Not Replaced	Copper		2020-02-28	No								2020-05-14	ND													
5002834	B18_06	B18_06	205	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-02-28	2020-02-28	No								2020-03-11	25.6		2021-07-31	8.63										
5002410	B18_06	B18_06	2314	BEELEN ST	Lead	Lead	PEX	Copper	2020-02-28	2020-02-28	No								2020-04-29	2.07													
5003825	B14_03_A	B14_03_A	346	MEYRAN AVE	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-03-03	1.53		2020-03-03	132										
5003856	B14_03_B	B14_03_B	15	MELBA PL	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-03-07	49.8		2020-03-07	9.05										
5009244	B17_07_A	B17_07_A	3515	LEECH ST	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-03-04	ND													
5079247	B13_01_C	B13_01_C	1034	GRAND AVE	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-03-03	1.51													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5079294	B13_01_C	B13_01_C	1028	ROTHPLETZ ST	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-04-23	ND													
5079293	B13_01_C	B13_01_C	1034	ROTHPLETZ ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-02	2020-03-02	No								2020-03-03	5.69													
5002318	B18_06	B18_06	5	BEELEN ST	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-03-06	ND													
5002885	B18_06	B18_06	214	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-03-02	2020-03-02	No								2020-03-03	ND													
5003329	B14_03_A	B14_03_A	353	MEYRAN AVE	Lead	Copper	PEX	Not Replaced	2020-03-03		No								2020-03-05	4.95													
5009202	B17_07_A	B17_07_A	283	38TH ST	Lead	Copper	PEX	Not Replaced	2020-03-03		No								2020-03-05	1.52													
5003831	B14_03_A	B14_03_A	350	MEYRAN AVE	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-03-04	3.04													
5079191	B13_01_C	B13_01_C	930	SMITHTON AVE	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-03-05	ND													
5079076	B13_01_C	B13_01_C	3138	SORENTO ST	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-03-06	1													
5003571	B14_03_A	B14_03_A	333	S BOUQUET ST	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-03-04	2.64													
5002819	B18_06	B18_06	232	ROBINSON ST	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-04-27	ND													
5009128	B17_07_A	B17_07_A	244 1/2	38TH ST	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-03-22	5.43													
5002816	B18_06	B18_06	238	ROBINSON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-03	2020-03-03	No								2020-04-20	1.95													
5068878	B15_01_A	B15_01_A	51	NOSTER ST	Lead	Lead	PEX	Copper	2020-03-03	2020-03-03	No								2020-03-05	ND													
5007272	CEP_02	CEP_02	735	SHAWNEE ST	Lead	Copper	PEX	Not Replaced	2020-03-03		No								2020-03-05	ND													
5008823	B17_07_A	B17_07_A	3626	SMALLMAN ST	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-03-07	1.22													
5003832	B14_03_A	B14_03_A	352	MEYRAN AVE	Lead	Lead	PEX	Copper	2020-03-04	2020-03-04	No								2020-03-05	3.18													
5009088	B17_07_A	B17_07_A	255	37TH ST	Lead	Lead	PEX	Copper	2020-03-04	2020-03-04	No								2020-03-05	6.89													
5003808	B14_03_A	B14_03_A	360	SEMPLE ST	Lead	Lead	PEX	Copper	2020-03-04	2020-03-04	No								2020-05-06	ND													
5067801	B15_01_A	B15_01_A	1303	ITEN ST	Lead	Lead	PEX	Copper	2020-03-04	2020-03-04	No								2020-05-08	ND													
5068877	B15_01_A	B15_01_A	49	NOSTER ST	Lead	Lead	PEX	Copper	2020-03-04	2020-03-04	No								2020-05-01	2.88													
5008830	B17_07_A	B17_07_A	3610	SMALLMAN ST	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-04-27	ND													
5068876	B15_01_A	B15_01_A	47	NOSTER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-04	2020-03-04	No								2020-03-05	ND													
5002836	B18_06	B18_06	209	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-03-04	2020-03-04	No								2020-03-05	1.9													
5067601	B15_01_A	B15_01_A	56	ROSTOCK ST	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-03-05	1.05													
5027184	CEP_02	CEP_02	6107	STANTON AVE	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-03-10	3.64													
5079319	B13_01_C	B13_01_C	850	ROTHPLETZ ST	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-03-11	ND													
5079318	B13_01_C	B13_01_C	852	ROTHPLETZ ST	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-04-22	22.5													
5002809	B18_06	B18_06	252	ROBINSON ST	Lead	Copper	PEX	Not Replaced	2020-03-04		No								2020-03-06	ND													
5031563	Ops	Urgent LSLR	1539	BROADHEAD ST	Lead	Lead	PEX	Copper	2020-03-05	2020-03-09	No	Yes	Emergency						2020-03-13	ND													
5003252	B14_03_A	B14_03_A	317	SEMPLE ST	Lead	Lead	PEX	Copper	2020-03-05	2020-03-05	No								2020-03-06	ND													
5009242	B17_07_A	B17_07_A	3511	LEECH ST	Lead	Lead	PEX	Copper	2020-03-05	2020-03-05	No								2020-05-01	ND													
5068897	B15_01_A	B15_01_A	1146	ADMIRAL ST	Lead	Lead	PEX	Copper	2020-03-05	2020-03-05	No								2020-03-07	1.12													
5002811	B18_06	B18_06	248	ROBINSON ST	Lead	Copper	PEX	Not Replaced	2020-03-05		No								2020-03-05	ND													
5002262	B18_06	B18_06	149	MOULTRIE ST	Lead	Lead	PEX	Copper	2020-03-05	2020-03-05	No								2020-05-01	43.3													
5002814	B18_06	B18_06	242	ROBINSON ST	Lead	Lead	PEX	Copper	2020-03-05	2020-03-05	No								2020-03-06	27.6		2020-07-21	ND										
5067590	B15_01_A	B15_01_A	34	ROSTOCK ST	Lead	Lead	PEX	Copper	2020-03-06	2020-03-06	No								2020-03-07	2.37													
5004005	B14_03_B	B14_03_B	426	ATWOOD ST	Lead	Copper	PEX	Not Replaced	2020-03-06		No								2020-03-06	ND													
5068543	B15_01_A	B15_01_A	1183	DAMAS ST	Lead	Lead	PEX	Copper	2020-03-06	2020-03-06	No								2020-03-09	13.6		2020-06-22	5.61										
5002862	B18_06	B18_06	263	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-03-06	2020-03-06	No								2020-03-12	2.81													
5133250	B15_01_A	B15_01_A	1160	ADMIRAL ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-10	11.1		2020-06-27	1.04		2020-06-27	1.04							
5047491	CEP_02	CEP_02	361	FLOWERS AVE	Lead	Copper	PEX	Not Replaced	2020-03-09		No								2020-03-12	96		2020-03-28	80.1		2020-04-14	2.44		2020-04-14	2.44			
5019894	B20_07	B20_07	5206	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-10	ND													
5002886	B18_06	B18_06	212	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-12	2.36													
5004382	B14_03_B	B14_03_B	3613	BLVD OF THE ALLIES	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-11	1.11													
5073283	B15_01_B	B15_01_B	1925	BADER ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-10	5.93													
5068893	B15_01_A	B15_01_A	1154	ADMIRAL ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-10	ND													
5004492	B14_03_B	B14_03_B	3429	WARD ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-10	ND													
5073290	B15_01_B	B15_01_B	1924	BADER ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-09	No								2020-03-10	9.24													
5008821	B17_07_A	B17_07_A	166	37TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-09	2020-03-09	No								2020-03-12	ND													
5056204	Urgent LSLR	Urgent LSLR	219	KATHLEEN ST	Lead	Lead	PEX	Copper	2020-03-09	2020-03-11	No	Yes	Emergency						2020-03-13	ND													
5079303	B13_01_C	B13_01_C	924	ROTHPLETZ ST	Lead	Copper	PEX	Not Replaced	2020-03-09		No								2020-03-10	17.6													
5008992	B17_07_A	B17_07_A	187	38TH ST	Lead	Copper	PEX	Not Replaced	2020-03-10		No								2020-03-11	ND													
5009038	B17_07_A	B17_07_A	3623	CHARLOTTE ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-13	ND													
5002820	B18_06	B18_06	230	ROBINSON ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-11	1.97													
5003897	B14_03_B	B14_03_B	402	SEMPLE ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-12	ND													
5068551	B15_01_A	B15_01_A	1189	SERENE ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-11	3.28													
5009053	B17_07_A	B17_07_A	186	38TH ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-13	11.3													
5003142	B18_06	B18_06	3147	TERRACE ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-12	1.15													
5003821	B14_03_A	B14_03_A	355	SEMPLE ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-12	ND													
5008825	B17_07_A	B17_07_A	3620	SMALLMAN ST	Lead	Lead	PEX	Copper	2020-03-10	2020-03-10	No								2020-03-11	ND													
5009306	B17_07_A	B17_07_A	3500	PENN AVE	Lead	Copper	PEX	Not Replaced	2020-03-10		No								2020-03-12	1.16													
5019804	B20_07	B20_07	5219	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-11		No								2020-03-12	6.35													
5067588	B15_01_A	B15_01_A	30	ROSTOCK ST	Lead	Lead	PEX	Copper	2020-03-11	2020-03-11	No								2020-03-12	3.51													
5003783	B14_03_A	B14_03_A	354	SEMPLE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-11	2020-03-11	No								2020-03-16	ND													
5002818	B18_06	B18_06	234	ROBINSON ST	Lead	Lead	PEX	Copper	2020-03-11	2020-03-11	No								2020-03-25	ND													
5068895	B15_01_A	B15_01_A	1150	ADMIRAL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-11	2020-03-11	No								2020-03-13	ND													
5008840	B17_07_A	B17_07_A	3540	CHARLOTTE ST	Lead	Copper	PEX	Not Replaced	2020-03-11		No								2020-03-12	ND													
5068552	B15_01_A	B15_01_A	1187	SERENE ST	Lead	Lead	PEX	Copper	2020-03-11	2020-03-11	No								2020-03-16	1.58													
5009031	B17_07_A	B17_07_A	3723	CHARLOTTE ST	Lead	Lead	PEX	Copper	2020-03-11	2020-03-11	No								2020-03-12	9.98													
5009032	B17_07_A	B17_07_A	3721	CHARLOTTE ST	Lead	Lead	PEX	Copper	2020-03-11	2020-03-11	No								2020-03-14	ND													
5008841	B17_07_A	B17_07_A	3538	CHARLOTTE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-11	2020-03-11	No								2020-03-12	ND													
5068077	B15_01_A	B15_01_A	901	HASLAGE AVE	Lead	Lead	PEX	Copper	2020-03-11	2020-03-11	No								2020-03-12	21		2020-06-24	1.19		2020-06-24	1.19							
5009277	B17_07_A	B17_07_A	3613	PENN AVE	Lead	Copper	PEX	Not Replaced	2020-03-11		No								2020-03-28	ND													
5019797	B20_07	B20_07	5207	CARNEGIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-12	2020-03-12	No								2020-05-02	ND													
5068556	B15_01_A	B15_01_A	1813	BADER ST	Lead	Copper	PEX	Not Replaced	2020-03-12		No								2020-03-13	5.64													
5073163	B15_01_A	B15_01_A	147	OVERBECK ST	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-13	1.18													
5068528	B15_01_B	B15_01_B	1901	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-14	7.14													
5009710	B17_07_B	B17_07_B	3900	HOWLEY ST	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-15	18.9		2020-06-23	ND										
5004385	B14_03_B	B14_03_B	3619	BLVD OF THE ALLIES	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-14	ND													
5019798	B20_07	B20_07	5209	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-12		No								2020-06-09	ND													
5079026	B13_01_C	B13_01_C	1041	HALL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-12	2020-03-12	No								2020-05-01	ND													
5068558	B15_01_A	B15_01_A	1823	BADER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-12	2020-03-12	No								2020-05-07	ND													
5002338	B18_06	B18_06	3131	TERRACE ST	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-12	12.5													
5003890	B14_03_B	B14_03_B	427	SEMPLE ST	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-13	2.79													
5068546	B15_01_A	B15_01_A	1826	BADER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-12	2020-03-12	No								2020-03-13	1.97													
5009655	B17_07_B	B17_07_B	3921	HOWLEY ST	Lead	Lead	PEX	Copper	2020-03-12	2020-03-12	No								2020-03-12	ND													
5067707	B15_01_A	B15_01_A	1218	ITIN ST	Copper	Lead	Not Replaced	Copper		2020-03-12	No								2020-05-02	ND													
5019808	B20_07	B20_07	5221	CARNEGIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-13	2020-03-13	No								2020-03-16	ND													
5003822	B14_03_A	B14_03_A	353	SEMPLE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-13	2020-03-13	No								2020-03-14	ND													
5068561	B15_01_A	B15_01_A	1381	DAMAS ST	Lead	Lead	PEX	Copper	2020-03-13	2020-03-13	No								2020-03-15	74		2020-04-08	19.8										
5079971	CEP_02	CEP_02	3927	SHOREHAM ST	Lead	Lead	PEX	Copper	2020-03-13	2020-03-13	No				2020-01-22	2020-02-03	ND		2020-03-16	ND													
5019802	B20_07	B20_07	5217	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-03-13	2020-03-13	No								2020-03-14	5.1													
5073277	B15_01_B	B15_01_B	1908	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-03-13	2020-03-13	No								2020-03-15	ND													
5002810	B18_06	B18_06	250	ROBINSON ST	Lead	Lead	PEX	Copper	2020-03-13	2020-03-13	No								2020-03-14	3.53													
5067835	B15_01_A	B15_01_A	1339	DIANA PL	Lead	Lead	PEX	Copper	2020-03-13	2020-03-13	No								2020-03-14	6.2													
5003256	B14_03_A	B14_03_A	329	SEMPLE ST	Lead	Copper	PEX	Not Replaced	2020-03-16		No								2020-03-31	ND													
5072884	B15_01_B	B15_01_B	1416	ROMANHOFF ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-16	2020-03-16	No								2020-03-17	5.89													
5019828	B20_07	B20_07	5255	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-17		No								2020-03-20	ND													
5009539	B17_07_B	B17_07_B	3909	MINTWOOD ST	Lead	Copper	PEX	Not Replaced	2020-03-17		No								2020-03-18	ND													
5022437	B20_07	B20_07	5309	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-18		No								2020-03-20	ND													
5009289	B17_07_A	B17_07_A	3515	PENN AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-18	2020-03-18	No				2019-03-19	2020-03-25	ND		2020-03-20	1.57													
5073052	B15_01_B	B15_01_B	2218	ROCKLEDGE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-18	2020-03-18	No								2020-04-03	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5073075	B15_01_B	B15_01_B	1414	HETZEL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-18	2020-03-18	No								2020-03-20	1.65													
5022444	B20_07	B20_07	5327	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-19		No								2020-03-21	1.65													
5023018	B20_07	B20_07	5623	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-19		No								2020-03-20	ND													
5022497	B20_07	B20_07	5437	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-03-19		No								2020-03-20	42													
5009616	B17_07_B	B17_07_B	3904	MINTWOOD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-03-19	2020-03-19	No								2020-03-20	ND													
5052776	Urgent LSLR	Urgent LSLR	109	S 7TH ST	Lead	Lead	PEX	Copper	2020-04-03	2020-04-03	No		Emergency						2020-04-17	88.9													
5062786	Ops	Urgent LSLR	35	WABASH ST	Lead	Lead	PEX	Copper	2020-04-14	2020-04-16	No	Yes	Emergency						2020-04-19	1.07													
5055811	Ops	Urgent LSLR	734	MCLAIN ST	Copper	Lead	PEX	Copper	2020-04-28	2020-04-30	Yes	No	Emergency						2020-05-11	ND													
5020297	B20_07	B20_07	5113	KEYSTONE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-05-14	2020-05-14	No								2020-07-29	ND													
5020363	B20_07	B20_07	5122	KEYSTONE ST	Lead	Copper	PEX	Not Replaced	2020-05-14		No								2020-05-16	ND													
5020364	B20_07	B20_07	5126	KEYSTONE ST	Lead	Copper	PEX	Not Replaced	2020-05-15		No								2020-05-20	ND													
5020381	B20_07	B20_07	5164	KEYSTONE ST	Lead	Copper	PEX	Not Replaced	2020-05-18		No								2020-05-19	ND													
5009554	B17_07_B	B17_07_B	318	39TH ST	Lead	Copper	PEX	Not Replaced	2020-05-18		No								2020-06-23	ND													
5073255	B15_01_B	B15_01_B	1929	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-05-18	2020-05-18	No								2020-06-24	ND													
5009650	B17_07_B	B17_07_B	3931	HOWLEY ST	Lead	Copper	PEX	Not Replaced	2020-05-18		No								2020-05-20	7.9													
5003146	B18_06	B18_06	171	ROBINSON ST	Lead	Copper	PEX	Not Replaced	2020-05-18		No								2020-05-19	4.03													
5009731	B17_07_B	B17_07_B	3932	HOWLEY ST	Lead	Copper	PEX	Not Replaced	2020-05-18		No								2020-05-19	1.11													
5009543	B17_07_B	B17_07_B	321	39TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-05-18	2020-05-18	No								2020-06-21	ND													
5009713	B17_07_B	B17_07_B	3906	HOWLEY ST	Lead	Lead	PEX	Copper	2020-05-19	2020-05-19	No								2020-05-26	1.31													
5009577	B17_07_B	B17_07_B	3723	MINTWOOD ST	Lead	Lead	PEX	Copper	2020-05-19	2020-05-19	No								2020-05-23	ND													
5009575	B17_07_B	B17_07_B	3717	MINTWOOD ST	Lead	Copper	PEX	Not Replaced	2020-05-19		No								2020-05-23	ND													
5003134	B18_06	B18_06	170	ROBINSON ST	Lead	Lead	PEX	Copper	2020-05-19	2020-05-19	No								2020-07-16	1.39													
5020347	B20_07	B20_07	5155	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-05-19	2020-05-19	No								2020-05-20	5.41													
5027237	CEP_02	CEP_02	5458	KINCAID ST	Lead	Lead	PEX	Copper	2020-05-19	2020-05-19	No								2020-05-20	4.23													
5009711	B17_07_B	B17_07_B	3904	HOWLEY ST	Lead	Lead	PEX	Copper	2020-05-19	2020-05-19	No								2020-05-21	ND													
5073259	B15_01_B	B15_01_B	1945	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-05-20	2020-05-20	No								2020-05-25	1.71													
5072862	B15_01_B	B15_01_B	1202	ROMANHOFF ST	Lead	Lead	PEX	Copper	2020-05-20	2020-05-20	No								2020-05-21	1.62													
5020359	B20_07	B20_07	5116	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-05-20	2020-05-20	No								2020-06-22	ND													
5009667	B17_07_B	B17_07_B	333	39TH ST	Lead	Lead	PEX	Copper	2020-05-21	2020-05-21	No								2020-05-22	ND													
5009401	B17_07_B	B17_07_B	311	37TH ST	Lead	Lead	PEX	Copper	2020-05-21	2020-05-21	No								2020-05-22	ND													
5013201	CEP_02	CEP_02	115	MOREWOOD AVE	Lead	Lead	PEX	Copper	2020-05-21	2020-05-21	No								2020-05-23	5.81													
5003120	B18_06	B18_06	142	ROBINSON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-05-21	2020-05-21	No								2020-05-23	1.18													
5020306	B20_07	B20_07	5123	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-05-21	2020-05-21	No								2020-05-22	4.05													
5073106	B15_01_B	B15_01_B	2112	HARBOR ST	Lead	Lead	PEX	Copper	2020-05-21	2020-05-21	No								2020-05-28	1.73													
5009660	B17_07_B	B17_07_B	3911-3913	HOWLEY ST	Lead	Lead	PEX	Copper	2020-05-21	2020-05-21	No								2020-05-22	5.56													
5045254	Urgent Water	Urgent Water	3861	ALEXIS ST	Lead	Lead Tailpiece	PEX	Copper	2020-05-22	2020-05-22	No		Emergency						2020-07-07	3.63													
5073101	B15_01_B	B15_01_B	2136	HARBOR ST	Lead	Lead	PEX	Copper	2020-05-26	2020-05-26	No								2020-05-28	81.9		2020-06-12	2.48											
5020374	B20_07	B20_07	5150	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-05-26	2020-05-26	No								2020-05-27	5.96													
5004480	B14_03_B	B14_03_B	3405	WARD ST	Lead	Lead	PEX	Copper	2020-05-26	2020-05-26	No								2020-05-30	1.24													
5027431	Urgent LSLR	Urgent LSLR	418	BORLAND ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-05-26	2020-05-26	No		Emergency						2020-06-23	ND													
5009015	B17_07_A	B17_07_A	162	39TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-05-26	2020-05-26	No								2020-05-28	2.56													
5009654	B17_07_B	B17_07_B	3923	HOWLEY ST	Lead	Lead	PEX	Copper	2020-05-26	2020-05-26	No								2020-05-27	1.49													
5020314	B20_07	B20_07	5137	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-05-27	2020-05-27	No								2020-09-16	1.15													
5009530	B17_07_B	B17_07_B	3923 1/2	MINTWOOD ST	Lead	Lead	PEX	Copper	2020-05-27	2020-05-27	No			Emergency					2020-08-10	ND													
5073053	B15_01_B	B15_01_B	2210	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-05-28	2020-05-28	No								2020-05-29	5.81													
5020576	B20_07	B20_07	5191	STANTON AVE	Lead	Lead	Copper	Copper	2020-05-28	2020-05-28	No								2020-05-28	ND													
5133682	B15_01_B	B15_01_B	2231	HARBOR ST	Lead	Lead	PEX	Copper	2020-05-28	2020-05-28	No								2020-06-04	1.97													
5073338	B02_01_B	CEP_02	429	KENNEDY AVE	Copper	Lead	Not Replaced	Copper		2020-05-28	No								2020-05-30	ND													
5020309	B20_07	B20_07	5129	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-05-28	2020-05-28	No								2020-05-29	ND		2020-06-01	ND										
5009599	B17_07_B	B17_07_B	3810	MINTWOOD ST	Lead	Copper	PEX	Not Replaced	2020-05-28		No								2020-06-02	11.8		2021-01-26	1.04										
5073073	B15_01_B	B15_01_B	2100	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-05-29	2020-05-29	No								2020-09-26	4.61													
5009211	B17_07_A	B17_07_A	300	39TH ST FRNT	Lead	Lead	PEX	Copper	2020-05-29	2020-05-29	No								2020-06-03	ND													
5002889	B18_06	B18_06	3221	TERRACE ST	Lead	Lead	PEX	Copper	2020-05-29	2020-05-29	No								2020-05-29	1.03													
5009213	B17_07_A	B17_07_A	296	39TH ST	Lead	Lead	PEX	Copper	2020-05-29	2020-05-29	No								2020-05-31	2.14													
5073158	B15_01_A	B15_01_A	1030	BUENTE ST	Lead	Copper	PEX	Not Replaced	2020-06-01		No								2020-06-02	10.1		2020-09-08	ND										
5002808	B18_06	B18_06	254	ROBINSON ST	Lead	Lead	PEX	Copper	2020-06-01	2020-06-01	No								2020-11-01	ND													
5073046	B15_01_B	B15_01_B	2125	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-06-01	2020-06-01	No								2020-06-03	8.4													
5019913	B20_07	B20_07	5203	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-06-01	2020-06-01	No								2020-06-03	1.03													
5009499	B17_07_B	B17_07_B	296 1/2	38TH ST	Lead	Copper	PEX	Not Replaced	2020-06-01		No								2020-06-01	ND													
5020206	B20_07	B20_07	5120	STANTON AVE	Lead	Lead	PEX	Copper	2020-06-02	2020-06-02	No								2020-06-04	2.65													
5073065	B15_01_B	B15_01_B	2120	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2020-06-02	2020-06-02	No								2020-06-03	7.88													
5072995	B15_01_B	B15_01_B	2215	LAPPE LN	Lead	Lead	PEX	Copper	2020-06-02	2020-06-02	No								2020-06-08	3.55													
5009630	B17_07_B	B17_07_B	3932	MINTWOOD ST	Lead	Copper	PEX	Not Replaced	2020-06-02		No								2020-06-04	ND													
5009002	B17_07_A	B17_07_A	186	39TH ST	Lead	Lead	PEX	Copper	2020-06-02	2020-06-02	No								2020-06-10	ND													
5009101	B17_07_A	B17_07_A	233	37TH ST	Lead	Lead	PEX	Copper	2020-06-03	2020-06-03	No								2020-06-07	ND													
5020047	B20_07	B20_07	5232	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-06-03	2020-06-03	No								2020-06-04	ND													
5009750	B17_07_B	B17_07_B	3919	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-03	2020-06-03	No								2020-06-06	1.6													
5072923	B15_01_B	B15_01_B	935	S SIDE AVE	Lead	Lead	PEX	Copper	2020-06-03	2020-06-03	No								2020-06-04	10.1		2020-09-11	71.7		2020-09-23	23.6		2021-03-16	41.2		2021-09-22	32.4	
5040613	Ops	Urgent LSLR	216	HASTINGS ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-18	No	Yes	Emergency						2020-06-21	ND													
5024857	Ops	Urgent LSLR	5537	BRYANT ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No		Emergency						2020-06-07	2.31													
5020048	B20_07	B20_07	5230	KEYSTONE ST	Lead	Copper	PEX	Not Replaced	2020-06-04		No								2020-06-05	2.66													
5009690	B17_07_B	B17_07_B	3808	HOWLEY ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-05	ND													
5009748	B17_07_B	B17_07_B	3923	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-08	ND													
5072804	B15_01_B	B15_01_B	1132	FABYAN ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-05	1.63													
5009709	B17_07_B	B17_07_B	349	39TH ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-05	9.11													
5072834	B15_01_B	B15_01_B	1138	SOUTH SIDE AVE	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-06	ND													
5073074	B15_01_B	B15_01_B	1412	HETZEL ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-06	43		2020-09-15	1.05										
5068764	B15_01_A	B15_01_A	1713	HUNNELL ST	Lead	Lead	PEX	Copper	2020-06-04	2020-06-04	No								2020-06-08	294		2020-06-19	8.15										
5005202	CEP_02	CEP_02	3740	CHILDS ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-05	2020-06-05	No								2020-07-27	3.62													
5024862	Ops	Urgent LSLR	5521	BRYANT ST	Lead	Lead	PEX	Copper	2020-06-05	2020-06-17	No	Yes	Emergency						2020-06-18	1.97													
5072821	B15_01_B	B15_01_B	1006	SOUTH SIDE AVE	Lead	Lead	PEX	Copper	2020-06-05	2020-06-05	No								2020-06-24	16.5													
5040132	Ops	Urgent LSLR	3052	BEECHWOOD BLVD	Copper	Lead	Not Replaced	Copper		2020-06-05	No		Emergency						2020-06-06	ND													
5002344	B18_06	B18_06	3114	TERRACE ST	Lead	Lead	PEX	Copper	2020-06-05	2020-06-05	No								2020-06-07	2.3													
5069498	Ops	Urgent LSLR	1912	LOWRIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-06	2020-06-09	No	Yes	Emergency						2020-08-19	ND													
5067713	B15_01_A	B15_01_A	1166	ITEN ST	Lead	Lead	PEX	Copper	2020-06-07	2020-06-07	No								2020-08-16	1.74													
5067794	B15_01_A	B15_01_A	1227	ITEN ST	Lead	Copper	PEX	Not Replaced	2020-06-07		No								2020-08-10	1.01													
5067791	B15_01_A	B15_01_A	1219	ITEN ST	Lead	Copper	PEX	Not Replaced	2020-06-07		No								2020-06-10	1.77													
5019712	B20_07	B20_07	5209	DRESDEN WAY	Lead	Lead	PEX	Copper	2020-06-08	2020-06-08	No								2020-07-09	ND													
5019799	B20_07	B20_07	5206	DRESDEN WAY	Lead	Copper	PEX	Not Replaced	2020-06-08		No								2020-06-09	ND													
5009746	B17_07_B	B17_07_B	3927	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-08	2020-06-08	No								2020-06-08	2.58													
5009680	B17_07_B	B17_07_B	3811	HOWLEY ST	Lead	Lead	PEX	Copper	2020-06-08	2020-06-08	No								2020-06-09	ND													
5048227	CEP_02	CEP_02	5116	LYTLE ST	PEX	Lead	Not Replaced	Copper		2020-06-09	No								2020-06-10	1.16													
5009466	B17_07_A	B17_07_A	3801	PENN AVE	Lead	PEX	PEX	Not Replaced	2020-06-09		No								2020-06-10	2.31													
5020060	B20_07	B20_07	5210	KEYSTONE ST	Lead	Copper	PEX	Not Replaced	2020-06-09		No								2020-06-10	2.41													
5068504	B15_01_A	B15_01_A	18	WOESSNER AVE	Lead	Lead	PEX	Copper	2020-06-09	2020-06-09	No								2020-07-28	1.12													
5013612	B21_07	B21_07	228	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-09	2020-06-09	No								2020-06-11	9.75													
5019818	B20_07	B20_07	5237	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-09	2020-06-09	No								2020-06-15	1.85													
5002790	B18_06	B18_06	3159	ELLERS ST	Lead	Lead	PEX	Copper	2020-06-09	2020-06-09	No								2020-06-28	ND													
5009780	B17_07_B	B17_07_B	3938	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-09	2020-06-09	No								2020-06-10	29.3		2020-09-09	5.74										
5019809	B20_07	B20_07	5220	DRESDEN WAY	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-11	ND													
5024616	B19_09	B19_09	5416	BROAD ST	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-12	2.94													
5002218	B18_06	CEP_02	2532	ALLEQUIPPA ST	Copper	Lead	Not Replaced	Copper		2020-06-10	No								2020-06-13	186		2020-09-17	7.04										
5037859	CEP_02	CEP_02	5874	HOBART ST	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-11	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5009747	B17_07_B	B17_07_B	3925	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-18	1.87													
5072928	B15_01_B	B15_01_B	920	MINA ST	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-11	1.67													
5013614	B21_07	B21_07	232	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-10	2020-06-11	No	Yes							2020-06-15	2.18		2020-06-15	7.17										
5019948	B20_07	B20_07	115	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-11	ND													
5002198	B18_06	B18_06	3153	ELLERS ST	Lead	Copper	PEX	Not Replaced	2020-06-10		No								2020-06-13	2.22													
5019803	B20_07	B20_07	5212	DRESDEN WAY	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-11	ND													
5068513	B15_01_A	B15_01_A	36	WOESSNER ST	Lead	Lead	PEX	Copper	2020-06-10	2020-06-10	No								2020-06-15	ND													
5009188	B17_07_A	B17_07_A	238	39TH ST	Lead	Copper	PEX	Not Replaced	2020-06-10		No								2020-09-21	1.34													
5026666	B19_09	B19_09	5547	COLUMBO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-11	2020-06-11	No								2020-06-13	ND													
5002852	B18_06	CEP_02	243	DUNSEITH ST	Copper	Lead	Not Replaced	Copper		2020-06-11	No								2020-09-22	ND													
5009555	B17_07_B	B17_07_B	316	39TH ST	Lead	Lead	PEX	Copper	2020-06-11	2020-06-11	No								2020-06-13	1.79													
5003276	B14_03_A	B14_03_A	254	MEYRAN AVE	Lead	Copper	PEX	Not Replaced	2020-06-11		No								2020-09-22	ND													
5022740	B20_07	B20_07	6058	SAWYER ST	Lead	Lead	PEX	Copper	2020-06-11	2020-06-11	No								2020-06-11	ND													
5019950	B20_07	B20_07	119	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-06-11	2020-06-11	No								2020-06-13	6.67													
5019951	B20_07	B20_07	121	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-06-11	2020-06-11	No								2020-06-15	ND													
5073008	B15_01_B	B15_01_B	2137	DONORA ST	Lead	Copper	PEX	Not Replaced	2020-06-11		No								2020-06-14	ND													
5022742	B20_07	B20_07	6046	SAWYER ST	Lead	Copper	PEX	Not Replaced	2020-06-11		No								2020-06-12	ND													
5013615	B21_07	B21_07	236	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-11	2020-06-11	No								2020-06-16	4.76													
5013613	B21_07	B21_07	230	S WINEBIDDLE ST	Lead	PEX	PEX	Not Replaced	2020-06-12		No								2020-06-15	ND													
5072978	B15_01_B	B15_01_B	7	NETTIE ST	Lead	Lead	PEX	Copper	2020-06-12	2020-06-12	No								2020-06-15	ND													
5019914	B20_07	B20_07	5205	KEYSTONE ST	Lead	Copper	PEX	Not Replaced	2020-06-12		No								2020-06-14	ND													
5013617	B21_07	B21_07	244	S WINEBIDDLE ST	Lead	Copper	PEX	Not Replaced	2020-06-12		No								2020-09-22	ND		2020-09-28	ND										
5019770	B20_07	B20_07	5226	HARRISON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-15	2020-06-15	No								2020-06-17	ND													
5074144	B15_01_B	B15_01_B	2600	SUNSET AVE	Lead	Copper	PEX	Not Replaced	2020-06-15		No								2020-06-17	ND													
5019769	B20_07	B20_07	5228	HARRISON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-15	2020-06-15	No								2020-06-16	1.48													
5002408	B18_06	B18_06	2317	5TH AVE	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-17	ND													
5002843	B18_06	B18_06	223	DUNSEITH ST	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-23	14		2020-09-21	ND										
5073004	B15_01_B	B15_01_B	2116	DONORA ST	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2021-04-23	4.74		2022-10-14	3.35										
5026742	B19_09	B19_09	5561	COLUMBO ST	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-15	ND													
5072952	B15_01_B	B15_01_B	85	LUELLA ST	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-16	ND													
5019952	B20_07	B20_07	123	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-18	1.42													
5076976	B13_01_B	CEP_02	2627	STAYTON ST	Copper	Lead	Not Replaced	Copper		2020-06-15	No								2020-06-16	ND													
5022724	B20_07	B20_07	6012	BUTLER ST	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-17	1.22													
5013628	B21_07	B21_07	245	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-15	2020-06-15	No								2020-06-19	13.1													
5024559	Ops		320	N GRAHAM ST	Lead	Copper	PEX	Not Replaced	2020-06-16		No		Emergency						2020-07-29	5.8													
5003376	B14_03_A	B14_03_A	239	ATWOOD ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-17	4.46		2020-06-17	ND										
5072968	B15_01_B	B15_01_B	921	LUELLA ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-23	ND													
5072936	B15_01_B	B15_01_B	900	MINA ST REAR	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-24	1.55													
5026720	B19_09	B19_09	5441	HILLCREST ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-17	1.3													
5013610	B21_07	B21_07	220	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-17	ND		2020-06-22	ND										
5009150	B17_07_A	CEP_02	277	38TH ST	Copper	Lead	Not Replaced	Copper		2020-06-16	No								2020-06-19	74.2		2020-09-23	ND										
5073010	B15_01_B	B15_01_B	2125	DONORA ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-07-15	ND													
5059805	B05_02_B	CEP_02	452	HALLOCK ST	Copper	Lead	Not Replaced	Copper		2020-06-16	No								2020-06-18	1.18													
5009798	B17_07_B	B17_07_B	3944	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-18	3.16													
5022727	B20_07	B20_07	6004	BUTLER ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-17	6.8													
5068768	B15_01_A	B15_01_A	7	TANK ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-19	ND													
5019887	B20_07	B20_07	5216	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-16	2020-06-16	No								2020-06-17	1.32													
5022735	B20_07	B20_07	5728	BUTLER ST	Lead	Lead	PEX	Copper	2020-06-17	2020-06-18	No	Yes							2020-06-19	2													
5024675	B19_09	B19_09	5440	HILLCREST ST	Lead	Lead	PEX	Copper	2020-06-17	2020-06-18	No	Yes							2020-06-19	16.3		2020-10-03	ND										
5013611	B21_07	B21_07	224	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-17	2020-06-17	No								2020-06-18	4.22		2020-06-22	1.09										
5002243	B18_06	B18_06	120	DE RUAD ST	Lead	Lead	PEX	Copper	2020-06-17	2020-06-17	No								2020-06-19	ND													
5067831	B15_01_A	B15_01_A	1325	DIANA PL	Lead	Copper	PEX	Not Replaced	2020-06-17		No								2020-06-19	ND													
5026679	B19_09	B19_09	5521	MARGARETTA ST	Lead	Lead	PEX	Copper	2020-06-17	2020-06-17	No								2020-06-18	ND													
5013585	B21_07	B21_07	229	GROSS ST	Lead	Lead	PEX	Copper	2020-06-17	2020-06-17	No								2020-06-21	1.22													
5023085	B20_07	B20_07	318	57TH ST	Lead	Copper	PEX	Not Replaced	2020-06-18		No								2020-06-20	1.75													
5026678	B19_09	B19_09	5525	MARGARETTA ST	Lead	Lead	PEX	Copper	2020-06-18	2020-06-18	No								2020-06-20	ND													
5072950	B15_01_B	B15_01_B	75	LUELLA ST	Lead	Lead	PEX	Copper	2020-06-18	2020-06-18	No								2020-06-19	1.23													
5013547	B21_07	B21_07	216	GROSS ST	Lead	Lead	PEX	Copper	2020-06-18	2020-06-18	No								2020-06-19	35.9													
5043538	CEP_02	CEP_02	102	CARNEGIE PL	Lead	Lead	PEX	Copper	2020-06-18	2020-06-18	No								2020-06-20	4.4													
5027209	B19_09	B19_09	5468	HILLCREST ST	Lead	Lead	PEX	Copper	2020-06-18	2020-06-18	No								2020-08-03	3.38													
5013584	B21_07	B21_07	231	GROSS ST	Lead	Lead	PEX	Copper	2020-06-18	2020-06-19	No	Yes							2020-06-20	6.72													
5019839	B20_07	B20_07	5305	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-18	2020-06-18	No								2020-06-19	ND													
5026676	B19_09	B19_09	5513	MARGARETTA ST	Lead	Copper	PEX	Not Replaced	2020-06-18		No								2020-06-24	15.7		2020-09-25	ND										
5013631	B21_07	B21_07	223	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-19	2020-06-19	No								2020-06-22	7.98													
5019845	B20_07	B20_07	5270	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-19	2020-06-19	No								2020-06-23	1.96													
5022668	B20_07	B20_07	5708	BUTLER ST	Lead	Lead	PEX	Copper	2020-06-19	2020-06-19	No								2020-06-22	ND													
5061310	B05_02_A	CEP_02	538	BOGGS AVE	Copper	Lead	Not Replaced	Copper		2020-06-19	No								2020-06-20	1.22													
5024841	Ops	Urgent LSLR	1146	KING AVE	Lead	Lead	PEX	Copper	2020-06-22	2020-06-29	No	Yes	Emergency						2020-06-30	1.1													
5024582	B19_09	B19_09	427	N GRAHAM ST	Lead	Lead	PEX	Copper	2020-06-22	2020-06-22	No				2020-06-20	2020-07-13	ND		2020-06-23	1.64													
5048260	CEP_02	CEP_02	5118	CHAPLAIN WAY	Lead	Lead	PEX	Copper	2020-06-22	2020-06-22	No								2020-09-21	1.16													
5022441	B20_07	B20_07	5317	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-22	2020-06-22	No								2020-06-24	1.85													
5013620	B21_07	B21_07	250	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-22	2020-06-22	No								2020-06-23	1.42		2020-06-28	2.54										
5013414	B21_07	B21_07	261	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-22	2020-06-22	No								2020-06-22	ND													
5027592	B19_09	B19_09	116	N FAIRMOUNT ST	Lead	Copper	PEX	Not Replaced	2020-06-22		No								2020-06-23	5.56													
5027597	B19_09	B19_09	107	N FAIRMOUNT ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-22	2020-06-22	No								2021-05-25	ND													
5008396	B17_07_B	B17_07_B	3720	LIBERTY AVE	Lead	Lead	PEX	Copper	2020-06-22	2020-06-22	No								2020-06-23	ND													
5013392	B21_07	B21_07	250	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-23	2020-06-23	No								2020-06-25	1.13													
5022450	B20_07	B20_07	5329	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-23	2020-06-23	No								2020-06-24	2.02		2020-06-27	2.49		2020-06-27	2.49						
5003145	B18_06	B18_06	179	ROBINSON ST	Lead	Lead	PEX	Copper	2020-06-23	2020-06-23	No								2020-06-25	20.8													
5026669	B19_09	B19_09	5536	MARGARETTA ST	Lead	Lead	PEX	Copper	2020-06-23	2020-06-23	No								2020-06-26	8.94													
5026736	B19_09	B19_09	5537	MARGARETTA ST	Lead	Lead	PEX	Copper	2020-06-23	2020-06-23	No			Emergency					2020-06-25	1.38													
5005703	CEP_02	CEP_02	2248	BEDFORD AVE	Lead	Lead	PEX	Copper	2020-06-24	2020-06-24	No								2020-06-25	1.15													
5013420	B21_07	B21_07	249	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-24	2020-06-24	No								2020-07-11	19.3		2020-10-04	5.99										
5022463	B20_07	B20_07	5341	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-06-24	2020-06-24	No								2020-06-25	ND													
5002821	B18_06	B18_06	228	ROBINSON ST	Lead	Lead	PEX	Copper	2020-06-24	2020-06-24	No								2020-06-25	61.4													
5022598	B20_07	B20_07	6068	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-06-24		No								2020-06-24	8.73													
5022599	B20_07	B20_07	6066	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-06-24		No								2020-06-25	24.3													
5026737	B19_09	B19_09	5535	MARGARETTA ST	Lead	Lead	PEX	Copper	2020-06-24	2020-06-24	No								2020-06-26	2.39													
5013550	B21_07	B21_07	224	GROSS ST	Lead	Lead	PEX	Copper	2020-06-24	2020-06-24	No								2020-06-24	9.46													
5013385	B21_07	B21_07	234	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-25	2020-06-25	No								2020-06-26	8.94													
5026654	B19_09	B19_09	514	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-06-25	2020-06-25	No								2020-06-26	1.79													
5009628	B17_07_B	B17_07_B	3929	CABINET ST	Lead	Lead	PEX	Copper	2020-06-25	2020-06-25	No								2020-08-12	1.81													
5015903	CEP_02	CEP_02	143	43RD ST	Copper	Lead	Not Replaced	Copper		2020-06-25	No								2020-06-27	ND													
5013545	B21_07	B21_07	212	GROSS ST	Lead	Lead	PEX	Copper	2020-06-25	2020-06-25	No								2020-06-26	9.22													
5026624	B19_09	B19_09	529	N FAIRMOUNT ST	Lead	Copper	PEX	Not Replaced	2020-06-25		No								2020-06-26	1.75													
5013621	B21_07	B21_07	256	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-25	2020-06-25	No								2020-06-26	13.9		2020-06-26	10.3										
5029510	CEP_02	CEP_02	154	CARVER ST	Copper	Lead	Not Replaced	Copper		2020-06-25	No								2020-06-26	19		2020-09-21	1.16										
5022432	B20_07	B20_07	5404	CARNEGIE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-26	2020-06-26	No								2020-06-28	4.15													
5047444	CEP_02	CEP_02	366	FLOWERS AVE	Copper	Lead	Not Replaced	Copper		2020-06-26	No								2020-06-29	9.93		2020-06-29	9.93										
5005092	CEP_02	CEP_02	3201	DAWSON ST	Copper	Lead	Not Replaced	Copper		2020-06-26	No								2020-06-28	2.13		2020-06-28	2.13										
5014150	B21_07	B21_07	337	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-26	2020-06-26	No								2020-06-27	6.36													
5013387	B21_07	B21_07	238	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-29	2020-06-29	No								2020-07-02	2.51		2020-08-10	8.36										
5013386	B21_07	B21_07	236	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-29	2020-06-29	No								2020-07-01	2.54													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5013592	B21_07	B21_07	205	GROSS ST	Lead	Lead	PEX	Copper	2020-06-29	2020-06-29	No								2020-07-02	ND													
5022554	B20_07	B20_07	5421	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-06-29		No								2020-06-30	5.1													
5014148	B21_07	B21_07	345	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-29	2020-06-29	No								2020-06-30	10.7		2020-09-24	1.27										
5009484	B17_07_A	B17_07_A	3921	WOOLSLAYER WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-06-29	2020-06-29	No								2020-07-01	2.36													
5078752	Ops	Urgent LSLR	1137	STANFORD RD	Lead	Lead	PEX	Copper	2020-06-30	2020-07-09	No	Yes	Emergency						2020-07-08	5.75													
5013424	B21_07	B21_07	241	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-30	2020-06-30	No								2020-07-02	ND													
5013579	B21_07	B21_07	249	GROSS ST	Lead	Lead	PEX	Copper	2020-06-30	2020-06-30	No								2020-07-02	3.14													
5013384	B21_07	B21_07	228	EDMOND ST	Lead	Lead	PEX	Copper	2020-06-30	2020-06-30	No								2020-07-01	5.43													
5009504	B17_07_A	B17_07_A	3712	PENN AVE	Lead	Lead	PEX	Copper	2020-06-30	2020-06-30	No								2020-07-01	ND													
5014149	B21_07	B21_07	341	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-06-30	2020-06-30	No								2020-07-01	3.8													
5013390	B21_07	B21_07	244	EDMOND ST	Lead	Lead	PEX	Copper	2020-07-01	2020-07-01	No								2020-07-13	1.15													
5014152	B21_07	B21_07	327	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-01	2020-07-01	No								2020-08-25	3.03													
5056962	SDWMR_2020A	SDWMR_2020A	617	INDUSTRY ST	Lead	Lead	PEX	Copper	2020-07-01	2020-07-01	No								2020-07-06	ND													
5022500	B20_07	B20_07	5435	DRESDEN WAY	Lead	Lead	PEX	Copper	2020-07-01	2020-07-01	No								2020-07-02	1.85													
5013557	B21_07	B21_07	244	GROSS ST	Lead	Lead	PEX	Copper	2020-07-01	2020-07-01	No								2020-09-09	3.76													
5026623	B19_09	B19_09	527	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-07-02	2020-07-02	No								2020-07-28	2.14													
5013422	B21_07	B21_07	245	EDMOND ST	Lead	Lead	PEX	Copper	2020-07-02	2020-07-02	No								2020-07-03	1.99													
5013553	B21_07	B21_07	234	GROSS ST	Lead	Lead	PEX	Copper	2020-07-02	2020-07-02	No								2020-07-02	17.9													
5014145	B21_07	B21_07	353	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-02	2020-07-02	No								2020-07-08	3.13													
5044646	Urgent LSLR	Urgent LSLR	917	S BRADDOCK AVE	Lead	Copper	PEX	Not Replaced	2020-07-02		No		Emergency						2020-07-08	2.68													
5013352	B21_07	B21_07	211	PEARL ST	Lead	Lead	PEX	Copper	2020-07-06	2020-07-06	No								2020-07-07	24		2020-10-09	2.8										
5014133	B21_07	B21_07	356	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-06	2020-07-07	No	Yes							2020-07-09	87		2021-05-25	10.1										
5009285	B17_07_A	B17_07_A	3523	PENN AVE	Lead	Lead	PEX	Copper	2020-07-06	2020-07-06	No								2020-07-07	3.2													
5056973	SDWMR_2020A	SDWMR_2020A	628	INDUSTRY ST	Lead	Lead	PEX	Copper	2020-07-06	2020-07-06	No								2020-07-08	1.5													
5026651	B19_09	B19_09	524	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-07-06	2020-07-06	No								2020-07-07	1.58													
5009481	B17_07_A	B17_07_A	3929 1/2	WOOLSLAYER WAY	Lead	Lead	PEX	Copper	2020-07-07	2020-07-07	No								2020-07-10	1.69													
5014143	B21_07	B21_07	361	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-07	2020-07-07	No								2020-07-11	1.44													
5056314	CEP_02	CEP_02	407	EUREKA ST	Lead	Lead	PEX	Copper	2020-07-07	2020-07-07	No								2020-07-18	2.63													
5022523	B20_07	B20_07	5326	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-07-07		No								2020-07-08	2.5		2020-07-08	4.87										
5013562	B21_07	B21_07	258	GROSS ST	Lead	Lead	PEX	Copper	2020-07-07	2020-07-07	No								2020-07-08	10.2		2020-07-08	2.51										
5056961	SDWMR_2020A	SDWMR_2020A	614	MANTON WAY	Lead	Lead	PEX	Copper	2020-07-07	2020-07-07	No								2020-07-10	ND													
5013380	B21_07	B21_07	220	EDMOND ST	Lead	Lead	PEX	Copper	2020-07-08	2020-07-08	No								2020-07-09	4.64													
5013347	B21_07	B21_07	219	PEARL ST	Lead	Lead	PEX	Copper	2020-07-08	2020-07-08	No								2020-07-10	143		2020-07-21	62.7		2020-07-29	37.9		2021-05-04	41.8		2021-07-10	1260	
5014130	B21_07	B21_07	348	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-08	2020-07-08	No								2020-07-12	2.07													
5022515	B20_07	B20_07	5400	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-07-08		No								2020-07-09	ND													
5056976	SDWMR_2020A	SDWMR_2020A	612	INDUSTRY ST	Lead	PEX	PEX	Not Replaced	2020-07-08		No								2020-07-09	2.57													
5013591	B21_07	B21_07	209	GROSS ST	Lead	Lead	PEX	Copper	2020-07-08	2020-07-08	No								2020-07-10	2.39													
5013382	B21_07	B21_07	224	EDMOND ST	Lead	Copper	PEX	Not Replaced	2020-07-09		No								2020-07-11	4.94													
5014142	B21_07	B21_07	365	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-09	2020-07-09	No								2020-07-15	7.01													
5022542	B20_07	B20_07	5300	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-07-09		No								2020-07-27	ND													
5020134	B20_07	B20_07	606	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-07-09	2020-07-09	No								2020-07-11	6.43													
5024631	B19_09	B19_09	5421	BROAD ST	Lead	Lead	PEX	Copper	2020-07-09	2020-07-09	No								2020-07-10	2.99													
5013350	B21_07	B21_07	215	PEARL ST	Lead	Lead	PEX	Copper	2020-07-09	2020-07-09	No								2020-07-10	8.67		2020-07-10	4.07										
5013423	B21_07	B21_07	243	EDMOND ST	Lead	Lead	PEX	Copper	2020-07-10	2020-07-10	No								2020-07-11	ND													
5013353	B21_07	B21_07	213	PEARL ST	Lead	Lead	PEX	Copper	2020-07-10	2020-07-10	No								2020-07-11	1.97													
5014141	B21_07	B21_07	369	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-10	2020-07-10	No								2020-07-14	ND													
5013560	B21_07	B21_07	254	GROSS ST	Lead	Copper	PEX	Not Replaced	2020-07-10		No								2020-07-11	2.95													
5019385	CEP_02	CEP_02	5306	ROSETTA ST	Lead	Copper	PEX	Not Replaced	2020-07-10		No								2020-07-13	5.85													
5035354	Urgent LSLR	Urgent LSLR	5521	DUNMOYLE AVE	Lead	PEX	PEX	Not Replaced	2020-07-10		No		Emergency						2020-07-27	ND													
1000044	B20_07	B20_07	5235	BUTLER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-07-13	2020-07-13	No								2020-07-14	ND		2020-07-28	ND										
5013381	B21_07	B21_07	222	EDMOND ST	Lead	Lead	PEX	Copper	2020-07-13	2020-07-13	No								2020-07-16	3.05													
5017791	B21_07	B21_07	214	PEARL ST	Lead	Lead	PEX	Copper	2020-07-13	2020-07-13	No								2020-07-15	4.89													
5013578	B21_07	B21_07	251	GROSS ST	Lead	Lead	PEX	Copper	2020-07-13	2020-07-13	No								2020-07-16	5.18													
5014131	B21_07	B21_07	350	S WINEBIDDLE ST	Lead	Copper	PEX	Not Replaced	2020-07-13		No								2020-08-03	4.71													
5035851	CEP_02	CEP_02	5544	WILKINS AVE	Lead	Lead	PEX	Copper	2020-07-16	2020-07-13	No	Yes							2020-08-21	3.75													
5027590	B19_09	B19_09	5511	DUNKIRK ST	Lead	Lead	PEX	Copper	2020-07-13	2020-07-13	No								2020-07-14	ND													
5019749	B20_07	B20_07	5231-5235	BUTLER ST	Lead	Copper	PEX	Not Replaced	2020-07-14		No								2020-07-16	ND													
5013304	B21_07	B21_07	116	EDMOND ST	Lead	Copper	PEX	Not Replaced	2020-07-14		No								2020-07-18	ND													
5013348	B21_07	B21_07	217 1/2	PEARL ST	Lead	Lead	PEX	Copper	2020-07-14	2020-07-14	No								2020-07-15	45.3													
5026709	B19_09	B19_09	423	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-07-14	2020-07-15	No	Yes							2020-07-16	7.45													
5026708	B19_09	B19_09	421	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-07-14	2020-07-14	No								2020-07-15	ND													
5024689	B19_09	B19_09	5445	ROSETTA ST	Lead	Lead	PEX	Copper	2020-07-14	2020-07-14	No								2020-07-18	7.24													
5014849	B21_07	B21_07	424	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-14	2020-07-14	No								2020-07-15	5.39													
5013570	B21_07	B21_07	263	GROSS ST	Lead	Lead	PEX	Copper	2020-07-14	2020-07-14	No								2020-07-15	2.71		2020-07-15	2.08		2020-07-15	1.81		2020-07-17	ND				
5017794	B21_07	B21_07	220	PEARL ST	Lead	Lead	PEX	Copper	2020-07-15	2020-07-15	No								2020-07-18	1.37													
5024687	B19_09	B19_09	5441	ROSETTA ST	Lead	Lead	PEX	Copper	2020-07-15	2020-07-15	No								2020-08-28	ND													
5020295	B20_07	B20_07	5109	KEYSTONE ST	Copper	Lead	PEX	Copper	2020-07-15	2020-07-15	No								2020-09-04	ND													
5013407	B21_07	B21_07	4743	FRIENDSHIP AVE	Lead	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-07-17	ND													
5014147	B21_07	B21_07	349	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-10-12	1.9													
5013340	B21_07	B21_07	233	PEARL ST	Lead	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-07-19	7.84													
5024578	B19_09	B19_09	5411	COLUMBO ST	Lead	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-07-17	2.83													
5027241	B19_09	B19_09	209	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-07-18	36.4		2020-10-10	3.01										
5032145	SDWMR_2020B	SDWMR_2020B	7363	STRANAHAN ST	Copper	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-09-24	10.6													
5057358	SDWMR_2020A	SDWMR_2020A	952	LOYAL WAY	Copper	Lead	PEX	Copper	2020-07-16	2020-07-16	No								2020-07-20	1.19													
5064626	SDWMR_2020B	SDWMR_2020B	1920	SEDGWICK ST	Lead	Lead	PEX	Copper	2020-07-17	2020-07-17	No								2020-07-17	5.52													
5017793	B21_07	B21_07	218	PEARL ST	Lead	Lead	PEX	Copper	2020-07-17	2020-07-17	No								2020-07-19	1.45		2020-07-20	5										
5013470	B21_07	B21_07	255	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-22	15		2020-10-28	ND										
5064459	SDWMR_2020B	SDWMR_2020B	1122	MORRISON ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2021-03-18	ND													
5020362	B20_07	B20_07	5120	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-24	1.11													
5064462	SDWMR_2020B	SDWMR_2020B	1116	MORRISON ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-20	ND													
5064464	SDWMR_2020B	SDWMR_2020B	1110	MORRISON ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-20	55.1													
5013656	B21_07	B21_07	226	S EVALINE ST	Lead	Copper	PEX	Not Replaced	2020-07-20		No								2020-07-21	7.48													
5026612	B19_09	B19_09	5431	COLUMBO ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-22	1.1													
5014086	B21_07	B21_07	383	GROSS ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-21	11		2020-11-05	1.47										
5024684	B19_09	B19_09	300	N GRAHAM ST	Lead	Lead	PEX	Copper	2020-07-20	2020-07-20	No								2020-07-22	ND													
5064460	SDWMR_2020B	SDWMR_2020B	1120	MORRISON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-07-21	2020-07-21	No								2021-03-18	ND													
5013471	B21_07	B21_07	253	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-07-21	2020-07-21	No								2020-07-24	2.99													
5020293	B20_07	B20_07	5105	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-07-21	2020-07-21	No								2020-07-21	ND													
5014087	B21_07	B21_07	377	GROSS ST	Lead	Lead	PEX	Copper	2020-07-21	2020-07-21	No								2020-07-22	23.5		2020-10-31	8.09										
5064461	SDWMR_2020B	SDWMR_2020B	1118	MORRISON ST	Lead	PEX	PEX	Not Replaced	2020-07-21		No								2020-07-23	ND													
5026710	B19_09	B19_09	429	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-07-21	2020-07-21	No								2020-07-24	3.13													
5017928	B21_07	B21_07	160	PEARL ST	Lead	Lead	PEX	Copper	2020-07-22	2020-07-22	No								2020-07-23	3.96													
5020292	B20_07	B20_07	5104	NATRONA WAY	Lead	Lead	PEX	Copper	2020-07-22	2020-07-22	No								2020-07-23	ND													
5013666	B21_07	B21_07	223	S EVALINE ST	Lead	Lead	PEX	Copper	2020-07-22	2020-07-22	No								2020-09-14	4.52													
5014089	B21_07	B21_07	381	GROSS ST	Lead	Lead	PEX	Copper	2020-07-22	2020-07-22	No								2020-07-25	35.1		2020-10-26	64		2020-11-10	4.57							
5013469	B21_07	B21_07	257	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-08-02	1.37													
5055384	SDWMR_2020A	SDWMR_2020A	20	MOUNT OLIVER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-07-23	2020-07-23	No								2020-07-24	1.53													
5055400	SDWMR_2020A	SDWMR_2020A	54	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-24	1.01													
5055393	SDWMR_2020A	SDWMR_2020A	40	MOUNT OLIVER ST	Lead	Copper	PEX	Not Replaced	2020-07-23		No								2020-07-25	2.36													
5055381	SDWMR_2020A	SDWMR_2020A	27	MOUNT OLIVER ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-07-23	2020-07-23	No								2020-07-26	ND													
5013759	B21_07	B21_07	213	S EVALINE ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-24	2.03													
5055382	SDWMR_2020A	SDWMR_2020A	25	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-24	ND													
5027572	B19_09	B19_09	201	N NEGLEY AVE	Lead Tailpiece	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-27	73.6		2020-08-03	7.21										

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5055376	SDWMR_2020A	SDWMR_2020A	41	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-27	1.89														
5027228	B19_09	B19_09	5470	ROSETTA ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-28	9.75														
5055383	SDWMR_2020A	SDWMR_2020A	18	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-07-23	2020-07-23	No								2020-07-24	ND														
5013362	B21_07	B21_07	149	PEARL ST	Lead	Lead	PEX	Copper	2020-07-24	2020-07-24	No								2020-07-28	12.3		2020-10-26	2.46											
5055397	SDWMR_2020A	SDWMR_2020A	48	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-07-24	2020-07-24	No								2020-07-25	8.77														
5014096	B21_07	B21_07	361	GROSS ST	Lead	Lead	PEX	Copper	2020-07-24	2020-07-24	No								2020-07-24	1.71														
5013659	B21_07	B21_07	238	S EVALINE ST	Lead	Copper	PEX	Not Replaced	2020-07-24		No								2020-08-01	2.61		2020-08-04	ND										
5055420	SDWMR_2020A	SDWMR_2020A	16	MOUNT OLIVER ST	Lead	Copper	PEX	Not Replaced	2020-07-24		No								2020-08-06	ND														
5055395	SDWMR_2020A	SDWMR_2020A	44	MOUNT OLIVER ST	Lead	Lead	PEX	Copper	2020-07-24	2020-07-24	No								2020-08-08	ND														
5028210	Ops	Urgent LSLR	1020	WINTERTON ST	Lead	Lead	PEX	Copper	2020-07-27	2020-08-10	No			Emergency					2020-08-11	3.63														
5013460	B21_07	B21_07	242	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-07-27	2020-07-27	No								2020-09-25	5.83														
5013660	B21_07	B21_07	242	S EVALINE ST	Lead	Lead	PEX	Copper	2020-07-27	2020-07-27	No								2020-07-31	9.7														
5013476	B21_07	B21_07	243	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-07-27	2020-07-27	No								2020-07-30	5.63														
5026775	B19_09	B19_09	534	N NEGLEY AVE	Lead	Lead	PEX	Copper	2020-07-27	2020-07-27	No								2020-07-29	2.38														
5014097	B21_07	B21_07	357	GROSS ST	Lead	Lead	PEX	Copper	2020-07-27	2020-07-27	No								2020-07-28	5.54														
5013458	B21_07	B21_07	238	S MATHILDA ST	Lead Tailpiece	Lead	Copper	PEX	2020-07-28	2020-07-29	No	Yes							2020-09-14	ND														
5024566	B19_09	B19_09	420	N GRAHAM ST	Lead	Lead	PEX	Copper	2020-07-28	2020-07-28	No								2020-07-29	ND														
5022700	B20_07	B20_07	207	57TH ST	Lead	Lead	PEX	Copper	2020-07-28	2020-07-28	No								2020-07-29	ND														
5029266	SDWMR_2020B	SDWMR_2020B	6573	ROWAN ST	Lead	Copper	PEX	Not Replaced	2020-07-28		No								2020-08-03	ND														
5026576	SDWMR_2020B	SDWMR_2020B	6200	JACKSON ST	Lead	Lead	PEX	Copper	2020-07-29	2020-07-29	No	Yes							2020-08-04	ND														
5022690	B20_07	B20_07	112	57TH ST	Lead	Lead	PEX	Copper	2020-07-29	2020-07-29	No								2020-08-02	ND														
5013329	B21_07	B21_07	125	PEARL ST	Lead	Lead	PEX	Copper	2020-07-29	2020-07-29	No								2020-10-01	248		2020-10-13	8.02		2020-11-01	26								
5022702	B20_07	B20_07	209	57TH ST	Lead	Lead	PEX	Copper	2020-07-29	2020-07-29	No								2020-08-04	ND														
5031199	CEP_02	CEP_02	1628	LINCOLN AVE	Copper	Lead	Not Replaced	Copper		2020-07-29	No								2020-08-03	1.37														
5013665	B21_07	B21_07	225	S EVALINE ST	Lead	Lead	PEX	Copper	2020-07-29	2020-07-29	No								2020-07-31	ND														
5013516	B21_07	B21_07	210	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-07-30	2020-07-30	No								2020-07-31	33.2														
5013453	B21_07	B21_07	228	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-07-30	2020-08-03	No	Yes							2020-08-04	33.6														
5040796	CEP_02	CEP_02	205	N DALLAS AVE	Lead	Lead	PEX	Copper	2020-07-30	2020-07-30	No								2020-08-01	ND														
5055404	SDWMR_2020A	SDWMR_2020A	62	MOUNT OLIVER ST	Lead	Copper	PEX	Not Replaced	2020-07-30		No								2020-07-31	8.47														
5023087	B20_07	B20_07	249	57TH ST	Lead	Lead	PEX	Copper	2020-07-30	2020-07-30	No								2020-09-11	1.37														
5055379	SDWMR_2020A	SDWMR_2020A	35	MOUNT OLIVER ST	Lead	Copper	PEX	Not Replaced	2020-07-30		No								2020-07-31	ND														
5026746	B19_09	B19_09	525	N NEGLEY AVE	Lead	Lead	PEX	Copper	2020-07-30	2020-07-30	No								2020-09-21	ND														
5026564	SDWMR_2020B	SDWMR_2020B	830	COLLINS AVE	Copper	Lead	PEX	Copper	2020-07-31	2020-07-31	No								2020-08-03	ND														
5032149	SDWMR_2020B	SDWMR_2020B	7403	STRANAHAN ST	Copper	Lead	PEX	Copper	2020-08-01	2020-08-01	No								2020-08-01	4.37														
5029272	SDWMR_2020B	SDWMR_2020B	6555	ROWAN ST	Lead	Lead	PEX	Copper	2020-08-03	2020-08-03	No								2020-08-04	7.69														
5013452	B21_07	B21_07	226	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-03	2020-08-04	No	Yes							2020-10-27	14.7		2020-12-11	17.4										
5026582	SDWMR_2020B	SDWMR_2020B	6135	JACKSON ST	Lead	Lead	PEX	Copper	2020-08-03	2020-08-03	No								2020-08-05	ND														
5026583	SDWMR_2020B	SDWMR_2020B	6129	JACKSON ST	Lead	Lead	PEX	Copper	2020-08-03	2020-08-03	No								2020-08-05	5.25														
5013530	B21_07	B21_07	227	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-03	2020-08-03	No								2020-08-04	7.52														
5053225	Ops	Urgent LSLR	102	S 11TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-04	2020-08-13	No	Yes	Emergency						2020-08-14	1.15														
5013312	B21_07	B21_07	113	PEARL ST	Lead	Lead	PEX	Copper	2020-08-04	2020-08-04	No								2020-08-10	2.35														
5031356	Urgent LSLR	Urgent LSLR	1384	PAULSON AVE	Lead	Lead	PEX	Copper	2020-08-04	2020-08-04	No		Emergency						2020-08-05	11		2020-11-12	5.7										
5013464	B21_07	B21_07	250	S MATHILDA ST	Lead	Copper	PEX	Not Replaced	2020-08-04		No								2020-08-06	4.46														
5055131	SDWMR_2020A	SDWMR_2020A	1618	ST PATRICK ST	Lead	Lead	PEX	Copper	2020-08-04	2020-08-04	No								2020-12-29	2.2														
5027595	B19_09	B19_09	126	N FAIRMOUNT ST	Lead	Copper	PEX	Not Replaced	2020-08-04		No								2020-08-06	6.08														
5013508	B21_07	B21_07	226	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-04	2020-08-04	No								2020-08-05	28.7														
5029267	SDWMR_2020B	SDWMR_2020B	6569	ROWAN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-05	2020-08-05	No								2020-08-07	4.58														
5013311	B21_07	B21_07	111	PEARL ST	Lead	Copper	PEX	Not Replaced	2020-08-05		No								2020-08-05	ND														
5013475	B21_07	B21_07	245	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-05	2020-08-05	No								2020-08-20	ND														
5055133	SDWMR_2020A	SDWMR_2020A	1648	ST PATRICK ST	Lead	Copper	PEX	Not Replaced	2020-08-05		No								2020-08-06	3.5														
5013313	B21_07	B21_07	115	PEARL ST	Lead	Lead	PEX	Copper	2020-08-05	2020-08-05	No								2020-09-19	ND														
5019767	B20_07	B20_07	5232	HARRISON ST	Lead	PEX	PEX	Not Replaced	2020-08-05		No								2020-08-16	ND														
5022701	B20_07	B20_07	209	57TH ST REAR	Lead	Lead	PEX	Copper	2020-08-05	2020-08-05	No								2020-08-06	ND														
5055161	SDWMR_2020A	SDWMR_2020A	1802	ST PATRICK ST	Lead	Copper	PEX	Not Replaced	2020-08-05		No								2020-08-07	31.6		2020-11-16	1.67										
5013765	B21_07	B21_07	201	S EVALINE ST	Lead	Lead	PEX	Copper	2020-08-06	2020-08-06	No								2020-08-13	2.81														
5022709	B20_07	B20_07	207	57TH ST REAR	Lead	Lead	PEX	Copper	2020-08-06	2020-08-06	No								2020-08-07	ND														
5013514	B21_07	B21_07	214	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-06	2020-08-06	No								2020-08-08	3.05														
5027178	SDWMR_2020B	SDWMR_2020B	817	COLLINS AVE	Lead	Lead	PEX	Copper	2020-08-07	2020-08-07	No								2020-08-08	ND														
5013539	B21_07	B21_07	201	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-07	2020-08-07	No								2020-08-08	1.1		2020-08-10	2.23										
5022568	B20_07	B20_07	5415	BERLIN WAY	Lead	Galvanized Iron	PEX	Copper	2020-08-08	2020-08-08	No								2020-12-07	ND														
5066086	B22_01	B22_01	1221	ARCH ST	Lead	Copper	PEX	Not Replaced	2020-08-10		No								2020-08-10	ND														
5065843	B22_01	B22_01	1208	MONTEREY ST	Lead	Lead	PEX	Copper	2020-08-10	2020-08-10	No								2020-08-12	2.84														
5013485	B21_07	B21_07	217	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-10	2020-08-10	No								2020-08-16	5.73														
5013509	B21_07	B21_07	224	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-10	2020-08-10	No								2020-08-13	5.38														
5066082	B22_01	B22_01	1217	ARCH ST	Lead	Lead	PEX	Copper	2020-08-10	2020-08-10	No								2020-08-11	ND														
5011096	Ops	Urgent LSLR	235	CARRON ST	Lead	Lead	PEX	Copper	2020-08-11	2020-08-20	No	Yes	Emergency						2020-08-21	2.17														
5065977	B22_01	B22_01	1241	PALO ALTO ST	Lead	Lead	PEX	Copper	2020-08-11	2020-08-11	No								2020-08-14	3.97														
5022681	B20_07	B20_07	5632	DONSON WAY	Lead	Lead	PEX	Copper	2020-08-11	2020-08-11	No								2020-08-11	5.92														
5065859	B22_01	B22_01	1237	MONTEREY ST	Lead	Lead	PEX	Copper	2020-08-11	2020-08-11	No								2020-08-13	ND														
5013648	B21_07	B21_07	5143	CORAL ST	Lead	Lead	PEX	Copper	2020-08-11	2020-08-11	No								2020-08-13	ND														
5065860	B22_01	B22_01	1239	MONTEREY ST	Lead	Copper	PEX	Not Replaced	2020-08-11		No								2020-08-15	ND														
5013510	B21_07	B21_07	222	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-11	2020-08-11	No								2020-08-12	14.5		2021-05-12	ND										
5013875	B21_07	B21_07	134	S GRAHAM ST	Lead	Lead	PEX	Copper	2020-08-12	2020-08-12	No								2020-08-14	2.14														
5065990	B22_01	B22_01	1228	PALO ALTO ST	Lead	Lead	PEX	Copper	2020-08-12	2020-08-12	No								2020-08-13	ND														
5065849	B22_01	B22_01	1219	MONTEREY ST	Lead	Copper	PEX	Not Replaced	2020-08-12		No								2020-08-14	1.31														
5018990	CEP_02	CEP_02	5218	COLUMBO ST	Lead	Lead	PEX	Copper	2020-08-12	2020-08-12	No								2020-08-13	3.15														
5065964	B22_01	B22_01	1223	PALO ALTO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-12	2020-08-12	No								2020-08-13	1.55														
5013449	B21_07	B21_07	220	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-12	2020-08-12	No								2020-08-14	14.5		2020-11-10	5.95										
5065855	B22_01	B22_01	1229	MONTEREY ST	Lead	Copper	PEX	Not Replaced	2020-08-12		No								2020-08-16	ND														
5055493	SDWMR_2020A	SDWMR_2020A	2420	GABLE ST	Lead	Lead	PEX	Copper	2020-08-12	2020-08-12	No								2020-08-13	ND														
5013450	B21_07	B21_07	222	S MATHILDA ST	Lead	PEX	PEX	Not Replaced	2020-08-12		No								2020-08-14	3.65														
5016497	Ops	Urgent LSLR	225	MAIN ST	Lead	Lead	PEX	Copper	2020-08-13	2020-08-19	No	Yes	Emergency						2020-08-25	ND														
5013504	B21_07	B21_07	234	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-13	2020-08-13	No								2020-08-14	7.69														
5023075	B20_07	CEP_03	238	57TH ST	Copper	Lead	Not Replaced	Copper		2020-08-13	No								2020-08-14	3.83														
5013410	B21_07	B21_07	4749	FRIENDSHIP AVE	Lead	Lead	PEX	Copper	2020-08-13	2020-08-13	No								2020-08-16	10.8		2020-10-25	4.22										
5022680	B20_07	B20_07	5631	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-08-13		No								2020-08-14	7.3														
5023039	B20_07	B20_07	206	57TH ST	Lead	Lead	PEX	Copper	2020-08-13	2020-08-13	No								2020-08-17	7.01														
5066122	B22_01	B22_01	1228	ARCH ST	Lead	Copper	PEX	Not Replaced	2020-08-13		No								2020-08-14	3.56														
5066124	B22_01	B22_01	1224	ARCH ST	Lead	Lead	PEX	Copper	2020-08-13	2020-08-13	No								2020-08-15	15.6														
5055165	SDWMR_2020A	SDWMR_2020A	1830	ST PATRICK ST	Lead	Copper	PEX	Not Replaced	2020-08-13		No								2020-08-17	1.34														
5065975	B22_01	B22_01	1239	PALO ALTO ST	Lead	Copper	PEX	Not Replaced	2020-08-13		No								2020-08-22	ND														
5013647	B21_07	B21_07	5127	CORAL ST	Lead	Lead	PEX	Copper	2020-08-14	2020-08-14	No								2020-08-15	2.93														
5013862	B21_07	B21_07	113	S GRAHAM ST	Lead	Lead	PEX	Copper	2020-08-14	2020-08-14	No								2020-08-18	ND														
5055140	SDWMR_2020A	SDWMR_2020A	1729	ST PATRICK ST	Lead	Lead	PEX	Copper	2020-08-14	2020-08-14	No								2020-08-16	4.2														
5065884	B22_01	B22_01	1216	BUENA VISTA ST	Lead	Lead	PEX	Copper	2020-08-17	2020-08-17	No								2020-08-21	23.7		2020-11-30	17.8		2021-02-20	2.55								
5065883	B22_01	B22_01	1218	BUENA VISTA ST	Lead	Copper	PEX	Not Replaced	2020-08-17		No								2020-08-17	46		2020-11-30	ND										
5066098	B22_01	B22_01	1325	ARCH ST	Lead	Lead	PEX	Copper	2020-08-17	2020-08-17	No								2020-08-24	ND														
5013772	B21_07	B21_07	5157	CORAL ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-17	2020-08-17	No								2020-10-25	4.02														
5013524	B21_07	B21_07	243	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-17	2020-08-17	No								2020-08-20	6														
5013871	B21_07	B21_07	131	S GRAHAM ST	Lead	Lead	PEX	Copper	2020-08-17	2020-08-17	No								2020-08-26	ND														
5026150	CEP_02	CEP_02	610	CHISLETT ST	Lead	Lead	PEX	Copper	2020-08-17	2020-08-17	No								2020-08-20	4.43														
5065981	B22_01	B22_01	1245	PALO ALTO ST	Lead	Lead	PEX	Copper	2020-08-17	2020-08-17	No								2020-08-18	2.86														
5065985	B22_01	B22_01	1240	PALO ALTO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-17	2020-08-17	No								2020-09-10	ND														

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5065885	B22_01	B22_01	1214	BUENA VISTA ST	Lead	Lead	PEX	Copper	2020-08-18	2020-08-18	No								2020-08-20	11.6		2020-11-27	15.5		2021-02-21	5.37							
5065998	B22_01	B22_01	1218	PALO ALTO ST	Lead	Copper	PEX	Not Replaced	2020-08-18		No								2020-08-19	ND													
5013525	B21_07	B21_07	241	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-18	2020-08-18	No								2020-08-19	18.3		2020-12-10	6.22										
5013454	B21_07	B21_07	230	S MATHILDA ST	Lead	Copper	PEX	Not Replaced	2020-08-18		No								2020-08-19	ND													
5066115	B22_01	B22_01	1322	ARCH ST	Lead	Lead	PEX	Copper	2020-08-18	2020-08-18	No								2020-08-19	22.2		2020-11-30	1.34										
5065996	B22_01	B22_01	1222	PALO ALTO ST	Lead	Lead	PEX	Copper	2020-08-18	2020-08-18	No								2020-08-26	2.81													
5022687	B20_07	B20_07	5645	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-08-18	2020-08-18	No								2020-08-21	ND													
5013446	B21_07	B21_07	214	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-18	2020-08-19	No	Yes							2020-08-21	2.08													
5066094	B22_01	B22_01	1307	ARCH ST	Lead	Lead	PEX	Copper	2020-08-18	2020-08-18	No								2020-08-21	3.18													
5066004	B22_01	B22_01	1206	PALO ALTO ST	Lead	Copper	PEX	Not Replaced	2020-08-19		No								2020-08-22	1.05													
5065957	B22_01	B22_01	1211	PALO ALTO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-19	2020-08-19	No								2020-08-22	4.68													
5066120	B22_01	B22_01	1302	ARCH ST	Lead	Lead	PEX	Copper	2020-08-19	2020-08-19	No								2020-08-21	3.01													
5013757	B21_07	B21_07	5154	CORAL ST	Lead	Lead	PEX	Copper	2020-08-19	2020-08-19	No								2020-08-20	133		2020-08-20	55.1		2020-08-20	24.6		2020-10-09	2.1				
5022711	B20_07	B20_07	201	57TH ST REAR	Lead	Lead	PEX	Copper	2020-08-19	2020-08-19	No								2020-08-21	ND													
5055163	SDWMR_2020A	SDWMR_2020A	1826	ST PATRICK ST	Lead	Lead	PEX	Copper	2020-08-20	2020-08-21	No	Yes							2020-08-24	4.85													
5065888	B22_01	B22_01	1223	BUENA VISTA ST	Lead	Copper	PEX	Not Replaced	2020-08-20		No								2020-08-21	ND													
5013487	B21_07	B21_07	213	S MATHILDA ST	Lead	Copper	PEX	Not Replaced	2020-08-20		No								2020-08-21	8.42													
5022692	B20_07	B20_07	201	57TH ST	Lead	Lead	PEX	Copper	2020-08-20	2020-08-20	No								2020-08-21	34.1													
5055489	SDWMR_2020A	SDWMR_2020A	2435	GABLE ST	Copper	Lead	PEX	Copper	2020-08-20	2020-08-20	No								2020-08-23	ND													
5066075	B22_01	B22_01	1207	ARCH ST	Lead	Lead	PEX	Copper	2020-08-20	2020-08-20	No								2020-08-23	3.05													
5066088	B22_01	B22_01	1225	ARCH ST	Lead	Copper	PEX	Not Replaced	2020-08-20		No								2020-08-25	1.33													
5013502	B21_07	B21_07	238	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-21	2020-08-21	No								2020-08-22	11.2		2020-12-06	1.05										
5013922	B21_07	B21_07	5416	CORAL ST	Lead	Lead	PEX	Copper	2020-08-21	2020-08-21	No								2020-08-25	4.26													
5019777	B20_07	B20_07	106	53RD ST	Lead	Copper	PEX	Not Replaced	2020-08-24		No								2020-09-24	2.63													
5020361	B20_07	B20_07	5118	KEYSTONE ST	Lead	Lead	PEX	Copper	2020-08-24	2020-08-24	No								2020-08-31	1.21													
5013327	B21_07	B21_07	201	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-24	2020-08-24	No								2020-08-25	7.9													
5066238	B22_01	B22_01	117	HEMLOCK ST	Lead	Lead	PEX	Copper	2020-08-24	2020-08-24	No								2020-08-26	1.19													
5067007	CEP_02	CEP_02	935	ITEN ST	Lead	Lead	PEX	Copper	2020-08-24	2020-08-24	No								2020-08-25	ND													
5066241	B22_01	B22_01	1321	SANDUSKY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-24	2020-08-24	No								2020-08-24	ND													
5065887	B22_01	B22_01	1221	BUENA VISTA ST	Lead	Copper	PEX	Not Replaced	2020-08-24		No								2020-09-01	ND													
5055290	SDWMR_2020A	SDWMR_2020A	29	ST THOMAS ST	Lead	Copper	PEX	Not Replaced	2020-08-24		No								2020-08-28	9.67													
5066235	B22_01	B22_01	113	HEMLOCK ST	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-11-25	1.43													
5065878	B22_01	B22_01	1228	BUENA VISTA ST	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-08-26	1.11													
5013890	B21_07	B21_07	5415	CORAL ST	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-08-26	1.16													
5020039	B20_07	B20_07	5240	KEYSTONE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-25	2020-08-25	No								2020-08-26	ND													
5013536	B21_07	B21_07	209	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-08-26	5.55													
5013489	B21_07	B21_07	203	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-08-31	9.71													
5013918	B21_07	B21_07	5407	CORAL ST	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-08-27	2.45													
5065880	B22_01	B22_01	1224	BUENA VISTA ST	Lead	Lead	PEX	Copper	2020-08-25	2020-08-25	No								2020-08-26	ND													
5048203	CEP_02	CEP_02	5024	AMPERE ST	Copper	Lead	Not Replaced	Copper		2020-08-25	No								2020-08-29	4.37													
5013498	B21_07	B21_07	246	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-26	2020-08-26	No								2020-08-26	19.2		2020-08-27	6.52										
5013442	B21_07	B21_07	206	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-26	2020-08-26	No								2020-08-27	16.6		2020-11-28	2.74										
5019727	B20_07	B20_07	5152	BUTLER ST	Lead	Lead	PEX	Copper	2020-08-26	2020-08-26	No								2020-10-25	ND		2020-10-28	ND										
5019755	B20_07	B20_07	39	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-08-26	2020-08-26	No								2020-08-27	21		2020-11-30	ND										
5013443	B21_07	B21_07	208	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-26	2020-08-26	No								2020-10-01	1.21													
5065799	B22_01	B22_01	1213	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-08-26		No								2020-08-30	ND													
5065796	B22_01	B22_01	1207	RESACA PL	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-08-27	2020-08-27	No								2020-08-29	3.35													
5066230	B22_01	B22_01	1312	BOYLE ST	Lead	Lead	PEX	Copper	2020-08-27	2020-08-27	No								2020-11-04	ND													
5022458	B20_07	B20_07	5331	CARNEGIE ST	Lead	Copper	PEX	Not Replaced	2020-08-27		No								2020-08-28	19.9		2021-02-15	ND										
5019754	B20_07	B20_07	41	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2020-08-27	2020-08-27	No								2020-08-28	2.32													
5054922	SDWMR_2020A	SDWMR_2020A	6	MAGDALENE ST	Lead	Copper	PEX	Not Replaced	2020-08-27		No								2020-08-29	ND													
5066220	B22_01	B22_01	1222	BOYLE ST	Lead	Copper	PEX	Not Replaced	2020-08-27		No								2020-08-30	1.15													
5013324	B21_07	B21_07	204	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-08-27	2020-08-27	No								2020-10-14	3.07													
5013527	B21_07	B21_07	233	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-27	2020-08-27	No								2020-08-28	31.8		2020-11-30	8.17										
5065941	B22_01	B22_01	1208	RESACA PL	Lead	Lead	PEX	Copper	2020-08-28	2020-08-28	No								2020-08-28	ND													
5013505	B21_07	B21_07	232	S MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-28	2020-08-29	No	Yes							2020-08-30	7.7													
5054921	SDWMR_2020A	SDWMR_2020A	2	MAGDALENE ST	Copper	Lead	PEX	Copper	2020-08-28	2020-08-28	No								2020-08-29	58.2		2020-12-13	ND										
5018859	CEP_02	CEP_02	421	N MILLVALE AVE	Lead	Lead	PEX	Copper	2020-08-28	2020-08-28	No								2020-08-30	3.66													
5066209	B22_01	B22_01	1200	BOYLE ST	Lead	Copper	PEX	Not Replaced	2020-08-31		No								2020-09-02	2.83													
5065945	B22_01	B22_01	1202	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-08-31		No								2020-09-01	4.22													
5019747	B20_07	B20_07	5229	BUTLER ST	Lead	Lead	PEX	Copper	2020-08-31	2020-08-31	No								2020-09-02	7.01													
5014154	B21_07	B21_07	305	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2020-08-31	2020-08-31	No								2020-08-31	33.6													
5065811	B22_01	B22_01	1237	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-08-31		No								2020-09-01	ND													
5078008	SDWMR_2019	SDWMR_2019	3510	MASSACHUSETTS AVE	Lead	Copper	PEX	Not Replaced	2020-09-01		No								2020-09-01	ND		2020-09-02	2.88										
5078005	SDWMR_2019	SDWMR_2019	3518	MASSACHUSETTS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-01	2020-09-01	No								2020-09-02	7.22													
5023022	B20_07	B20_07	5612	DONSON WAY	Lead	Copper	PEX	Not Replaced	2020-09-01		No								2020-10-13	1.42													
5066368	B22_01	B22_01	1114	RESACA PL	Lead	Lead	PEX	Copper	2020-09-01	2020-09-01	No								2020-09-03	2.37													
5065807	B22_01	B22_01	1229	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-09-01		No								2020-09-04	1.46													
5065929	B22_01	B22_01	1230	RESACA PL	Lead	Lead	PEX	Copper	2020-09-01	2020-09-01	No								2020-09-03	1.21													
5013445	B21_07	B21_07	210	S MATHILDA ST	Lead	Lead	PEX	Copper	2020-09-02	2020-09-02	No								2020-09-20	27.8													
5066213	B22_01	B22_01	1207	LORAINE ST	Lead	Lead	PEX	Copper	2020-09-02	2020-09-02	No								2020-09-04	ND													
5065810	B22_01	B22_01	1235	RESACA PL	Lead	Lead	PEX	Copper	2020-09-02	2020-09-02	No								2020-09-05	1.48													
5065925	B22_01	B22_01	1236	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-09-02		No								2020-09-30	3.25													
5016234	Ops	Urgent LSLR	309	45TH ST	Copper	Lead	Not Replaced	Copper		2020-09-02	No		Emergency						2020-09-08	1.22													
5022352	Ops	Urgent LSLR	914	HIGHVIEW ST	Lead	Lead	PEX	Copper	2020-09-03	2020-09-10	No	Yes	Emergency						2020-09-24	1.86													
5066218	B22_01	B22_01	1214	BOYLE ST	Lead	Lead	PEX	Copper	2020-09-03	2020-09-03	No								2020-09-08	1.25													
5055288	SDWMR_2020A	SDWMR_2020A	31	ST THOMAS ST	Lead	Lead	PEX	Copper	2020-09-03	2020-09-03	No								2020-09-07	5.57													
5065927	B22_01	B22_01	1232	RESACA PL	Lead	Lead	PEX	Copper	2020-09-03	2020-09-03	No								2020-09-04	3.1													
5065805	B22_01	B22_01	1225	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-09-03		No								2020-09-05	ND													
5066215	B22_01	B22_01	1209	LORAINE ST	Lead	Lead	PEX	Copper	2020-09-03	2020-09-03	No								2020-09-22	1.55													
5042625	Ops	Urgent LSLR	2057	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2020-09-04	2020-09-22	No	Yes	Emergency						2020-09-23	ND													
5025371	Ops	Urgent LSLR	5815	ELGIN ST	Lead	Lead	PEX	Copper	2020-09-04	2020-09-14	No	Yes	Emergency						2020-09-14	9.88													
5023021	B20_07	B20_07	5614	DONSON WAY	Lead	Lead	PEX	Copper	2020-09-04	2020-09-04	No								2020-10-18	ND													
5070832	B22_01	B22_01	1413	PORTERFIELD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-08	2020-09-08	No								2020-10-01	6.12													
5000643	B16_06	B16_06	312	GIST ST	Lead	Copper	PEX	Not Replaced	2020-09-08		No								2020-11-14	ND													
5065930	B22_01	B22_01	1228	RESACA PL	Lead Tailpiece	Lead	PEX	Copper	2020-09-08	2020-09-08	No								2020-09-10	1.02													
5065802	B22_01	B22_01	1219	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-09-08		No								2020-09-11	14.7													
5066071	B22_01	B22_01	1109	ARCH ST	Lead	Copper	PEX	Not Replaced	2020-09-09		No								2020-09-10	ND													
5070833	B22_01	B22_01	1415	PORTERFIELD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-09	2020-09-09	No								2020-09-10	75.7		2020-10-06	5.6										
5070838	B22_01	B22_01	1425	PORTERFIELD ST	Lead	Copper	PEX	Not Replaced	2020-09-09		No								2020-09-10	2.78													
5066078	B22_01	B22_01	1211	ARCH ST	Lead	Lead	PEX	Copper	2020-09-09	2020-09-09	No								2020-11-25	ND													
5022572	B20_07	B20_07	5403	BERLIN WAY	Lead	Copper	PEX	Not Replaced	2020-09-09		No								2020-09-10	ND													
5016493	Urgent LSLR	Urgent LSLR	215	MAIN ST	Lead	Lead	PEX	Copper	2020-09-09	2020-09-09	No		Emergency						2020-09-13	ND													
5065944	B22_01	B22_01	1204	RESACA PL	Lead	Lead	PEX	Copper	2020-09-10	2020-09-10	No								2020-09-10	ND													
5065795	B22_01	B22_01	1205	RESACA PL	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-10	2020-09-10	No								2020-09-10	ND													
5066024	B22_01	B22_01	1321	VETO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-10	2020-09-10	No								2020-09-11	11		2020-12-14	ND										
5066021	B22_01	B22_01	1327	VETO ST	Lead	Lead	PEX	Copper	2020-09-10	2020-09-10	No								2020-09-15	4.09													
5078004	SDWMR_2019	SDWMR_2019	3522	MASSACHUSETTS AVE	Lead	Lead	PEX	Copper	2020-09-10	2020-09-10	No								2020-09-11	1.43													
5065936	B22_01	B22_01	1216	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-09-10		No								2020-09-11	ND													
5000520	B16_06	B16_06	113	GIST ST	Lead	Copper	PEX	Not Replaced	2020-09-11		No								2020-09-12	ND													
5027276	CEP_03	CEP_03	324	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-09-11	2020-09-11	No								2020-09-14	2.77													
5078002	SDWMR_2019	SDWMR_2019	3526	MASSACHUSETTS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-11	2020-09-11	No								2020-12-09	ND													
5066127	B22_01	B22_01	1216	ARCH ST	Lead	Lead	PEX	Copper	2020-09-11	2020-09-11	No								2020-09-12	7.16													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5066031	B22_01	B22_01	1300	SHERMAN AVE	Lead	Copper	PEX	Not Replaced	2020-09-11		No								2020-09-14	1.62													
5013331	B21_07	B21_07	4922	PENN AVE	Lead	Copper	PEX	Not Replaced	2020-09-12		No								2020-09-16	1.73													
5066010	B22_01	B22_01	1225	SHERMAN AVE	Lead	Copper	PEX	Not Replaced	2020-09-14		No								2020-09-26	ND													
5028299	CEP_03	CEP_03	6336	JACKSON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-14	2020-09-14	No								2020-09-18	ND													
5027271	CEP_03	CEP_03	304	N FAIRMOUNT ST	Lead	Lead	PEX	Copper	2020-09-14	2020-09-14	No								2020-09-18	1.17													
5066084	B22_01	B22_01	1220	VETO ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-14	2020-09-14	No								2020-09-21	ND													
5009619	B17_07_B	CEP_03	3910	MINTWOOD ST	Copper	Lead	Not Replaced	Copper		2020-09-14	No								2020-09-16	1.24													
5077707	SDWMR_2019	SDWMR_2019	3611	MASSACHUSETTS AVE	Lead	Lead	PEX	Copper	2020-09-14	2020-09-14	No								2020-09-16	3.77													
5066037	B22_01	B22_01	1225	VETO ST	Lead	Copper	PEX	Not Replaced	2020-09-14		No								2020-09-15	ND													
5077731	SDWMR_2019	SDWMR_2019	3616	MASSACHUSETTS AVE	Lead	Copper	PEX	Not Replaced	2020-09-14		No								2020-11-16	ND													
5066019	B22_01	B22_01	1311	SHERMAN AVE	Lead	Lead	PEX	Copper	2020-09-14	2020-09-14	No								2020-09-16	ND													
5077995	SDWMR_2019	SDWMR_2019	3540	MASSACHUSETTS AVE	Lead	Lead	PEX	Copper	2020-09-14	2020-09-14	No								2020-09-15	6.05													
5019349	B21_07	B21_07	5005	PENN AVE	Lead	Copper	PEX	Not Replaced	2020-09-15		No								2020-09-16	1.05													
5066107	B22_01	B22_01	1327	REDDOUR ST	Lead	Lead	PEX	Copper	2020-09-15	2020-09-15	No								2020-11-24	ND													
5066137	B22_01	B22_01	1205	REDDOUR ST	Lead	Lead	PEX	Copper	2020-09-15	2020-09-15	No								2020-09-16	ND													
5066042	B22_01	B22_01	1218	SHERMAN AVE	Lead	Copper	PEX	Not Replaced	2020-09-16		No								2020-09-18	1.96													
5024466	B01_07	CEP_03	1606	CHISLETT ST	Copper	Lead	Not Replaced	Copper		2020-09-16	No								2020-09-17	1.5													
5000658	B16_06	B16_06	36	GIST ST	Lead	Lead	PEX	Copper	2020-09-16	2020-09-16	No								2020-09-16	3.57													
5055615	CEP_03	CEP_03	447	KATHLEEN ST	Lead	Lead	PEX	Copper	2020-09-16	2020-09-17	No	Yes							2020-09-18	1.16													
5077049	B13_01_B	CEP_02	1129	WOODLAND AVE	Copper	Lead	Not Replaced	Copper		2020-09-16	No								2020-09-17	1.27													
5013758	B21_07	B21_07	5152	CORAL ST	Lead	Copper	PEX	Not Replaced	2020-09-16		No								2020-09-18	2.69													
5000660	B16_06	B16_06	40	GIST ST	Lead	Lead	PEX	Copper	2020-09-17	2020-09-17	No								2020-09-19	3.27													
5066055	B22_01	B22_01	1116	SHERMAN AVE	Lead	Lead	PEX	Copper	2020-09-17	2020-09-17	No								2020-09-18	3.75													
5024633	CEP_03	CEP_03	217	N GRAHAM ST	Lead	Lead	PEX	Copper	2020-09-17	2020-09-17	No								2020-09-18	ND													
5027122	CEP_03	CEP_03	6302	STANTON AVE	Lead	Lead	PEX	Copper	2020-09-17	2020-09-17	No								2020-09-21	ND													
5023019	B20_07	B20_07	5618	CARNEGIE ST	Lead	Lead	PEX	Copper	2020-09-17	2020-09-18	No	Yes							2020-09-19	ND													
5058368	CEP_03	CEP_03	445	BIGHAM ST	Lead	Lead	PEX	Copper	2020-09-17	2020-09-18	No	Yes							2020-09-22	1.84													
5065973	B22_01	B22_01	1238	FILSON ST	Lead	Lead	PEX	Copper	2020-09-17	2020-09-17	No								2020-11-17	ND													
5065972	B22_01	B22_01	1236	FILSON ST	Lead	Copper	PEX	Not Replaced	2020-09-17		No								2020-09-18	4.99													
5054992	SDWMR_2020A	SDWMR_2020A	4	CROSSMAN ST	Copper	Lead	PEX	Copper	2020-09-18	2020-09-18	No								2020-09-21	ND													
5063331	CEP_02	CEP_02	905	ELKTON ST	Lead	Lead	PEX	Copper	2020-09-18	2020-09-18	No								2020-09-22	1.22													
5065913	B22_01	B22_01	408	N TAYLOR AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-21	2020-09-21	No								2020-11-12	ND													
5013644	B21_07	B21_07	5134	PENN AVE	Lead	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-09-21	53.9													
5032535	SDWMR_2020B	SDWMR_2020B	7142	APPLE AVE	Copper	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-09-24	ND													
5078011	SDWMR_2019	SDWMR_2019	1616	FALCK AVE	Lead	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-11-10	2.41													
5023066	B20_07	B20_07	220	57TH ST	Lead	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-09-22	43.5													
5065758	B22_01	B22_01	706	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-10-06	ND													
5000653	B16_06	B16_06	41	GIST ST	Lead	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-09-22	2.44													
5065960	B22_01	B22_01	1217	PALO ALTO ST REAR	Lead	Lead	PEX	Copper	2020-09-21	2020-09-21	No								2020-09-22	ND													
5065755	B22_01	B22_01	712	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-09-22	2020-09-22	No								2020-10-04	1.23													
5051916	CEP_03	CEP_03	2319	WELLINGTON ST	Lead	Lead	PEX	Copper	2020-09-22	2020-09-22	No								2020-09-23	6.87													
5029568	CEP_03	CEP_03	505	PAULSON AVE	Lead	Lead	PEX	Copper	2020-09-22	2020-09-22	No								2020-09-26	3.15													
5066007	B22_01	B22_01	1200	PALO ALTO ST	Lead	Lead	PEX	Copper	2020-09-22	2020-09-22	No								2020-09-24	ND													
5065948	B22_01	B22_01	1200	RESACA PL	Lead	Copper	PEX	Not Replaced	2020-09-22		No								2020-09-23	ND													
5065869	B22_01	B22_01	613	N TAYLOR AVE	Lead	Copper	PEX	Not Replaced	2020-09-23		No								2020-09-24	5.45													
5052031	CEP_03	CEP_03	2305	PATTERSON ST	Lead	Lead	PEX	Copper	2020-09-23	2020-09-23	No								2020-09-25	ND													
5000647	B16_06	B16_06	311	GIST ST	Lead	Lead	PEX	Copper	2020-09-23	2020-09-23	No								2020-09-25	5.26													
5065757	B22_01	B22_01	708	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-09-23	2020-09-23	No								2020-09-25	24													
5031779	CEP_03	CEP_03	1330	GROTTO ST	Lead	Lead	PEX	Copper	2020-09-23	2020-09-23	No								2020-09-24	4.8													
5065768	B22_01	B22_01	610	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-09-24	2020-09-24	No								2020-09-26	4.78													
5065862	B22_01	B22_01	605	N TAYLOR AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-24	2020-09-24	No								2020-09-27	ND													
5066228	B22_01	B22_01	1306	BOYLE ST	Lead	Copper	PEX	Not Replaced	2020-09-24		No								2020-09-30	1.01													
5054923	SDWMR_2020A	SDWMR_2020A	20	MAGDALENE ST	Copper	Lead	PEX	Copper	2020-09-24	2020-09-24	No								2021-01-19	ND													
5014188	CEP_03	CEP_03	368	W PENN PL	Lead	Lead	PEX	Copper	2020-09-25	2020-09-25	No								2020-09-27	18.9		2021-02-01	11.2											
5019682	B21_07	B21_07	5209	PENN AVE	Lead	Lead	PEX	Copper	2020-09-25	2020-09-25	No								2020-11-16	ND													
5044562	Ops	Urgent LSLR	223	HOMESTEAD ST	Copper	Lead	PEX	Copper	2020-09-28	2020-10-02	No	Yes	Emergency						2020-10-03	1.27													
5065760	B22_01	B22_01	702	N TAYLOR AVE	Lead	Copper	PEX	Not Replaced	2020-09-28		No								2020-09-29	71.2		2020-10-10	9.72										
5076880	CEP_03	CEP_03	1251	SUPERIOR AVE	Lead	Lead	PEX	Copper	2020-09-28	2020-09-28	No								2020-09-30	7.48													
5000619	B16_06	B16_06	1726	TUSTIN ST	Lead	Lead	PEX	Copper	2020-09-28	2020-09-28	No								2020-10-01	ND													
5051147	CEP_03	CEP_03	2506	SARAH ST	Copper	Lead	Not Replaced	Copper		2020-09-28	No								2020-09-30	1.25													
5065829	B22_01	B22_01	1236	MONTEREY ST	Lead	Copper	PEX	Not Replaced	2020-09-29		No								2020-09-30	8.58													
5077597	CEP_03	CEP_03	3575	ELMHURST AVE	Lead	Lead	PEX	Copper	2020-09-29	2020-09-29	No								2020-10-01	10.8		2021-03-13	1.06										
5055100	SDWMR_2020A	SDWMR_2020A	60	MAGDALENE ST	Lead	PEX	PEX	Not Replaced	2020-09-29		No								2020-09-30	ND													
5050866	CEP_03	CEP_03	2325	HARCUM WAY	Lead	Lead	PEX	Copper	2020-09-29	2020-09-29	No								2020-11-28	ND													
5078090	SDWMR_2019	SDWMR_2019	1558	HUBBARD ST	PEX	Lead	PEX	Copper	2020-09-29	2020-09-29	No								2020-10-02	1.43													
5027188	SDWMR_2020B	SDWMR_2020B	814	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2020-09-29	2020-09-29	No								2020-10-01	1.77													
5019684	B21_07	B21_07	5213	PENN AVE	Lead	Lead	PEX	Copper	2020-09-30	2020-09-30	No								2020-10-06	ND													
5065784	B22_01	B22_01	508	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-09-30	2020-09-30	No								2020-10-02	1.2													
5065785	B22_01	B22_01	506	N TAYLOR AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-09-30	2020-09-30	No								2020-10-01	2.55													
5000612	B16_06	B16_06	1718	TUSTIN ST	Lead	Lead	PEX	Copper	2020-09-30	2020-09-30	No								2020-10-03	ND													
5027193	SDWMR_2020B	SDWMR_2020B	815	N SHERIDAN AVE	Copper	Lead	PEX	Copper	2020-09-30	2020-09-30	No								2020-10-02	82.5		2020-10-14	4.02										
5066110	B22_01	B22_01	110	MCNARY BLVD	Lead	Lead	PEX	Copper	2020-09-30	2020-09-30	No								2020-10-02	ND													
5061947	Urgent LSLR	Urgent LSLR	53	MCKNIGHT ST	Lead	Lead	PEX	Copper	2020-10-01	2020-10-01	No	Yes	Emergency						2020-12-07	4.48													
5071635	B08_06_B	CEP_03	539	MARSHALL AVE	Copper	Lead	Not Replaced	Copper		2020-10-01	No								2020-10-02	1.51													
5066599	CEP_03	CEP_03	1108	JAMES ST	Lead	Lead	PEX	Copper	2020-10-01	2020-10-01	No								2020-11-13	1.75													
5000629	B16_06	B16_06	1812	TUSTIN ST	Lead	Lead	PEX	Copper	2020-10-01	2020-10-01	No								2020-10-22	4.02													
5065792	B22_01	B22_01	424	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-10-01	2020-10-01	No								2020-10-02	ND													
5000575	B16_06	B16_06	36	MILTENBERGER ST	Lead	Copper	PEX	Not Replaced	2020-10-05		No								2020-10-05	ND													
5065714	B22_01	B22_01	913	W NORTH AVE	Lead	Lead	PEX	Copper	2020-10-05	2020-10-05	No								2020-10-05	ND													
5000614	B16_06	B16_06	1723	LOCUST ST	Lead	Lead	PEX	Copper	2020-10-05	2020-10-05	No								2020-10-05	2.73													
5065772	B22_01	B22_01	602	N TAYLOR AVE	Lead	Copper	PEX	Not Replaced	2020-10-05		No								2020-10-06	ND													
5065915	B22_01	B22_01	412	N TAYLOR AVE	Lead	Copper	PEX	Not Replaced	2020-10-05		No								2020-10-06	1.18													
5065713	B22_01	B22_01	911	W NORTH AVE	Lead	Copper	PEX	Not Replaced	2020-10-05		No								2020-10-22	ND													
5010226	Ops	Urgent LSLR	4789	WALLINGFORD ST	Lead	Lead	PEX	Copper	2020-10-06	2020-10-09	No	Yes	Emergency						2020-10-12	5.07													
5065912	B22_01	B22_01	406	N TAYLOR AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-10-06	2020-10-06	No								2020-10-09	ND													
5000607	B16_06	B16_06	1707	LOCUST ST	Lead	Lead	PEX	Copper	2020-10-06	2020-10-06	No								2020-10-07	1.96													
5065914	B22_01	B22_01	410	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-10-06	2020-10-06	No								2020-10-07	1.04													
5026538	SDWMR_2020B	SDWMR_2020B	823	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2020-10-06	2020-10-06	No								2020-10-08	ND													
5078117	SDWMR_2019	SDWMR_2019	1419	HUBBARD ST	Lead	Lead	PEX	Copper	2020-10-06	2020-10-06	No								2020-10-11	ND													
5065911	B22_01	B22_01	404	N TAYLOR AVE	Lead	Copper	PEX	Not Replaced	2020-10-07		No								2020-10-08	3.05													
5078309	CEP_03	CEP_03	3413	FLEMING AVE	Lead	Copper	PEX	Not Replaced	2020-10-07		No								2020-10-08	41.9		2021-01-06	ND										
5080952	CEP_03	CEP_03	1257	TERMON AVE	Lead	Lead	PEX	Copper	2020-10-07	2020-10-07	No								2020-10-09	1.06													
5078082	SDWMR_2019	SDWMR_2019	1534	HUBBARD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-10-08	2020-10-08	No								2020-10-09	42.6		2021-05-22	1.24										
5065890	B22_01	B22_01	1227	BUENA VISTA ST	Lead	Copper	PEX	Not Replaced	2020-10-08		No								2020-10-10	ND													
5000665	B16_06	B16_06	1835	BLVD OF THE ALLIES	Lead	Copper	PEX	Not Replaced	2020-10-08		No								2020-10-08	4.87		2020-10-12	2.23										
5000717	B16_06	B16_06	16	SENECA ST	Lead	Lead	PEX	Copper	2020-10-08	2020-10-08	No								2020-10-09	2.04													
5026545	SDWMR_2020B	SDWMR_2020B	830	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2020-10-09	2020-10-09	No								2020-10-12	1.76													
5066054	B22_01	B22_01	1200	SHERMAN AVE	Lead	Copper	PEX	Not Replaced	2020-10-12		No								2020-10-24	ND													
5026534	SDWMR_2020B	SDWMR_2020B	839	N SHERIDAN AVE	Copper	Lead	PEX	Copper	2020-10-12	2020-10-12	No								2020-10-13	3.03													
5000530	B16_06	B16_06	120	MILTENBERGER ST	Lead	Lead	PEX	Copper	2020-10-12	2020-10-12	No								2020-10-22	ND													
5046072	CEP_03	CEP_03	4200	LYDIA ST	Lead	Lead	PEX	Copper	2020-10-12	2020-10-12	No								2020-10-15	2.57													
5066065	B22_01	B22_01	210	W NORTH AVE	Lead	Lead	PEX	Copper	2020-10-12	2020-10-12	No								2020-10-14	1.98													
5042041	CEP_03	CEP_03	6674	WOODWELL ST	Lead	Copper	PEX	Not Replaced	2020-10-12		No								2020-10-14	2.29													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5018984	CEP_02	CEP_02	5133	HILLCREST ST	Lead	Copper	PEX	Not Replaced	2020-10-13		No								2020-11-30	ND													
5046550	CEP_03	CEP_03	4317	LYDIA ST	Lead	Lead	PEX	Copper	2020-10-13	2020-10-13	No								2020-10-16	536		2020-11-02	35.9											
5000664	B16_06	B16_06	1841	BLVD OF THE ALLIES	Lead	Lead	PEX	Copper	2020-10-13	2020-10-13	No								2020-10-15	4.01													
5066366	B22_01	B22_01	500	W NORTH AVE	Lead	Copper	PEX	Not Replaced	2020-10-14		No								2020-10-15	ND													
5066379	B22_01	B22_01	400	W NORTH AVE	Lead	Copper	PEX	Not Replaced	2020-10-14		No								2020-10-15	1.41													
5050072	SDWMR_2020A	SDWMR_2020A	4321	MURRAY AVE	Lead	Copper	PEX	Not Replaced	2020-10-14		No								2021-08-28	5.31													
5010243	CEP_03	CEP_03	4724	WALLINGFORD ST	Lead	Lead	PEX	Copper	2020-10-14	2020-10-14	No								2020-10-18	5.54													
5046132	CEP_03	CEP_03	4215	SHIELDS ST	Lead	Lead	PEX	Copper	2020-10-14	2020-10-14	No								2020-10-15	8.77													
5065844	B22_01	B22_01	1209	DAY ST	Lead	Lead	PEX	Copper	2020-10-14	2020-10-14	No								2020-10-15	18													
5000663	B16_06	B16_06	1843	BLVD OF THE ALLIES	Lead	Lead	PEX	Copper	2020-10-15	2020-10-15	No								2020-10-18	2.38													
5002388	B16_06	B16_06	1	SENECA ST	Lead	Copper	PEX	Not Replaced	2020-10-15		No								2020-10-16	ND													
5050060	SDWMR_2020A	SDWMR_2020A	4318	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-15	2020-10-15	No								2020-10-16	7.73													
5078070	SDWMR_2019	SDWMR_2019	3428	SIPE ST	Lead	Copper	PEX	Not Replaced	2020-10-15		No								2020-10-16	13.7													
5028491	CEP_03	CEP_03	6350	STANTON AVE	Lead	Lead	PEX	Copper	2020-10-16	2020-10-16	No								2020-10-17	3.86													
5026551	SDWMR_2020B	SDWMR_2020B	6106	JACKSON ST	Lead	Lead	PEX	Copper	2020-10-16	2020-10-16	No								2020-10-17	2.13													
5050327	SDWMR_2020A	SDWMR_2020A	4348	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-16	2020-10-16	No								2020-10-20	ND													
5065910	B22_01	B22_01	402	N TAYLOR AVE	Lead	Lead	PEX	Copper	2020-10-19	2020-10-19	No								2020-10-21	51		2020-11-19	34.7		2021-05-03	1.16							
5027330	CEP_03	CEP_03	5631	RURAL ST	Copper	Lead	Not Replaced	Copper		2020-10-19	No								2020-10-22	8.88													
5078064	SDWMR_2019	SDWMR_2019	3451	SIPE ST	Lead	Lead	PEX	Copper	2020-10-19	2020-10-19	No								2020-10-21	1.09													
5026587	SDWMR_2020B	SDWMR_2020B	6105	JACKSON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-10-20	2020-10-20	No								2020-12-29	20000		2021-05-04	ND										
5032129	SDWMR_2020B	SDWMR_2020B	1410	OBERLIN ST	Lead	Copper	PEX	Not Replaced	2020-10-20		No								2020-10-28	ND													
5026529	SDWMR_2020B	SDWMR_2020B	6048	JACKSON ST	Lead	Lead	PEX	Copper	2020-10-20	2020-10-20	No								2020-12-08	1.22													
5059423	B05_02_A	CEP_03	199	SOUTHERN AVE	Copper	Lead	Not Replaced	Copper		2020-10-21	No								2020-10-23	1.28													
5026585	SDWMR_2020B	SDWMR_2020B	6119	JACKSON ST	Lead	Lead	PEX	Copper	2020-10-21	2020-10-21	No								2020-10-22	ND													
5078065	SDWMR_2019	SDWMR_2019	3443	SIPE ST	Lead	Lead	PEX	Copper	2020-10-21	2020-10-21	No								2020-10-22	1.77													
5007664	Ops	Urgent LSLR	4301	ANDOVER TER	Lead	Lead	PEX	Copper	2020-10-22	2020-10-28	No	Yes	Emergency						2020-10-31	283		2020-11-16	9.57										
5070807	B22_01	B22_01	124	HEMLOCK ST	Lead	Lead	PEX	Copper	2020-10-22	2020-10-22	No								2020-10-27	ND													
5048540	CEP_03	CEP_03	5217	2ND AVE	Lead	Lead	PEX	Copper	2020-10-22	2020-10-22	No								2020-11-04	ND													
5026528	SDWMR_2020B	SDWMR_2020B	6055	JACKSON ST	Lead	Lead	PEX	Copper	2020-10-22	2020-10-22	No								2020-10-25	1.64													
5050335	SDWMR_2020A	SDWMR_2020A	4370	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-22	2020-10-22	No								2021-01-04	ND													
5050336	SDWMR_2020A	SDWMR_2020A	4372	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-22	2020-10-22	No								2020-10-26	ND													
5050337	SDWMR_2020A	SDWMR_2020A	4374	MURRAY AVE	Copper	Lead	PEX	Copper	2020-10-23	2020-10-23	No								2020-10-26	2.95													
5026252	CEP_03	CEP_03	729	MELLON ST	Lead	Lead	PEX	Copper	2020-10-23	2020-10-23	No								2020-10-23	3.22													
5050326	SDWMR_2020A	SDWMR_2020A	4344	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-23	2020-10-23	No								2020-10-24	ND													
5134127	SDWMR_2020B	SDWMR_2020B	1502	OBERLIN ST	Lead	Lead	PEX	Copper	2020-10-23	2020-10-23	No								2020-12-09	ND													
5050325	SDWMR_2020A	SDWMR_2020A	4338	MURRAY AVE	Copper	Lead	PEX	Copper	2020-10-23	2020-10-23	No								2020-12-01	1.23													
5050330	SDWMR_2020A	SDWMR_2020A	4356	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-23	2020-10-23	No								2020-10-23	50.2		2020-11-17	ND										
5069444	Ops	Urgent LSLR	1723	RIALTO ST	Lead	Lead	PEX	Copper	2020-10-24	2020-11-20	No	Yes	Emergency						2020-11-21	1.47													
5007022	A06_06	CEP_03	3416	MILWAUKEE ST	Copper	Lead	Not Replaced	Copper		2020-10-26	No								2020-10-28	3.2													
5057214	CEP_03	CEP_03	832	CLIMAX ST	Copper	Lead	Not Replaced	Copper		2020-10-26	No								2020-10-29	ND													
5016434	CEP_03	CEP_03	216	FISK ST	Lead	Lead	PEX	Copper	2020-10-27	2020-10-27	No								2020-10-28	2.13													
5028440	CEP_03	CEP_03	6345	GLENVIEW PL	Lead	Lead	PEX	Copper	2020-10-27	2020-10-27	No								2020-10-29	2.72													
5015050	SDWMR_2019	SDWMR_2019	5501	BAUM BLVD	Lead	Lead	PEX	Not Replaced	2020-10-28		Yes								2020-12-23	1.66													
5050344	SDWMR_2020A	SDWMR_2020A	4377	MURRAY AVE	Lead	Lead	PEX	Copper	2020-10-28	2020-10-28	No								2020-12-22	2.42													
5052072	CEP_03	CEP_03	2424	PATTERSON ST	Lead	Lead	PEX	Copper	2020-11-03	2020-11-03	No								2020-11-05	9.08													
5020721	CEP_03	CEP_03	5414	CAMELIA ST	Lead	Lead	PEX	Copper	2020-11-04	2020-11-04	No								2020-11-10	2.14													
5049797	SDWMR_2020A	SDWMR_2020A	4005-4007	MURRAY AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-11-04	2020-11-04	No								2020-11-06	10.6													
5049756	SDWMR_2020A	SDWMR_2020A	4026	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-04	2020-11-04	No								2020-11-07	6.1													
5049757	SDWMR_2020A	SDWMR_2020A	4030	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-04	2020-11-04	No								2020-11-05	9.48													
5049750	SDWMR_2020A	SDWMR_2020A	4008	MURRAY AVE	Lead	Copper	PEX	Not Replaced	2020-11-04		No								2020-11-09	1.53													
5122593	CEP_03	CEP_03	1041	EVERGREEN AVENUE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-11-05	2020-11-05	No								2020-11-06	1.6													
5031903	SDWMR_2020B	SDWMR_2020B	1460	OBERLIN ST	Lead	Lead	PEX	Copper	2020-11-05	2020-11-05	No								2020-11-06	78.7		2020-11-20	45		2021-05-03	1.69							
5018778	Ops	Urgent LSLR	419	N MATHILDA ST	Lead	Lead	PEX	Copper	2020-11-06	2020-11-17	No	Yes	Emergency						2021-06-19	2.99													
5023298	CEP_03	CEP_03	1349	HAWTHORNE ST	Lead	Lead	PEX	Copper	2020-11-06	2020-11-06	No								2020-11-08	3.71													
5080317	Urgent Water	Urgent Water	1717	KLEBER ST	Lead	Lead	PEX	Copper	2020-11-06	2020-11-06	No		Emergency						2020-11-08	ND													
5015606	SDWMR_2019	SDWMR_2019	5777	BAUM BLVD	Lead	Lead	Copper	Copper	2020-11-07	2020-11-07	No								2020-11-11	162		2020-12-14	1.31		2021-02-18	1.8							
5017631	Ewing St Relay	Ewing St Relay	4040	LIBERTY AVE	Lead	Lead	Copper	Not Replaced	2020-11-09		Yes								2021-01-08	3.45													
5017632	Ewing St Relay	Ewing St Relay	4036-4038	LIBERTY AVE	Lead	Lead	Copper	Not Replaced	2020-11-09		Yes								2021-01-08	3.72													
5031864	SDWMR_2020B	SDWMR_2020B	1549	OAKDENE ST	Lead	Lead	PEX	Copper	2020-11-10	2020-11-10	No								2020-11-11	ND													
5031875	SDWMR_2020B	SDWMR_2020B	1531	OBERLIN ST	Lead	Lead	PEX	Copper	2020-11-10	2020-11-10	No								2020-11-11	9.57													
5052542	CEP_03	CEP_03	3016	HARCUM WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-11-10	2020-11-10	No								2021-01-14	ND													
5026588	SDWMR_2020B	SDWMR_2020B	6101	JACKSON ST	Lead	Lead	PEX	Copper	2020-11-10	2020-11-10	No								2020-11-17	1.62													
5023023	B20_07	CEP_03	5610	DONSON WAY	Copper	Lead	Not Replaced	Copper		2020-11-12	No								2020-11-13	ND													
5079909	Urgent Water	Urgent Water	3971	BRIGHTON RD	Copper	Lead	PEX	Copper	2020-11-16	2020-11-16	No		Emergency						2020-11-19	ND													
5073043	CEP_03	CEP_03	2119	ROCKLEDGE ST	Copper	Lead	Not Replaced	Copper		2020-11-16	No								2020-11-27	6.01													
5015544	SDWMR_2019	SDWMR_2019	5964	BAUM BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-11-17	2020-11-17	No								2020-11-18	1.46													
5049766	SDWMR_2020A	SDWMR_2020A	4118	MURRAY AVE	Copper	Lead	PEX	Copper	2020-11-17	2020-11-17	No								2020-11-18	3.89													
5031360	CEP_03	CEP_03	1376	PAULSON AVE	Lead	Lead	PEX	Copper	2020-11-17	2020-11-17	No								2020-11-23	1.17													
5015542	SDWMR_2019	SDWMR_2019	5960	BAUM BLVD	Lead	Lead	PEX	Copper	2020-11-18	2020-11-18	No								2020-11-20	42.2		2021-03-26	ND										
5041865	Urgent Water	Urgent Water	515	SELKIRK WAY	Lead	Copper	PEX	Not Replaced	2020-11-18		No		Emergency						2020-11-22	5.99													
5018907	CEP_03	CEP_03	5131	HILLCREST ST	Lead	Lead	PEX	Copper	2020-11-18	2020-11-18	No								2020-11-23	1.85													
5031924	SDWMR_2020B	SDWMR_2020B	7220	MINGO ST	Lead	Lead	PEX	Copper	2020-11-19	2020-11-19	No								2020-11-20	4.25													
5049770	SDWMR_2020A	SDWMR_2020A	4141	MURRAY AVE	Lead	Copper	PEX	Not Replaced	2020-11-19		No								2020-11-22	ND													
5019416	CEP_03	CEP_03	5217	KINCAID ST	Lead	Lead	PEX	Copper	2020-11-19	2020-11-19	No								2020-11-20	ND													
5049741	SDWMR_2020A	SDWMR_2020A	4136	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-19	2020-11-19	No								2020-11-24	10.9													
5049780	SDWMR_2020A	SDWMR_2020A	4109	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-19	2020-11-19	No								2021-01-06	ND													
5019664	CEP_03	CEP_03	5349	WATERFORD ST	Lead	Lead	PEX	Copper	2020-11-20	2020-11-20	No								2020-11-23	5.87													
5049738	SDWMR_2020A	SDWMR_2020A	4142	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-20	2020-11-20	No								2020-11-23	ND													
5049737	SDWMR_2020A	SDWMR_2020A	4144-4146	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-21	2020-11-21	No								2020-11-21	ND		2020-11-22	1.1										
5026653	B19_09	CEP_03	518	N FAIRMOUNT ST	Copper	Lead	Not Replaced	Copper		2020-11-23	No								2020-11-25	ND													
5014362	CEP_03	CEP_03	320	S AIKEN AVE	Lead	Lead	PEX	Copper	2020-11-23	2020-11-23	No								2020-11-25	3.53		2020-11-30	13.5		2021-05-30	1.16							
5049772	SDWMR_2020A	SDWMR_2020A	4137	MURRAY AVE	Unknown	Lead	PEX	Copper	2020-11-24	2020-11-24	No								2020-11-25	ND													
5049771	SDWMR_2020A	SDWMR_2020A	4139	MURRAY AVE	Lead	Lead	PEX	Copper	2020-11-24	2020-11-24	No								2020-11-25	6.92													
5080518	CEP_03	CEP_03	3805	WILKSBORO ST	Lead	Lead	PEX	Copper	2020-11-25	2020-11-25	No								2020-11-26	19.9		2021-03-13	1.41										
5073024	CEP_03	CEP_03	2205	ROCKLEDGE ST	Copper	Lead	Not Replaced	Copper		2020-11-25	No								2020-11-26	7.18													
5080534	CEP_03	CEP_03	3829	OSWEGO ST	Lead	Lead	PEX	Copper	2020-11-27	2020-11-27	No								2020-11-29	ND													
5063484	CEP_03	CEP_03	1115	FREDONIA ST	Lead	Lead	PEX	Copper	2020-11-27	2020-11-27	No								2020-12-01	9.75													
5020838	CEP_03	CEP_03	4369	STANTON AVE	Lead	Lead	PEX	Copper	2020-12-02	2020-12-02	No								2020-12-02	4.41													
5074180	CEP_03	CEP_03	2706	SPRING GARDEN AVE	Lead	Lead	PEX	Copper	2020-12-02	2020-12-02	No								2020-12-03	ND													
5049744	SDWMR_2020A	SDWMR_2020A	4124	MURRAY AVE	Unknown	Lead	PEX	Copper	2020-12-02	2020-12-02	No								2020-12-03	1.86													
5077712	CEP_03	CEP_03	3544	CALIFORNIA AVE	Copper	Lead	Not Replaced	Copper		2020-12-03	No								2020-12-04	ND													
5078041	CEP_03	CEP_03	3445	FLEMING AVE	Copper	Lead	Not Replaced	Copper		2020-12-03	No								2021-02-16	ND													
5044520	CEP_03	CEP_03	322	RAYMOND ST	Copper	Lead	Not Replaced	Copper		2020-12-04	No								2020-12-04	293		2021-01-13	1.49										
5022924	CEP_03	CEP_03	1501	SIMONA DR	Lead	Lead	PEX	Copper	2020-12-04	2020-12-04	No								2020-12-08	3.22													
5007922	B17_07_A	B17_07_A	3337	PENN AVE	Lead	Copper	PEX	Not Replaced	2020-12-07		No								2020-12-14	ND													
5025307	CEP_03	CEP_03	1133	N SAINT CLAIR ST	Copper	Lead	Not Replaced	Copper		2020-12-07	No								2020-12-09	1.65													
5040516	CEP_03	CEP_03	7114	JONATHAN PL	Lead	Lead	PEX	Copper	2020-12-07	2020-12-07	No								2021-02-01	8.74													
5007488	Ops	Urgent LSLR	825	CHEROKEE ST	Lead	Lead	PEX	Copper	2020-12-08	2020-12-10	No	Yes	Emergency						2021-01-24	2.06													
5077793	Urgent LSLR	Urgent LSLR	1508	DAVIS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-12-08	2020-12-08	No		Emergency						2020-12-09	7.25													
5005056	CEP_03	CEP_03	3626	FRAZIER ST	Copper	Lead	Not Replaced	Copper		2020-12-08	No								2020-12-11	1.77													
5045441	CEP_03	CEP_03	4017	COLEMAN ST	Copper	Lead	Not Replaced	Copper		2020-12-09	No								2020-12-10	ND													
5077794	CEP_03	CEP_03	1506	DAVIS AVE	Lead	Lead	PEX	Copper	2020-12-09	2020-12-09	No								2021-08-31	ND													
5049773	SDWMR_2020A	SDWMR_2020A	4135	MURRAY AVE	Lead	Lead	PEX	Copper	2020-12-10	2020-12-10	No								2021-05-10	9.28													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5024583	B19_09	CEP_03	423	N GRAHAM ST	Copper	Lead	Not Replaced	Copper		2020-12-10	No								2020-12-18	1.02													
5020737	CEP_03	CEP_03	5557	CAMELIA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-12-11	2020-12-11	No								2020-12-12	4													
5054484	Ops	Urgent LSLR	1816	SARAH ST	Lead	Lead	PEX	Copper	2020-12-11	2020-12-11	No		Emergency						2021-01-26	6.2													
5133078	CEP_03	CEP_03	509	N BEATTY ST	Lead	Lead	PEX	Copper	2020-12-14	2020-12-14	No								2020-12-15	2.52													
5119838	CEP_03	CEP_03	65	S 16TH ST	Copper	Lead	Not Replaced	Copper		2020-12-14	No								2020-12-14	5.9													
5027050	CEP_03	CEP_03	6114	SAINT MARIE ST	Lead	Copper	PEX	Not Replaced	2020-12-15		No								2020-12-18	3.01													
5051486	CEP_03	CEP_03	24	KOSCIUSKO WAY	Lead	Lead	PEX	Copper	2020-12-15	2020-12-15	No								2020-12-18	5.24													
5031961	SDWMR_2020B	SDWMR_2020B	7215	TILDEN ST	Lead	Lead	PEX	Copper	2020-12-15	2020-12-15	No								2020-12-20	ND													
5031963	SDWMR_2020B	SDWMR_2020B	7227	TILDEN ST	Lead	Lead	PEX	Copper	2020-12-15	2020-12-15	No								2020-12-24	ND													
5026038	SDWMR_2020B	SDWMR_2020B	1106	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2020-12-16	2020-12-16	No								2020-12-17	4.93													
5019667	B19_09	CEP_03	119	N AIKEN AVE	Copper	Lead	Not Replaced	Copper		2020-12-16	No								2020-12-17	9.13													
5014745	CEP_03	CEP_03	4918	SCIOTA ST	Lead	Lead	PEX	Copper	2020-12-16	2020-12-16	No								2021-02-22	1.35													
5069823	CEP_03	CEP_03	43	OVERLOOK ST	Lead	Copper	PEX	Not Replaced	2020-12-28		No								2021-01-02	ND													
5078056	CEP_03	CEP_03	3432	FLEMING AVE	Lead	Copper	PEX	Not Replaced	2020-12-29		No								2021-01-03	1.03													
5030916	CEP_03	CEP_03	6925	WILTSIE ST	Lead	Copper	PEX	Not Replaced	2020-12-29		No								2021-01-04	1.37													
5052180	CEP_03	CEP_03	2852	BERG ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2020-12-30	2020-12-30	No								2021-01-01	6.44													
5032837	SDWMR_2020B	SDWMR_2020B	1515	N HOMEWOOD AVE	Lead	Lead	PEX	Copper	2021-03-15	2021-01-15	No	Yes			2021-01-16	2021-01-25	1.23		2021-03-19	1.03													
5039047	SDWMR_2020A	SDWMR_2020A	5820	MORROWFIELD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-01-19	2021-01-19	No								2021-03-17	ND													
5039096	SDWMR_2020A	SDWMR_2020A	5832	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2021-01-19	2021-01-19	No								2021-01-29	2.04													
5027497	Urgent LSLR	Urgent LSLR	508	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2021-01-19	2021-01-19	No		Emergency						2021-01-20	2.45													
5039100	SDWMR_2020A	SDWMR_2020A	5850	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2021-01-20	2021-01-20	No								2021-01-21	45.7		2021-04-29	ND											
5040051	SDWMR_2020A	SDWMR_2020A	3310	SHADY AVENUE EXT	Lead	Lead	PEX	Copper	2021-01-20	2021-01-20	No								2021-01-25	ND													
5026492	CEP_03	CEP_03	817	FARRAGUT ST	Lead	Lead	PEX	Copper	2021-01-21	2021-01-21	No								2021-03-14	6.94													
5039098	SDWMR_2020A	SDWMR_2020A	5840	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2021-01-21	2021-01-21	No								2021-12-31	ND													
5014760	Ops	Urgent LSLR	4911	SCIOTA ST	Lead	Lead	PEX	Copper	2021-01-22	2021-01-23	No	Yes	Emergency						2021-01-24	178		2021-01-25	ND											
5026493	Urgent LSLR	Urgent LSLR	815	FARRAGUT ST	Lead	Lead	PEX	Copper	2021-01-22	2021-01-22	No		Emergency						2021-01-28	ND													
5039052	SDWMR_2020A	SDWMR_2020A	5806	MORROWFIELD AVE	Copper	Lead	PEX	Copper	2021-01-22	2021-01-22	No								2021-01-31	ND													
5039072	SDWMR_2020A	SDWMR_2020A	5846	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-01-22	2021-01-22	No								2021-01-23	2.94													
5039069	SDWMR_2020A	SDWMR_2020A	5852	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-01-25	2021-01-25	No								2021-01-26	3.28													
5039064	SDWMR_2020A	SDWMR_2020A	5872	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-01-25	2021-01-25	No								2021-01-26	8.64													
5024188	B01_07	CEP_03	6908	STANDISH ST	Copper	Lead	Not Replaced	Copper		2021-01-25	No								2021-01-27	8.43													
5026495	Urgent LSLR	Urgent LSLR	811	FARRAGUT ST	Lead	Lead	PEX	Copper	2021-01-25	2021-01-25	No		Emergency						2021-03-22	ND													
5039089	SDWMR_2020A	SDWMR_2020A	5831	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2021-01-25	2021-01-25	No								2021-02-20	ND													
5029971	SDWMR_2020B	SDWMR_2020B	6917	ODESSA PL	Lead	Copper	PEX	Copper	2021-01-26	2021-01-26	No								2021-07-05	7.81													
5039063	SDWMR_2020A	SDWMR_2020A	5878	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-01-26	2021-01-26	No								2021-05-04	ND													
5039061	SDWMR_2020A	SDWMR_2020A	5845	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-01-26	2021-01-26	No								2021-03-21	ND													
5004720	CEP_03	CEP_03	400	CATO ST	Lead	Lead	PEX	Copper	2021-01-26	2021-01-26	No								2021-01-27	73.8		2021-05-24	ND											
5023190	CEP_03	CEP_03	1139	DOWNLOOK ST	Lead Tailpiece	Lead	PEX	Copper	2021-01-27	2021-01-27	No								2021-01-28	3.92													
5039049	SDWMR_2020A	SDWMR_2020A	5816	MORROWFIELD AVE	Lead	Lead	PEX	Copper	2021-01-27	2021-01-27	No								2021-01-29	1.38													
5008571	CEP_03	CEP_03	3415	FLAVIAN ST	Lead	Lead	PEX	Copper	2021-01-27	2021-01-27	No								2021-02-03	2.29													
5039060	SDWMR_2020A	SDWMR_2020A	5841	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-01-28	2021-01-28	No								2021-01-30	ND													
5025695	CEP_03	CEP_03	5512	JACKSON ST	Lead	Lead	PEX	Copper	2021-01-28	2021-01-28	No								2021-01-31	10.1													
5038691	CEP_03	CEP_03	5673	MELVIN ST	Lead	Lead	PEX	Copper	2021-01-29	2021-01-29	No								2021-02-04	2.54													
5037881	CEP_03	CEP_03	6340	DOUGLAS ST	Lead	Lead	PEX	Copper	2021-01-29	2021-01-29	No								2021-01-29	ND													
5031807	SDWMR_2020B	SDWMR_2020B	7261	LEMINGTON AVE	Copper	Lead	PEX	Copper	2021-02-02	2021-02-02	No								2021-02-03	13.6		2021-05-03	ND											
5031817	SDWMR_2020B	SDWMR_2020B	7228	LEMINGTON AVE	Lead	Lead	PEX	Copper	2021-02-02	2021-02-02	No								2021-02-17	1.14													
5017482	CEP_03	CEP_03	395	40TH ST	Lead	Lead	PEX	Copper	2021-02-03	2021-02-03	No								2021-02-06	5.65													
5031183	CEP_03	CEP_03	1629	WESTMORELAND ST	Lead	Lead	PEX	Copper	2021-02-03	2021-02-03	No								2021-02-25	1.34													
5031181	CEP_03	CEP_03	1621	WESTMORELAND ST	Lead	Lead	PEX	Copper	2021-02-04	2021-02-04	No								2021-03-27	ND													
5027186	Urgent LSLR	Urgent LSLR	6103	STANTON AVE	Lead	Lead	PEX	Copper	2021-02-05	2021-02-06	No	Yes	Emergency						2021-02-07	1.53													
5080965	CEP_03	CEP_03	1224	PEMBERTON ST	Copper	Lead	Not Replaced	Copper		2021-02-05	No								2021-02-07	107		2021-02-19	ND										
5047839	SDWMR_2019	SDWMR_2019	4-6	TECUMSEH ST	Lead	Lead	PEX	Copper	2021-02-08	2021-02-08	No								2021-04-14	3.46													
5047840	SDWMR_2019	SDWMR_2019	7-9	TECUMSEH ST	Lead	Lead	PEX	Copper	2021-02-08	2021-02-08	No								2021-02-11	ND													
5031798	SDWMR_2020B	SDWMR_2020B	7225	LEMINGTON AVE	Copper	Lead	PEX	Copper	2021-02-08	2021-02-08	No								2021-02-09	4.66													
5031819	SDWMR_2020B	SDWMR_2020B	7218	LEMINGTON AVE	Lead	Lead	PEX	Copper	2021-02-08	2021-02-08	No								2021-03-29	ND													
5039091	SDWMR_2020A	SDWMR_2020A	5819	MORROWFIELD AVE	Copper	Lead	PEX	Copper	2021-02-08	2021-02-08	No								2021-02-09	1.73													
5047944	SDWMR_2019	SDWMR_2019	9	TECUMSEH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-02-08	2021-02-08	No								2021-03-28	ND													
5031851	SDWMR_2020B	SDWMR_2020B	7291	LEMINGTON AVE	Lead	Lead	PEX	Copper	2021-02-09	2021-02-09	No								2021-02-12	1.31													
5039117	SDWMR_2020A	SDWMR_2020A	5886	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2021-02-10	2021-02-10	No								2021-03-29	ND													
5055652	Ops	Urgent LSLR	446	IBERIA ST	Lead	Lead	PEX	Copper	2021-02-10	2021-02-12	No	Yes	Emergency						2021-02-13	2.02													
5048363	SDWMR_2019	SDWMR_2019	5141	LANGHORN ST	Lead	Copper	PEX	Not Replaced	2021-02-11		No								2021-03-10	1.12													
5048370	SDWMR_2019	SDWMR_2019	5125	LANGHORN ST	Lead	Lead	PEX	Copper	2021-02-12	2021-02-12	No								2021-02-13	5.23													
5048379	SDWMR_2019	SDWMR_2019	5107	LANGHORN ST	Lead	Lead	PEX	Copper	2021-02-16	2021-02-16	No								2021-02-24	ND													
5020779	CEP_03	CEP_03	5607	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2021-02-17	2021-02-17	No								2021-02-18	1.61													
5048376	SDWMR_2019	SDWMR_2019	5113	LANGHORN ST	Lead	Lead	PEX	Copper	2021-02-18	2021-02-18	No								2021-02-22	1.75													
5048335	SDWMR_2019	SDWMR_2019	99	COURTLAND ST	Lead	Copper	PEX	Not Replaced	2021-02-19		No								2021-04-10	ND													
5048332	SDWMR_2019	SDWMR_2019	102	COURTLAND ST	Lead	Lead	PEX	Copper	2021-02-22	2021-02-22	No								2021-02-27	1.15													
5048333	SDWMR_2019	SDWMR_2019	101	COURTLAND ST	Lead	Lead	PEX	Copper	2021-02-22	2021-02-22	No								2021-03-01	ND													
5048429	SDWMR_2019	SDWMR_2019	528	COURTLAND ST	Lead	Lead	PEX	Copper	2021-02-23	2021-02-23	No								2021-02-23	1.89													
5039045	SDWMR_2020A	SDWMR_2020A	2832	MURRAY AVE	Lead	Lead	PEX	Copper	2021-02-24	2021-02-24	No								2021-03-17	15.1													
5048329	SDWMR_2019	SDWMR_2019	5152	BLAIR ST	Lead	Lead	PEX	Copper	2021-02-24	2021-02-24	No								2021-02-27	8.94													
5048284	SDWMR_2019	SDWMR_2019	5153	BLAIR ST	PEX	Lead	PEX	Copper	2021-02-24	2021-02-24	No								2021-02-27	ND													
5031456	SDWMR_2020B	SDWMR_2020B	7126	LEMINGTON AVE	Lead	Copper	PEX	Not Replaced	2021-02-24		No								2021-06-17	ND													
5039551	SDWMR_2020A	SDWMR_2020A	6427	MONITOR ST	Lead	Lead	PEX	Copper	2021-02-25	2021-02-25	No								2021-02-28	1.45													
5039074	SDWMR_2020A	SDWMR_2020A	5824	BURCHFIELD AVE	Lead	Copper	PEX	Not Replaced	2021-02-25		No								2021-02-27	ND													
5039580	SDWMR_2020A	SDWMR_2020A	6458	MONITOR ST	Copper	Lead	PEX	Copper	2021-02-26	2021-02-26	No								2021-02-26	ND													
5039579	SDWMR_2020A	SDWMR_2020A	6464	MONITOR ST	Lead	Lead	PEX	Copper	2021-02-26	2021-02-26	No								2021-02-27	1.97													
5039584	SDWMR_2020A	SDWMR_2020A	6440	MONITOR ST	Lead	Lead	PEX	Copper	2021-02-26	2021-02-26	No								2021-02-27	15		2021-06-04	ND											
5048285	SDWMR_2019	SDWMR_2019	5149	BLAIR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-03-01	2021-03-01	No								2021-03-02	8.54													
5039571	SDWMR_2020A	SDWMR_2020A	6486	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-01	2021-03-01	No								2021-03-02	ND													
5039583	SDWMR_2020A	SDWMR_2020A	6444	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-01	2021-03-01	No								2021-03-06	ND													
5039590	SDWMR_2020A	SDWMR_2020A	6416	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-01	2021-03-01	No								2021-03-03	3.18													
5032450	SDWMR_2020B	SDWMR_2020B	7003	UPLAND ST	Lead	Lead	PEX	Copper	2021-03-01	2021-03-01	No								2021-03-02	2.91													
5032515	SDWMR_2020B	SDWMR_2020B	7018	UPLAND ST	Copper	Lead	PEX	Copper	2021-03-01	2021-03-01	No								2021-03-03	5.15													
5053458	Ops	Urgent LSLR	95	S 13TH ST	Lead	Lead	PEX	Copper	2021-03-02	2021-03-05	No	Yes	Emergency						2021-03-27	ND													
5032517	SDWMR_2020B	SDWMR_2020B	7014	UPLAND ST	Lead	Lead	PEX	Copper	2021-03-02	2021-03-02	No								2021-03-04	17		2021-06-20	1.71											
5048321	SDWMR_2019	SDWMR_2019	5136	BLAIR ST	Lead	Lead	PEX	Copper	2021-03-02	2021-03-02	No								2021-03-03	ND													
5039591	SDWMR_2020A	SDWMR_2020A	6414	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-03	2021-03-03	No								2021-03-06	3.1													
5031805	SDWMR_2020B	SDWMR_2020B	7253	LEMINGTON AVE	Lead	Lead	PEX	Copper	2021-03-03	2021-03-03	No								2021-03-03	8.65													
5032512	SDWMR_2020B	SDWMR_2020B	7024	UPLAND ST	Lead	Lead	PEX	Copper	2021-03-03	2021-03-03	No								2021-03-03	84.9		2021-06-03	ND											
5010595	Walnut Street Water Relay	Walnut Street Water Relay	5424	WALNUT ST	Lead	Copper	PEX	Not Replaced	2021-03-03		No								2021-03-04	5.51													
5039588	SDWMR_2020A	SDWMR_2020A	6420	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-03	2021-03-03	No								2021-03-15	1.67													
5039586	SDWMR_2020A	SDWMR_2020A	6430	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-03	2021-03-03	No								2021-03-04	8.77													
5004719	CEP_03	CEP_03	3237	GORMAN WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-03-04	2021-03-04	No								2021-04-18	4.38													
5025122	Ops	Urgent LSLR	1031	KING AVE	Lead	Lead	PEX	Copper	2021-03-04	2021-03-05	No	Yes	Emergency						2021-03-18	1.57													
5048304	Ops	Urgent LSLR	401 1/2	W ELIZABETH ST	Lead	Lead	PEX	Copper	2021-03-04	2021-03-04	No		Emergency						2021-03-15	ND													
5032465	SDWMR_2020B	SDWMR_2020B	1501	N LANG AVE	Lead	Lead	PEX	Copper	2021-03-04	2021-03-04	No								2021-03-20	ND													
5010591	Walnut Street Water Relay	Walnut Street Water Relay	5430	WALNUT ST	Lead	Copper	PEX	Not Replaced	2021-03-04		No								2021-12-06	ND													
5010590	Walnut Street Water Relay	Walnut Street Water Relay	5432	WALNUT ST	Lead	Copper	PEX	Not Replaced	2021-03-04		No								2021-04-26	ND													
5010510	Walnut Street Water Relay	Walnut Street Water Relay	5406	WALNUT ST	Lead	Copper	PEX	Not Replaced	2021-03-04		No								2021-03-06	ND													
5039581	SDWMR_2020A	SDWMR_2020A	6452	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-05	2021-03-05	No				2017-08-14	2017-08-23	9.2		2021-03-12	6.44													
5039572	SDWMR_2020A	SDWMR_2020A	6484	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-05	2021-03-05	No								2021-03-08	ND													
5029070	Ops	Urgent LSLR	115	MEADOW ST	Lead	Lead	Copper	Copper	2021-03-05	2021-03-08	No	Yes	Emergency						2021-03-12	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5050006	SDWMR_2020A	SDWMR_2020A	960	GREENFIELD AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-03-05	2021-03-05	No								2021-03-07	8.25													
5010597	Walnut Street Water Relay	Walnut Street Water Relay	735	COPELAND ST	Lead	Copper	PEX	Not Replaced	2021-03-05		No								2021-03-07	ND													
5010584	Walnut Street Water Relay	Walnut Street Water Relay	5442	WALNUT ST	Copper	Lead	Copper	Copper	2021-03-08	2021-03-08	No								2021-03-12	ND													
5048293	SDWMR_2019	SDWMR_2019	5125	BLAIR ST	Lead	Lead	PEX	Copper	2021-03-08	2021-03-08	No								2021-03-10	ND													
5050003	SDWMR_2020A	SDWMR_2020A	968	GREENFIELD AVE	Copper	Lead	PEX	Copper	2021-03-08	2021-03-08	No								2021-03-12	ND													
5048292	SDWMR_2019	SDWMR_2019	5127	BLAIR ST	Lead	Lead	PEX	Copper	2021-03-08	2021-03-08	No								2021-03-09	41.2		2021-06-25	ND											
5010508	Walnut Street Water Relay	Walnut Street Water Relay	811	S AIKEN AVE	Lead	Lead	Copper	Copper	2021-03-08	2021-03-08	No								2021-03-11	4.14													
5039585	SDWMR_2020A	SDWMR_2020A	6434	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-08	2021-03-08	No								2021-03-11	9.21													
5048466	SDWMR_2019	SDWMR_2019	5154	GLOSTER ST	Copper	Lead	PEX	Copper	2021-03-09	2021-03-09	No								2021-03-11	10.4		2021-06-12	ND											
5039552	SDWMR_2020A	SDWMR_2020A	6433	MONITOR ST	Lead	Copper	PEX	Not Replaced	2021-03-09		No								2021-03-12	ND													
5050018	SDWMR_2020A	SDWMR_2020A	953	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-09	2021-03-09	No								2021-03-12	2.4													
5050024	SDWMR_2020A	SDWMR_2020A	971	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-10	2021-03-10	No								2021-03-14	1.27													
5039562	SDWMR_2020A	SDWMR_2020A	6469	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-10	2021-03-10	No								2021-03-11	22.4		2021-06-23	2.49											
5048456	SDWMR_2019	SDWMR_2019	5122	GLOSTER ST	PEX	Lead	PEX	Copper	2021-03-11	2021-03-11	No								2021-03-14	ND													
5050021	SDWMR_2020A	SDWMR_2020A	961	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-11	2021-03-11	No								2021-04-09	3.63													
5039589	SDWMR_2020A	SDWMR_2020A	6422	MONITOR ST	Lead	Lead	PEX	Copper	2021-03-16	2021-03-16	No								2021-03-25	ND													
5050019	SDWMR_2020A	SDWMR_2020A	955	GREENFIELD AVE	Copper	Lead	PEX	Copper	2021-03-16	2021-03-16	No								2021-03-19	ND													
5032820	SDWMR_2020B	SDWMR_2020B	7179	UPLAND ST	Lead	Lead	PEX	Copper	2021-03-16	2021-03-16	No								2021-03-17	2.25													
5048268	SDWMR_2019	SDWMR_2019	210	W ELIZABETH ST	Lead	Lead	PEX	Copper	2021-03-16	2021-03-16	No								2021-03-18	ND													
5032604	SDWMR_2020B	SDWMR_2020B	7118	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2021-03-17	2021-03-17	No								2021-03-20	5.96													
5048267	SDWMR_2019	SDWMR_2019	212	W ELIZABETH ST	PEX	Lead	PEX	Copper	2021-03-17	2021-03-17	No								2021-03-20	ND													
5050309	SDWMR_2020A	SDWMR_2020A	1151	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-20	2021-03-20	No								2021-03-20	159		2021-03-29	3.42											
5047904	SDWMR_2019	SDWMR_2019	5017	LANGHORN ST	Lead	Lead	PEX	Copper	2021-03-22	2021-03-22	No								2021-03-25	ND													
5032544	SDWMR_2020B	SDWMR_2020B	7146	UPLAND ST	Lead	Lead	PEX	Copper	2021-03-22	2021-03-22	No								2021-03-23	1.31													
5050250	SDWMR_2020A	SDWMR_2020A	1146	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-23	2021-03-23	No								2021-03-23	18.7													
5050216	SDWMR_2020A	SDWMR_2020A	1124	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-23	2021-03-23	No								2021-03-24	6.97													
5050218	SDWMR_2020A	SDWMR_2020A	1128	GREENFIELD AVE	Lead	Copper	PEX	Not Replaced	2021-03-23		No								2021-03-25	ND													
5050052	SDWMR_2020A	SDWMR_2020A	1105	GREENFIELD AVE	Lead	Copper	PEX	Not Replaced	2021-03-23		No								2021-03-25	ND		2021-04-10	ND										
5050319	SDWMR_2020A	SDWMR_2020A	1127	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-23	2021-03-23	No								2021-03-24	113													
5041034	Ops	Private Reimbursement	429	GETTYSBURG ST	Lead	Lead	PEX	Copper	2021-03-26	2021-03-25	No	Yes	Emergency						2021-09-15	5.57													
5032574	SDWMR_2020B	SDWMR_2020B	7115	MOUNT VERNON ST	Lead	Copper	PEX	Not Replaced	2021-03-25		No								2021-03-26	94.2													
5032550	SDWMR_2020B	SDWMR_2020B	7134	UPLAND ST	Lead	Lead	PEX	Copper	2021-03-25	2021-03-25	No								2021-03-26	5.74													
5049871	SDWMR_2020A	SDWMR_2020A	1110	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-25	2021-03-25	No								2021-04-06	ND													
5037866	Ops	Private Reimbursement	5905	DOUGLAS ST	Lead	Lead	PEX	Non-Lead	2021-03-29	2021-03-26	No	Yes	Emergency						2021-07-06	ND													
5039441	SDWMR_2020A	SDWMR_2020A	6317	EBDY ST	Lead	Lead	PEX	Copper	2021-03-29	2021-03-29	No								2021-03-30	1.19													
5047930	SDWMR_2019	SDWMR_2019	201	W ELIZABETH ST	Lead	Lead	PEX	Copper	2021-03-29	2021-03-29	No								2021-04-13	ND													
5050314	SDWMR_2020A	SDWMR_2020A	1137	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-30	2021-03-30	No								2021-05-20	18													
5032570	SDWMR_2020B	SDWMR_2020B	7107	MOUNT VERNON ST	Lead	Lead	PEX	Copper	2021-03-30	2021-03-30	No								2021-03-31	3.41													
5032611	SDWMR_2020B	SDWMR_2020B	7104	MOUNT VERNON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-03-30	2021-03-30	No								2021-03-31	ND													
5039438	SDWMR_2020A	SDWMR_2020A	6327	EBDY ST	Lead	Lead	PEX	Copper	2021-03-30	2021-03-30	No								2021-03-31	ND													
5047860	SDWMR_2019	SDWMR_2019	5016	BLAIR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-03-30	2021-03-30	No								2021-03-31	2.59													
5050253	SDWMR_2020A	SDWMR_2020A	1152	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-03-31	2021-03-31	No								2021-04-02	5.09													
5039389	SDWMR_2020A	SDWMR_2020A	6316	EBDY ST	Lead	Lead	PEX	Copper	2021-04-01	2021-04-01	No								2021-04-04	2.02													
5050033	SDWMR_2020A	SDWMR_2020A	991	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-05	2021-04-05	No								2021-04-08	1.09													
5039387	SDWMR_2020A	SDWMR_2020A	6310	EBDY ST	Lead	Copper	PEX	Not Replaced	2021-04-05		No								2021-04-06	ND													
5032480	SDWMR_2020B	SDWMR_2020B	7117	UPLAND ST	Lead	Lead	PEX	Copper	2021-04-05	2021-04-05	No								2021-04-06	81.1													
5034864	Ops	Urgent LSLR	5421	ALBEMARLE AVE	Lead	Lead	Copper	Copper	2021-04-06	2021-04-08	No	Yes	Emergency						2021-04-13	1.12													
5049999	SDWMR_2020A	SDWMR_2020A	976	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-06	2021-04-06	No								2021-04-07	1.41		2021-04-07	12.3		2021-09-01	1.39								
5039394	SDWMR_2020A	SDWMR_2020A	6334	EBDY ST	Lead	Lead	PEX	Copper	2021-04-07	2021-04-07	No								2021-06-07	ND													
5049918	SDWMR_2020A	SDWMR_2020A	1012	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-08	2021-04-08	No								2021-04-09	9.6													
5050000	SDWMR_2020A	SDWMR_2020A	974	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-08	2021-04-08	No								2021-04-09	ND													
5039393	SDWMR_2020A	SDWMR_2020A	6326	EBDY ST	Lead	Copper	PEX	Not Replaced	2021-04-08		No								2021-04-09	1.46													
5050013	SDWMR_2020A	SDWMR_2020A	940	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-09	2021-04-09	No								2021-04-10	96.4													
5049511	SDWMR_2020A	SDWMR_2020A	939	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-09	2021-04-09	No								2021-04-27	2.63													
5049510	SDWMR_2020A	SDWMR_2020A	941	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-12	2021-04-12	No								2021-04-13	ND													
5049516	SDWMR_2020A	SDWMR_2020A	923 1/2	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-13	2021-04-13	No								2021-04-17	76.7		2021-05-03	3.38											
5050017	SDWMR_2020A	SDWMR_2020A	930	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-13	2021-04-13	No								2021-04-22	ND													
5018848	Urgent Water	Urgent Water	4924	BROWN WAY	Lead	Lead	PEX	Copper	2021-04-15	2021-04-15	No		Emergency						2021-06-24	ND													
5050016	SDWMR_2020A	SDWMR_2020A	934	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-16	2021-04-16	No								2021-04-21	1.14													
5045652	SDWMR_2020A	SDWMR_2020A	909	GREENFIELD AVE	Lead	Copper	PEX	Not Replaced	2021-04-16		No								2021-04-17	ND													
5045649	SDWMR_2020A	SDWMR_2020A	912	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-16	2021-04-16	No								2021-04-17	1.4													
5045688	SDWMR_2020A	SDWMR_2020A	731	MCCASLIN ST	Copper	Lead	PEX	Copper	2021-04-16	2021-04-16	No								2021-04-22	2.19													
5049504	SDWMR_2020A	SDWMR_2020A	916	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-20	2021-04-20	No								2021-04-21	ND													
5045645	SDWMR_2020A	SDWMR_2020A	840	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-23	2021-04-23	No								2021-06-29	ND													
5045691	SDWMR_2020A	SDWMR_2020A	725	MCCASLIN ST	Copper	Lead	PEX	Copper	2021-04-23	2021-04-23	No								2021-04-26	1.85													
5049521	SDWMR_2020A	SDWMR_2020A	915	GREENFIELD AVE	Copper	Lead	PEX	Copper	2021-04-23	2021-04-23	No								2021-04-28	8.66													
5050015	SDWMR_2020A	SDWMR_2020A	936	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-04-26	2021-04-26	No								2021-06-07	ND													
5014430	Ops	Private Reimbursement	345	ROUP AVE	Lead	Lead	PEX	Copper	2021-05-04	2021-04-27	No	Yes	Emergency						2021-05-08	3.21													
5007626	Ops	Urgent LSLR	3204	IOWA ST	Lead	Lead	PEX	Copper	2021-05-03	2021-05-21	No	Yes	Emergency						2021-05-24	4.36													
5045663	SDWMR_2020A	SDWMR_2020A	829	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-05-03	2021-05-03	No								2021-07-09	ND													
5045662	SDWMR_2020A	SDWMR_2020A	831	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-05-03	2021-05-03	No								2021-05-06	ND													
5058128	Ops	Urgent LSLR	336	VIRGINIA AVE	Lead	Lead	PEX	Copper	2021-05-03	2021-05-03	No			Emergency					2021-05-06	1.24													
5045673	SDWMR_2020A	SDWMR_2020A	803	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-05-03	2021-05-03	No								2021-05-05	ND													
5045639	SDWMR_2020A	SDWMR_2020A	820	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-05-05	2021-05-05	No								2021-05-07	ND													
5045670	SDWMR_2020A	SDWMR_2020A	811	GREENFIELD AVE	Lead	Lead	PEX	Copper	2021-05-06	2021-05-06	No								2021-05-07	ND													
5059745	SDWMR_2020A	SDWMR_2020A	322	MERIDAN ST	Lead	Lead	PEX	Copper	2021-05-10	2021-05-10	No								2021-05-11	9.68													
5066450	Ops	Private Reimbursement	416	PRESSLEY ST	Lead	Lead	PEX	Copper	2022-09-12	2021-05-22	No			Emergency					2022-09-25	ND													
5036356	Wightman Park Phase 2	Wightman Park Phase 2	5648	SOLWAY ST	Lead	Lead	PEX	Copper	2021-05-26	2021-05-26	No								2021-07-19	4.5													
5036353	Wightman Park Phase 2	Wightman Park Phase 2	5642	SOLWAY ST	Lead	Lead	PEX	Copper	2021-06-02	2021-06-02	No								2021-06-07	ND													
5036354	Wightman Park Phase 2	Wightman Park Phase 2	5644	SOLWAY ST	Lead	Lead	PEX	Copper	2021-06-02	2021-06-02	No								2021-06-05	9.29													
5061491	SDWMR_2020A	SDWMR_2020A	97	WESTWOOD ST	Lead	Lead	PEX	Copper	2021-06-03	2021-06-03	No								2021-06-04	ND													
5061494	SDWMR_2020A	SDWMR_2020A	103	WESTWOOD ST	Lead	Lead	PEX	Copper	2021-06-04	2021-06-04	No								2021-06-05	1.13													
5061495	SDWMR_2020A	SDWMR_2020A	105	WESTWOOD ST	Lead	Copper	PEX	Not Replaced	2021-06-08		No								2021-06-09	1.26													
5061490	SDWMR_2020A	SDWMR_2020A	93	WESTWOOD ST	Lead	Lead	PEX	Copper	2021-06-08	2021-06-08	No								2021-06-11	1.32													
5061496	SDWMR_2020A	SDWMR_2020A	107	WESTWOOD ST	Lead	Copper	PEX	Not Replaced	2021-06-09		No								2021-06-10	12.8													
5052382	SDWMR_2019	SDWMR_2019	2414	SALISBURY ST	Lead	Lead	PEX	Copper	2021-06-14	2021-06-14	No								2021-06-15	3.96													
5045419	Ops	Urgent LSLR	422	KAERCHER ST	Lead	Lead	PEX	Copper	2021-06-16	2021-06-28	No	Yes	Emergency						2021-06-29	ND													
5052385	SDWMR_2019	SDWMR_2019	2420	SALISBURY ST	Lead	Lead	PEX	Copper	2021-06-16	2021-06-16	No								2021-06-17	1.46													
5059493	SDWMR_2020A	SDWMR_2020A	233	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-16	2021-06-16	No								2021-06-17	3.5													
5012700	Ops	Urgent LSLR	4512	MINERVA ST	Lead	Lead	PEX	Copper	2021-06-17	2021-06-30	No	Yes	Emergency						2021-08-02	2.67													
5059488	SDWMR_2020A	SDWMR_2020A	230	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-17	2021-06-17	No								2021-06-30	ND													
5019663	Ops	Private Reimbursement	5347	WATERFORD ST	Lead	Lead	PEX	Copper	2021-06-18	2021-06-18	No			Emergency					2021-08-26	ND													
5059485	SDWMR_2020A	SDWMR_2020A	224	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-21	2021-06-21	No								2021-06-25	ND													
5052057	SDWMR_2019	SDWMR_2019	2321	SALISBURY ST	Copper	Lead	PEX	Copper	2021-06-21	2021-06-21	No								2021-06-23	1.35													
5059495	SDWMR_2020A	SDWMR_2020A	227	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-21	2021-06-21	No								2021-06-23	7.51													
5049903	Ops	Private Reimbursement	739	LORETTA ST	Lead	Lead	PEX	Copper	2021-06-22	2021-06-29	No			Emergency					2021-07-15	4.1													
5052053	SDWMR_2019	SDWMR_2019	2313	SALISBURY ST	Lead	Lead	PEX	Copper	2021-06-22	2021-06-22	No								2021-06-24	10.2		2021-09-28	1.67											
5059494	SDWMR_2020A	SDWMR_2020A	229	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-22	2021-06-22	No								2021-06-23	ND													
5052058	SDWMR_2019	SDWMR_2019	2323	SALISBURY ST	Copper	Lead	PEX	Copper	2021-06-23	2021-06-23	No								2021-06-24	ND													
5052055	SDWMR_2019	SDWMR_2019	2317	SALISBURY ST	Lead	Lead	PEX	Copper	2021-06-23	2021-06-23	No								2021-06-24	32		2021-09-28	1.93											
5052096	SDWMR_2019	SDWMR_2019	2310	SALISBURY ST	Lead	Copper	PEX	Not Replaced	2021-06-23		No								2021-06-23	3.02													
5052054	SDWMR_2019	SDWMR_2019	2315	SALISBURY ST	Lead	Lead	PEX	Copper	2021-06-23	2021-06-23	No								2021-07-27	8.74													
5052341	SDWMR_2019	SDWMR_2019	2314	SALISBURY ST	Lead	Lead	PEX	Copper	2021-06-24	2021-06-24	No								2022-05-31	1.75													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5059499	SDWMR_2020A	SDWMR_2020A	217	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-24	2021-06-24	No								2021-06-24	37.5													
5059497	SDWMR_2020A	SDWMR_2020A	223	SMITH WAY	Lead	Lead	PEX	Copper	2021-06-25	2021-06-25	No								2021-07-01	ND													
5052352	SDWMR_2019	SDWMR_2019	1405	ELEANOR ST	Lead	Lead	PEX	Copper	2021-06-29	2021-06-29	No								2021-07-03	ND													
5052353	SDWMR_2019	SDWMR_2019	1407	ELEANOR ST	Lead	Lead	PEX	Copper	2021-06-29	2021-06-29	No								2021-07-03	ND													
5052355	SDWMR_2019	SDWMR_2019	1411	ELEANOR ST	Lead	Lead	PEX	Copper	2021-06-30	2021-06-30	No								2021-07-02	ND													
5052360	SDWMR_2019	SDWMR_2019	1505	ELEANOR ST	Unknown	Lead	PEX	Copper	2021-07-06	2021-07-06	No								2021-08-26	1.37													
5059486	SDWMR_2020A	SDWMR_2020A	226	SMITH WAY	Lead	Lead	PEX	Copper	2021-07-07	2021-07-07	No								2021-07-08	126		2021-07-24	8.89											
5051982	SDWMR_2019	SDWMR_2019	2408	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-09	2021-07-09	No								2021-07-13	2.1													
5037046	Ops	Private Reimbursement	5530	DARLINGTON RD	Lead	Lead	PEX	Copper	2021-07-13	2021-07-12	No	Yes	Emergency						2021-09-09	2.12													
5009369	Ops	Urgent LSLR	3472	LIGONIER ST	Lead	Lead	PEX	Copper	2021-07-12	2021-07-14	Yes		Emergency						2021-07-16	1.19													
5051947	SDWMR_2019	SDWMR_2019	2427	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-12	2021-07-12	No								2021-07-14	ND													
5018529	Ops	Urgent LSLR	4608	PLUMMER ST	Lead	Lead	PEX	Copper	2021-07-14	2021-07-14	No			Emergency					2021-07-17	ND													
5051988	SDWMR_2019	SDWMR_2019	2427	BERG ST	Lead	Copper	PEX	Not Replaced	2021-07-14		No								2021-08-08	5.55													
5051990	SDWMR_2019	SDWMR_2019	2434	COBDEN ST	Lead	Copper	PEX	Not Replaced	2021-07-14		No								2021-07-19	ND													
5052263	Ops	Urgent LSLR	2115	ARLINGTON AVE	Lead	Lead	PEX	Copper	2021-07-16	2021-08-26	No	Yes	Emergency						2021-08-28	2.75													
5052383	SDWMR_2019	SDWMR_2019	2416	SALISBURY ST	Lead	Copper	PEX	Copper	2021-07-16	2021-07-16	No								2021-12-28	ND													
5058781	SDWMR_2020A	SDWMR_2020A	508	GRACE ST	Lead	Lead	PEX	Copper	2021-07-16	2021-07-16	No								2021-07-18	8.42													
5051942	SDWMR_2019	SDWMR_2019	2503	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-20	2021-07-20	No								2021-09-01	ND													
5051941	SDWMR_2019	SDWMR_2019	2505	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-20	2021-07-20	No								2021-07-24	4.16													
5051993	SDWMR_2019	SDWMR_2019	2500	COBDEN ST	Lead	Copper	PEX	Not Replaced	2021-07-20		No								2021-07-25	10.6													
5052132	SDWMR_2019	SDWMR_2019	2711	COBDEN ST	Lead	Copper	PEX	Not Replaced	2021-07-21		No								2021-08-02	ND													
5051995	SDWMR_2019	SDWMR_2019	2508	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-22	2021-07-22	No								2021-07-23	18.6													
5037188	Ops	Urgent LSLR	5646	DARLINGTON RD	Lead	Lead	Copper	Copper	2021-07-23	2021-08-02	No	Yes	Emergency						2021-08-04	5.78													
5051707	Ops	Urgent LSLR	2628	STELLA ST	Lead	Lead	PEX	Copper	2021-07-23	2021-07-27	No	Yes	Emergency						2021-07-28	4.24													
5058793	SDWMR_2020A	SDWMR_2020A	501	GRACE ST	Copper	Lead	PEX	Copper	2021-07-26	2021-07-26	No								2021-07-28	ND													
5052126	SDWMR_2019	SDWMR_2019	2733	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-26	2021-07-26	No								2021-07-27	ND													
5052144	SDWMR_2019	SDWMR_2019	2632	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-27	2021-07-27	No								2021-09-13	ND													
5052140	SDWMR_2019	SDWMR_2019	2718	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-27	2021-07-27	No								2021-07-28	2.63													
5052127	SDWMR_2019	SDWMR_2019	2727	COBDEN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2021-07-28	2021-07-28	No								2021-08-09	ND													
5052128	SDWMR_2019	SDWMR_2019	2725	COBDEN ST	Lead	Lead	PEX	Copper	2021-07-28	2021-07-28	No								2021-09-22	1.23													
5052182	SDWMR_2019	SDWMR_2019	3	COLOGNE ST	Lead	Lead	PEX	Copper	2021-07-29	2021-07-29	No								2021-08-04	ND													
5079797	Ops	Urgent LSLR	4055	CAMBRONNE ST	Lead	Lead	PEX	Copper	2021-08-01	2021-08-04	No			Emergency					2021-08-05	143		2021-08-25	56.7		2021-09-22	1.89								
5052188	SDWMR_2019	SDWMR_2019	2803	COBDEN ST	Copper	Lead	PEX	Copper	2021-08-02	2021-08-02	No								2021-08-03	2.18													
5069403	Ops	Private Reimbursement	1922	TOURS ST	Lead	Lead	PEX	Copper	2021-08-03	2021-08-03	No		Emergency						2021-08-06	4.42													
5013205	Ops	Urgent LSLR	103	MOREWOOD AVE	Lead	Lead	PEX	Copper	2021-08-03	2021-08-19	No	Yes	Emergency						2021-09-29	ND													
5052198	SDWMR_2019	SDWMR_2019	2833	COBDEN ST	Lead	Lead	PEX	Copper	2021-08-04	2021-08-04	No								2021-08-06	ND													
5014600	Ops	Urgent LSLR	4784	YEW ST	Lead	Lead	PEX	Copper	2021-08-05	2021-08-20	No	Yes	Emergency						2021-08-22	2													
5052624	SDWMR_2019	SDWMR_2019	3101	NORTHVIEW ST	Copper	Lead	PEX	Copper	2021-08-09	2021-08-09	No								2021-08-11	3.96													
5052209	SDWMR_2019	SDWMR_2019	2827	SUMNER ST	Lead	Lead	PEX	Copper	2021-08-10	2021-08-10	No								2021-08-16	21.3		2021-11-17	3.32											
5036052	Ops	Urgent LSLR	1353	SHADY AVE	Lead	Lead	PEX	Copper	2021-08-11	2021-08-13	No	Yes	Emergency						2021-08-15	ND													
5052627	SDWMR_2019	SDWMR_2019	3107	COBDEN ST	Lead	Copper	PEX	Not Replaced	2021-08-11		No								2021-08-12	ND													
5060427	SDWMR_2020A	SDWMR_2020A	407	CLARENCE ST	Lead	Copper	PEX	Not Replaced	2021-08-11		No								2021-08-15	2.97													
5041073	Ops		426	HASTINGS ST	Lead	Copper	PEX	Not Replaced	2021-08-18		No		Emergency						2021-08-31	1.1													
5052207	SDWMR_2019	SDWMR_2019	2909	SUMNER ST	Lead	Lead	PEX	Copper	2021-08-19	2021-08-19	No								2021-09-02	4.62													
5060426	SDWMR_2020A	SDWMR_2020A	411	CLARENCE ST	PEX	Lead	PEX	Copper	2021-08-19	2021-08-19	No								2021-08-20	1.09													
5000582	BRT	BRT	1806	FORBES AVE	Lead	Lead	PEX	Copper	2021-08-21	2021-08-21	No								2023-07-05	10.9													
5066703	Ops	Urgent LSLR	914	JAMES ST	Lead	Lead	PEX	Copper	2021-08-23	2021-08-30	No	Yes	Emergency						2021-11-29	ND													
5052219	SDWMR_2019	SDWMR_2019	2721	SUMNER ST	Lead	Lead	PEX	Copper	2021-08-25	2021-08-25	No								2021-08-29	ND													
5052217	SDWMR_2019	SDWMR_2019	2727	SUMNER ST	Lead	Lead	PEX	Copper	2021-08-25	2021-08-25	No								2021-08-27	1.06													
5051737	SDWMR_2019	SDWMR_2019	2616	SUMNER ST	Lead	Lead	PEX	Copper	2021-08-30	2021-08-30	No								2021-09-03	1.76													
5052213	SDWMR_2019	SDWMR_2019	2735	SUMNER ST	Lead	Copper	PEX	Not Replaced	2021-09-02		No								2021-09-04	1.21													
5012449	Maryland Ave GI	Maryland Ave GI	5752	KENTUCKY AVE	Lead	Lead	PEX	Copper	2021-09-03	2021-09-03	No								2021-11-08	ND		2021-11-15	1.13											
5051742	SDWMR_2019	SDWMR_2019	2715	SUMNER ST	Lead	Copper	Copper	Copper	2021-09-08	2021-09-08	No								2021-09-09	7.15													
5051741	SDWMR_2019	SDWMR_2019	2713	SUMNER ST	Lead	Copper	PEX	Not Replaced	2021-09-09		No								2021-09-12	1.86													
5000720	BRT	BRT	2033	FORBES AVE	Lead	Copper	PEX	Not Replaced	2021-09-10		No								2021-09-14	ND													
5052103	SDWMR_2019	SDWMR_2019	2703	BURHAM ST	Lead	Lead	PEX	Copper	2021-09-13	2021-09-13	No								2021-09-14	21		2021-12-15	9.31											
5000771	BRT	BRT	2024	FORBES AVE	Copper	Lead	PEX	Copper	2021-09-14	2021-09-14	No								2021-09-16	ND													
5051936	SDWMR_2019	SDWMR_2019	2601	BURHAM ST	Copper	Lead	PEX	Copper	2021-09-15	2021-09-15	No								2021-09-17	5.36													
5051934	SDWMR_2019	SDWMR_2019	2512	BURHAM ST	Lead	Lead	PEX	Copper	2021-09-16	2021-09-16	No								2021-10-10	ND													
5051930	SDWMR_2019	SDWMR_2019	2424	BURHAM ST	Lead	Lead	PEX	Copper	2021-09-20	2021-09-20	No								2021-09-21	2.56													
5051597	SDWMR_2019	SDWMR_2019	2415	BURHAM ST	Lead	Lead	PEX	Copper	2021-09-20	2021-09-20	No								2021-09-24	1.47													
5000709	BRT	BRT	2018	5TH AVE	Lead	Lead	PEX	Copper	2021-09-20	2021-09-20	No								2021-09-20	27.2													
5000710	BRT	BRT	2020	5TH AVE	Lead	Lead	PEX	Copper	2021-09-20	2021-09-20	No								2021-09-22	3.35													
5053088	Ops	Private Reimbursement	15	S 14TH ST	Lead	Lead	PEX	Copper	2021-10-06	2021-11-01	No	Yes	Emergency						2022-04-06	2.66													
5030246	Ops	Urgent LSLR	529	FINLEY ST	Lead	Lead	PEX	Copper	2021-10-18	2021-10-25	No	Yes	Emergency						2021-11-15	ND													
5051734	SDWMR_2020B	SDWMR_2020B	2619	SUMNER ST	Lead	Copper	PEX	Not Replaced	2021-10-19		No								2021-10-22	1.07													
5051744	SDWMR_2020B	SDWMR_2020B	2722	STROMBERG ST	Copper	Lead	PEX	Copper	2021-10-20	2021-10-20	No								2021-10-22	2.21													
5064181	Ops	Urgent LSLR	1437	W NORTH AVE	Copper	Lead	Not Replaced	Copper		2021-10-21	No			Emergency					2021-10-24	44.8		2022-02-25	ND										
5030887	Ops		6929	CHURCHLAND ST	Lead	Copper	PEX	Not Replaced	2021-10-25		No		Emergency						2021-10-27	ND		2021-10-27	2.27										
5036834	Ops	Urgent LSLR	1545	ASBURY PL	Lead	Lead	PEX	Copper	2021-10-26	2021-11-15	No			Emergency					2021-11-17	ND													
5012082	Ops	Private Reimbursement	420	STRATTON LN	Lead	Lead	PEX	Copper	2021-10-28	2021-10-28	No		Emergency						2021-11-02	ND													
5041021	Ops	Urgent LSLR	502	GETTYSBURG ST	Lead	Lead	PEX	Copper	2021-11-01	2021-11-17	No	Yes	Emergency						2021-11-18	3.56													
5036329	Wightman Park Phase 2	Wightman Park Phase 2	5702	WOODMONT ST	Lead	Lead	PEX	Copper	2021-11-02	2021-11-02	No								2021-11-08	2.67													
5014988	Ops	Urgent LSLR	440	S AIKEN AVE	Lead	Lead	PEX	Copper	2021-11-09	2021-12-09	No			Emergency					2022-01-06	ND													
5061969	Ops	Urgent LSLR	9	ANGLE ST	Copper	Lead	Not Replaced	Copper		2021-11-10	No		Emergency						2021-11-17	ND													
5039481	Ops	Urgent LSLR	6349	MONITOR ST	Lead	Lead	PEX	Copper	2021-11-11	2021-11-11	No			Emergency					2022-01-12	ND													
5064004	Ops		3127	BRUNOT AVE	Lead	Copper	PEX	Not Replaced	2021-11-15		No		Emergency						2022-01-14	1													
5051576	SDWMR_2020B	SDWMR_2020B	76	HOLT ST	Copper	Lead	PEX	Copper	2021-11-23	2021-11-23	No								2021-11-25	2.56		2021-11-25	1.08										
5013989	Ops	Urgent LSLR	4773	SCIOTA ST	Lead	Lead	PEX	Copper	2021-11-30	2021-12-10	No	Yes	Emergency						2021-12-11	1.57													
5052307	Ops	Urgent LSLR	1611	STERLING ST	Lead	Lead	PEX	Copper	2021-12-20	2021-12-22	No	Yes	Emergency						2022-02-14	ND													
5051903	Ops	Urgent LSLR	1314	STERLING ST	Lead	Lead	PEX	Copper	2022-01-10	2022-01-22	No	Yes	Emergency						2022-01-24	8.32													
5073252	Ops	Urgent LSLR	1915-1917	ROCKLEDGE ST	Lead	Lead	PEX	Copper	2022-01-13	2022-01-15	No			Emergency					2022-01-17	ND													
5035986	Ops	Urgent LSLR	1310	MURRAY AVE	Lead	Lead	PEX	Copper	2022-01-21	2022-01-22	No	Yes	Emergency						2022-01-22	9.44													
5121908	Urgent Water	Urgent Water	828	STANTON AVENUE	Copper	Lead	PEX	Copper	2022-02-01	2022-02-02	Yes		Emergency						2022-02-12	ND													
5067844	Ops	Urgent LSLR	1406	FIRTH ST	Lead	Lead	PEX	Copper	2022-02-07	2022-02-10	No	Yes	Emergency						2022-02-11	ND													
5022951	Ops	Urgent LSLR	1434	WOODBINE ST	Lead	Lead	PEX	Copper	2022-02-14	2022-02-17	No	Yes	Emergency						2022-02-23	3.71													
5000290	BRT	BRT	1042	5TH AVE	Copper	Lead	PEX	Copper	2022-02-16	2022-02-16	No								2022-02-17	1.01													
5042127	Ops		619	KIRTLAND ST	Lead	Copper	PEX	Not Replaced	2022-02-24		No		Emergency						2022-05-12	ND													
5037597	Ops	Urgent LSLR_2	1906	WIGHTMAN ST	Lead	Lead	PEX	Copper	2022-03-03	2022-03-04	No	Yes	Emergency						2022-03-05	2300													
5065154	Ops	Urgent LSLR_2	1331	SHEFFIELD ST	Lead	Lead	PEX	Copper	2022-03-21	2022-03-23	No	Yes	Emergency						2022-03-28	2.17													
5038698	Ops	Urgent LSLR_2	5666	MELVIN ST	Lead	Lead	PEX	Copper	2022-03-29	2022-03-31	No	Yes	Emergency						2022-04-04	ND													
5044273	Priority	Priority	945	MILTON ST	Lead	Lead	PEX	Copper	2022-04-04	2022-04-04	No								2022-04-07	1.91													
5044221	Priority	Priority	707	S BRADDOCK AVE	Lead	Lead	PEX	Copper	2022-04-05	2022-04-05	No								2022-04-06	5.47													
5044084	Priority	Priority	701	S BRADDOCK AVE	Lead	Lead	PEX	Copper	2022-04-06	2022-04-06	No								2022-04-21	2.18													
5044013	Priority	Priority	7721	EDGERTON AVE	Copper	Lead	Not Replaced	Copper		2022-04-08	No								2022-04-10	4.69													
5026325	SDWMR_2021_B	SDWMR_2021_B	839	N SAINT CLAIR ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-04-08	2022-04-08	No								2022-04-10	ND													
5006153	Ops	Urgent LSLR_2	7	MCCLAREN ST	Lead	Lead	PEX	Copper	2022-04-11	2022-04-13	No	Yes	Emergency						2022-04-14	4.69													
5026315	Priority	Priority	822	MELLON ST	Lead	Lead	PEX	Copper	2022-04-11	2022-04-11	No				2020-07-15	2020-07-20	12.9		2022-04-12	ND													
5026429	Priority	Priority	815	N BEATTY ST	Lead	Lead	PEX	Copper	2022-04-12	2022-04-12	No								2022-04-13	ND													
5062361	D04_02	D04_02	907	HERSCHEL ST	Lead	Lead	PEX	Copper	2022-04-12	2022-04-12	No								2022-06-01	10.4													
5026445	Priority	Priority	815	N HIGHLAND AVE	Copper	Lead	Not Replaced	Copper		2022-04-13	No								2022-04-14	1.82													
5062357	D04_02	D04_02	904	HERSCHEL ST	Lead	Lead	PEX	Copper	2022-04-14	2022-04-14	No								2022-04-14	ND													
5028457	Priority	Priority	6319	STANTON AVE	Lead	Lead	PEX	Copper	2022-04-14	2022-04-14	No								2022-04-18	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5062624	D04_02	D04_02	726	HERSCHEL ST	Lead	Copper	PEX	Not Replaced	2022-04-15		No								2022-04-16	446		2022-05-08	7.9										
5062648	D04_02	D04_02	608	HERSCHEL ST	Lead	Lead	PEX	Copper	2022-04-18	2022-04-18	No								2022-04-21	11.9		2022-08-01	22		2022-10-20	5.8						
5024826	Priority	Priority	1139	KING AVE	Lead	Lead	PEX	Copper	2022-04-18	2022-04-18	No								2022-04-24	3.12												
5025868	Priority	Priority	5709	WELLESLEY AVE	Lead	Lead	PEX	Copper	2022-04-19	2022-04-19	No								2022-04-22	8.24												
5025867	Priority	Priority	5711	WELLESLEY AVE	Lead	Copper	PEX	Not Replaced	2022-04-19		No								2022-04-21	ND												
5062634	D04_02	D04_02	707	HERSCHEL ST	Lead	Copper	PEX	Not Replaced	2022-04-20		No								2022-06-03	2.89												
5025181	Priority	Priority	1118	KING AVE	Lead	Lead	PEX	Copper	2022-04-20	2022-04-20	No								2022-04-22	57		2022-06-10	24.4		2022-10-27	6						
5062635	D04_02	D04_02	715	HERSCHEL ST	Lead	Copper	PEX	Not Replaced	2022-04-20		No								2022-04-21	4.58												
5062656	D04_02	D04_02	434	HERSCHEL ST	Lead	Copper	PEX	Not Replaced	2022-04-20		No								2022-04-21	ND												
5016617	SDWMR_2021_B	SDWMR_2021_B	370	42ND ST	Lead	Lead	PEX	Copper	2022-04-20	2022-04-20	No								2022-04-22	3.8												
5016619	SDWMR_2021_B	SDWMR_2021_B	310	42ND ST	Lead	Copper	PEX	Not Replaced	2022-04-20		No								2022-06-15	ND												
5016616	SDWMR_2021_B	SDWMR_2021_B	372	42ND ST	Lead	Lead	PEX	Copper	2022-04-21	2022-04-21	No								2022-04-26	ND												
5008603	Ops	Urgent LSLR_2	3547	MELWOOD AVE	Lead	Lead	PEX	Copper	2022-04-22	2022-05-04	No	Yes	Emergency						2022-05-05	1.25												
5025090	Priority	Priority	1467	N HIGHLAND AVE	Lead	Lead	PEX	Copper	2022-04-22	2022-04-22	No								2022-04-25	4.81												
5030281	Priority	Priority	6619	SHETLAND AVE	Lead	Lead	PEX	Copper	2022-04-25	2022-04-25	No								2022-06-19	100		2022-07-02	30.1		2022-08-06	5.01						
5016611	SDWMR_2021_B	SDWMR_2021_B	328	42ND ST	Lead	Lead	PEX	Copper	2022-04-25	2022-04-25	No								2022-04-29	ND												
5017710	Priority	Priority	222	ELLA ST	Lead	Lead	PEX	Copper	2022-04-25	2022-04-25	No								2022-04-26	4												
5016612	SDWMR_2021_B	SDWMR_2021_B	382	42ND ST	Lead	Lead	PEX	Copper	2022-04-25	2022-04-25	No								2022-04-26	32.7		2022-08-02	1.38										
5037200	Ops	Urgent LSLR_2	5609-5611	DARLINGTON RD	Lead	Lead	PEX	Copper	2022-04-26	2022-05-03	No	Yes	Emergency						2022-05-05	13.5		2022-05-07	1.8										
5020020	Priority	Priority	5318	KEYSTONE ST	Copper	Lead	Not Replaced	Copper		2022-04-26	No								2022-06-02	2.57												
5013710	Priority	Priority	228	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2022-04-26	No								2022-04-27	1.7												
5062490	D04_02	D04_02	652	S MAIN ST	Lead	Lead	PEX	Copper	2022-04-27	2022-04-27	No								2022-05-03	1.22												
5043674	Priority	Priority	129	E END AVE	Lead	Copper	PEX	Not Replaced	2022-04-27		No				2021-11-12	2021-11-22	ND		2022-07-08	22.9		2023-01-05	25.4										
5013565	Priority	Priority	4913	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2022-04-27	No								2022-04-28	3.11												
5026810	SDWMR_2021_B	SDWMR_2021_B	5625	HAYS ST	Lead	Copper	PEX	Not Replaced	2022-04-27		No								2022-04-29	ND												
5016609	SDWMR_2021_B	SDWMR_2021_B	402	42ND ST	Copper	Lead	PEX	Copper	2022-04-27	2022-04-27	No								2022-04-28	1.36												
5026817	SDWMR_2021_B	SDWMR_2021_B	5635	HAYS ST	Lead	Lead	PEX	Copper	2022-04-28	2022-04-28	No								2022-04-29	ND												
5020791	Priority	Priority	5537	MCCANDLESS AVE	Lead	Lead	PEX	Copper	2022-04-29	2022-04-29	No								2022-05-03	78.6		2022-08-07	ND										
5062812	D04_02	D04_02	521	HERSCHEL ST	Copper	Lead	Not Replaced	Copper		2022-04-29	No								2022-05-02	ND												
5062551	D04_02	D04_02	602	S MAIN ST	Lead	Copper	PEX	Not Replaced	2022-04-29		No								2022-06-18	ND												
5062759	D04_02	D04_02	611	S MAIN ST	Lead	Lead	PEX	Copper	2022-04-29	2022-04-29	No								2022-06-22	2.11												
5016699	SDWMR_2021_B	SDWMR_2021_B	4211	DUNKELD WAY	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-05-02	2022-05-02	No								2022-05-10	ND												
5025892	Priority	Priority	1015	PORTLAND ST	Lead	Lead	PEX	Copper	2022-05-02	2022-05-02	No								2022-05-04	3.43												
5026819	SDWMR_2021_B	SDWMR_2021_B	5639	HAYS ST	Lead	Lead	PEX	Copper	2022-05-02	2022-05-02	No								2022-05-04	3.22												
5010084	Priority	Priority	529	IVY ST	Lead	Lead	PEX	Copper	2022-05-02	2022-05-02	No								2022-05-03	7.32												
5014892	Priority	Priority	421	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2022-05-03	No				2022-02-23	2022-03-14	74.2		2022-05-06	14.7		2022-08-03	ND										
5016708	SDWMR_2021_B	SDWMR_2021_B	4229	DUNKELD WAY	Lead	Lead Tailpiece	PEX	Copper	2022-05-03	2022-05-03	No								2022-05-04	ND												
5026870	SDWMR_2021_B	SDWMR_2021_B	5712	HAYS ST	Lead	Lead	PEX	Copper	2022-05-03	2022-05-03	No								2022-05-08	1.42												
5013042	Priority	Priority	626	EDMOND ST	Lead	Lead	PEX	Copper	2022-05-03	2022-05-03	No								2022-05-08	ND												
5026924	SDWMR_2021_B	SDWMR_2021_B	5705	HAYS ST	Lead	Copper	PEX	Not Replaced	2022-05-03		No								2022-05-28	ND												
5026969	SDWMR_2021_B	SDWMR_2021_B	710	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-04	2022-05-04	No								2022-05-05	1.19												
5034411	Priority	Priority	4	OLYMPIA PL	Lead Tailpiece	Lead	Copper Tailpiece	Copper	2022-05-04	2022-05-04	No								2022-05-05	6.42												
5007650	Ops	Urgent LSLR_2	4307	DAKOTA ST	Lead	Lead	PEX	Copper	2022-05-05	2022-05-11	No	Yes	Emergency						2022-05-12	4.7												
5016258	Priority	Priority	276	46TH ST	Lead	Lead	PEX	Copper	2022-05-05	2022-05-05	No								2022-05-07	3.21												
5016722	SDWMR_2021_B	SDWMR_2021_B	4221	SHERROD ST	PEX	Lead	PEX	Copper	2022-05-05	2022-05-05	No								2022-05-13	ND												
5024632	Priority	Priority	201	N GRAHAM ST	Lead	Lead	PEX	Copper	2022-05-09	2022-05-09	No								2022-05-22	ND												
5012728	Priority	Priority	418	TAYLOR ST	Lead	Lead	PEX	Copper	2022-05-09	2022-05-09	No								2022-05-11	2.95												
5061920	D04_02	D04_02	93	STEUBEN ST	Lead	Lead	PEX	Copper	2022-05-10	2022-05-10	No								2022-05-12	15.6		2022-08-16	3.54										
5042133	Priority	Priority	605	KIRTLAND ST	Lead	Lead	PEX	Copper	2022-05-10	2022-05-10	No								2022-07-11	1.08												
5016135	Priority	Priority	222	46TH ST	Copper	Lead	Not Replaced	Copper		2022-05-11	No								2022-05-13	ND												
5016539	Priority	Priority	318	42ND ST	Lead	Lead	PEX	Copper	2022-05-12	2022-05-12	No								2022-05-13	19.5		2022-08-13	3.06										
5062304	D04_02	D04_02	1012	HARKER ST	Copper	Lead	Not Replaced	Copper		2022-05-12	No								2022-05-16	ND												
5040219	McPherson Blvd Relay	McPherson Blvd Relay	6702	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-12	2022-05-12	No								2022-06-28	ND												
5040241	McPherson Blvd Relay	McPherson Blvd Relay	6705	MCPHERSON BLVD	Copper	Lead	PEX	Copper	2022-05-12	2022-05-12	No								2022-05-17	ND												
5017483	Ops	Private Reimbursement	397	40TH ST	Lead	Lead	PEX	PEX	2022-06-27	2022-05-13	No	Yes	Emergency						2022-08-15	1.27												
5017316	SDWMR_2021_B	SDWMR_2021_B	4563	CARROLL ST	Copper	Lead	PEX	Copper	2022-05-13	2022-05-13	No								2022-05-14	ND												
5040240	McPherson Blvd Relay	McPherson Blvd Relay	6707	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-13	2022-05-13	No								2022-05-13	ND		2022-05-14	ND										
5016743	SDWMR_2021_B	SDWMR_2021_B	4232	SHERROD ST	Lead	Lead	PEX	Copper	2022-05-13	2022-05-13	No								2022-05-16	ND												
5016744	SDWMR_2021_B	SDWMR_2021_B	413	42ND ST	Lead	Lead	PEX	Copper	2022-05-16	2022-05-16	No								2022-05-20	21.6		2023-01-21	3.09										
5026391	SDWMR_2021_B	SDWMR_2021_B	816	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-16	2022-05-16	No								2022-05-23	ND												
5035713	Priority	Priority	718	S LINDEN AVE	Lead	Lead	PEX	Copper	2022-05-16	2022-05-16	No								2022-05-20	ND												
5015369	Centre Ave Relay	Centre Ave Relay	4917	CENTRE AVE	Lead	Copper	PEX	Not Replaced	2022-05-17		No								2022-05-18	2.18												
5017321	SDWMR_2021_B	SDWMR_2021_B	4573	CARROLL ST	Lead	Lead	PEX	Copper	2022-05-17	2022-05-17	No								2022-07-25	ND												
5029127	Priority	Priority	609	THOMPSON ST	Lead	Copper	PEX	Not Replaced	2022-05-17		No								2022-07-11	14.1												
5017002	SDWMR_2021_B	SDWMR_2021_B	418	42ND ST	Lead	Copper	PEX	Not Replaced	2022-05-17		No								2022-05-18	ND												
5062253	D04_02	D04_02	1127	STEUBEN ST	Lead	Copper	PEX	Not Replaced	2022-05-17		No								2022-05-29	1.02												
5040239	McPherson Blvd Relay	McPherson Blvd Relay	6709	MCPHERSON BLVD	Lead	Copper	PEX	Not Replaced	2022-05-17		No								2022-05-20	ND												
5016721	SDWMR_2021_B	SDWMR_2021_B	4223	SHERROD ST	Copper	Lead	PEX	Copper	2022-05-17	2022-05-17	No								2022-05-20	ND												
5036434	Priority	Priority	5841	FERREE ST	Lead	Lead	PEX	Copper	2022-05-18	2022-05-18	No								2022-06-29	1.16												
5026385	SDWMR_2021_B	SDWMR_2021_B	830	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-18	2022-05-18	No								2022-12-13	ND												
5026358	SDWMR_2021_B	SDWMR_2021_B	829	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-18	2022-05-18	No								2022-05-18	1.36												
5040238	McPherson Blvd Relay	McPherson Blvd Relay	6713	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-18	2022-05-18	No								2022-05-22	ND												
5040221	McPherson Blvd Relay	McPherson Blvd Relay	6708	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-18	2022-05-18	No								2022-05-19	ND												
5017317	SDWMR_2021_B	SDWMR_2021_B	4565	CARROLL ST	Lead	Lead	PEX	Copper	2022-05-18	2022-05-18	No								2022-05-19	1.7												
5062373	D04_02	D04_02	1215	ARNOLD ST	Copper	Lead	PEX	Copper	2022-05-19	2022-05-19	No								2022-05-23	ND												
5040237	McPherson Blvd Relay	McPherson Blvd Relay	6715	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-19	2022-05-19	No								2022-05-19	ND		2022-05-31	ND										
5040313	McPherson Blvd Relay	McPherson Blvd Relay	6710	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-19	2022-05-19	No								2022-05-20	ND												
5026356	SDWMR_2021_B	SDWMR_2021_B	823	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-19	2022-05-19	No								2022-07-07	1.88												
5016724	SDWMR_2021_B	SDWMR_2021_B	4217	SHERROD ST	Lead	Copper	PEX	Not Replaced	2022-05-20		No								2022-05-23	ND												
5036849	Priority	Priority	5746	AYLESBORO AVE	Lead	Lead	Copper	Copper	2022-06-03	2022-05-20	No	Yes							2022-06-07	2.09												
5065150	Ops	Ops	1321	SHEFFIELD ST	Lead	Lead	PEX	PEX	2022-05-23	2022-05-23	No	Yes	Emergency						2022-09-19	ND												
5017307	SDWMR_2021_B	SDWMR_2021_B	4543	CARROLL ST	Lead	Lead	PEX	Copper	2022-05-23	2022-05-24	No	Yes							2022-09-22	47		2022-10-21	2.46										
5040236	McPherson Blvd Relay	McPherson Blvd Relay	6719	MCPHERSON BLVD	Lead	Copper	PEX	Not Replaced	2022-05-23		No								2022-05-24	ND												
5063694	D04_02	D04_02	147	FAIRVIEW AVE	Lead	Copper	PEX	Not Replaced	2022-05-23		No								2022-05-25	ND												
5026362	SDWMR_2021_B	SDWMR_2021_B	905	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-23	2022-05-23	No								2022-05-27	4.6												
5026363	SDWMR_2021_B	SDWMR_2021_B	909	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-05-23	2022-05-23	No								2022-05-26	1.23												
5036557	Priority	Priority	1506	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2022-05-24	2022-05-24	No								2022-05-25	ND												
5036905	Priority	Priority	5871	AYLESBORO AVE	Lead	Lead	PEX	Copper	2022-05-24	2022-05-24	No								2022-05-26	1.44												
5063695	D04_02	D04_02	143	FAIRVIEW AVE	Lead	Lead	PEX	Copper	2022-05-24	2022-05-24	No								2022-05-25	ND												
5025838	SDWMR_2021_B	SDWMR_2021_B	5801	WAYNE RD	Lead	Lead	PEX	Copper	2022-05-24	2022-05-24	No								2022-10-23	1.59												
5017018	SDWMR_2021_B	SDWMR_2021_B	4200	GENEVA ST	Lead	Lead	PEX	Copper	2022-05-25	2022-06-02	No	Yes							2022-06-03	22.7												
5017322	SDWMR_2021_B	SDWMR_2021_B	4601	CARROLL ST	Lead	Lead	PEX	Copper	2022-05-25	2022-05-25	No								2022-05-26	ND												
5017003	SDWMR_2021_B	SDWMR_2021_B	416	42ND ST	Lead	Lead	PEX	Copper	2022-05-25	2022-05-25	No								2022-05-26	1.61												
5017008	SDWMR_2021_B	SDWMR_2021_B	417	42ND ST	Lead	Lead	PEX	Copper	2022-05-25	2022-05-25	No								2022-05-26	ND												
5026381	SDWMR_2021_B	SDWMR_2021_B	5804	WAYNE RD	Lead	Lead	PEX	Copper	2022-05-25	2022-05-25	No								2022-05-31	5.08												
5026365	SDWMR_2021_B	SDWMR_2021_B	5807	WAYNE RD	Lead	Lead	PEX	Copper	2022-05-25	2022-05-25	No								2022-05-26	ND												
5040297	McPherson Blvd Relay	McPherson Blvd Relay	6800	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-05-25	2022-05-25	No								2022-05-26	1.37												
5016740	SDWMR_2021_B	SDWMR_2021_B	4226	SHERROD ST	Lead	Lead	PEX	Copper	2022-05-26	2022-05-26	No								2022-06-17	5.53												
5063728	D04_02	D04_02	207	FAIRVIEW AVE	Lead	Lead	PEX	Copper	2022-05-26	2022-05-26	No								2022-05-27	19.6		2022-09-28	1.77										
5026366	SDWMR_2021_B	SDWMR_2021_B	5811	WAYNE RD	Lead	Lead	PEX	Copper	2022-05-26	2022-05-26	No								2022-05-27	11.9		2022-09-09	1.35										
5026380	SDWMR_2021_B	SDWMR_2021_B	5814	WAYNE RD	Lead	Lead	PEX	Copper	2022-05-26	2022-05-26	No								2022-06-08	285		2022-07-03	ND										
5063722	D04_02	D04_02	307	FAIRVIEW AVE	Lead	Lead	PEX	Copper	2022-05-27	2022-05-27	No								2022-05-31	ND												
5016741	SDWMR_2021_B	SDWMR_2021_B	4228	SHERROD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-05-31	2022-05-31	No								2022-06-04	5.5												

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5017303	SDWMR_2021_B	SDWMR_2021_B	4536	CARROLL ST	Lead	Copper	PEX	Not Replaced	2022-05-31		No								2022-08-15	ND													
5017304	SDWMR_2021_B	SDWMR_2021_B	4538	CARROLL ST	Lead	Copper	PEX	Not Replaced	2022-05-31		No								2022-06-04	ND													
5063717	D04_02	D04_02	407	FAIRVIEW AVE	Lead	Copper	PEX	Not Replaced	2022-05-31		No								2022-06-08	ND													
5041729	Priority	Priority	309	S LANG AVE	Lead	Lead	PEX	Copper	2022-05-31	2022-05-31	No								2022-07-19	7.14													
5063768	D04_02	D04_02	410	FAIRVIEW AVE	Lead	Copper	PEX	Not Replaced	2022-05-31		No								2022-06-05	ND													
5063769	D04_02	D04_02	414	FAIRVIEW AVE	Lead	Copper	PEX	Not Replaced	2022-06-01		No								2022-06-03	ND													
5015261	Priority	Priority	5154	CYPRESS ST	Lead	Lead	PEX	Copper	2022-06-01	2022-06-01	No								2022-06-02	ND													
5014605	Priority	Priority	4794	YEW ST	Lead	Lead	PEX	Copper	2022-06-01	2022-06-01	No								2022-06-02	1.06													
5026368	SDWMR_2021_B	SDWMR_2021_B	5821	WAYNE RD	Lead	Lead	PEX	Copper	2022-06-01	2022-06-01	No								2022-08-02	1.63													
5063756	D04_02	D04_02	711	VALONIA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-06-02	2022-06-02	No								2022-06-06	2													
5063405	D04_02	D04_02	1006	ZAHNISER ST	Lead	Copper	PEX	Not Replaced	2022-06-02		No								2022-06-03	ND													
5017873	SDWMR_2021_B	SDWMR_2021_B	4623	CARROLL ST	Lead	Lead	PEX	Copper	2022-06-02	2022-06-02	No								2022-06-04	2.42													
5040228	McPherson Blvd Relay	McPherson Blvd Relay	6745	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-06-02	2022-06-02	No								2022-06-03	ND													
5017029	SDWMR_2021_B	SDWMR_2021_B	434	42ND ST	Lead	Copper	PEX	Not Replaced	2022-06-02		No								2022-06-03	ND													
5036531	Priority	Priority	1530	DENNISTON ST	Lead	Lead	PEX	Copper	2022-06-02	2022-06-02	No								2022-06-04	ND													
5036532	Priority	Priority	1534	DENNISTON ST	Lead	Lead	PEX	Copper	2022-06-02	2022-06-02	No								2022-06-03	1.99													
5013322	SDWMR_2021_B	SDWMR_2021_B	205	EDMOND ST	Copper	Lead	PEX	Copper	2022-06-03	2022-06-06	No	Yes							2022-06-08	4.63													
5013323	SDWMR_2021_B	SDWMR_2021_B	207	EDMOND ST	Lead	Lead	PEX	Copper	2022-06-03	2022-06-09	No								2022-06-10	2.22													
5040227	McPherson Blvd Relay	McPherson Blvd Relay	6747	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-06-03	2022-06-03	No								2022-06-05	5.77													
5040229	McPherson Blvd Relay	McPherson Blvd Relay	6741	MCPHERSON BLVD	Lead	Copper	PEX	Not Replaced	2022-06-03		No								2022-06-22	ND													
5026382	SDWMR_2021_B	SDWMR_2021_B	5800	WAYNE RD	Lead	Lead	PEX	Copper	2022-06-03	2022-06-03	No								2022-06-24	ND													
5063400	D04_02	D04_02	1135	OSWIN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-06-03	2022-06-03	No								2022-06-08	21.2													
5037835	Priority	Priority	5871-5873	HOBART ST	Lead	Lead	PEX	Copper	2022-06-06	2022-06-06	No								2022-06-08	4.19													
5040226	McPherson Blvd Relay	McPherson Blvd Relay	6751	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-06-06	2022-06-06	No								2022-08-03	ND													
5016059	SDWMR_2021_B	SDWMR_2021_B	4321	SUMMIT ST	Lead	Lead	PEX	Copper	2022-06-06	2022-06-06	No								2022-06-09	6.44													
5017876	SDWMR_2021_B	SDWMR_2021_B	4629	CARROLL ST	Lead	Lead	PEX	Copper	2022-06-06	2022-06-06	No								2022-06-09	ND													
5026374	SDWMR_2021_B	SDWMR_2021_B	901	N HIGHLAND AVE	Lead	Lead	PEX	Copper	2022-06-06	2022-06-06	No								2022-06-11	ND													
5037190	Priority	Priority	5630	DARLINGTON RD	Lead	Lead	PEX	Copper	2022-06-06	2022-06-06	No								2022-06-11	ND													
5037290	Priority	Priority	5825	BARTLETT ST	Lead	Lead	PEX	Copper	2022-06-07	2022-06-07	No								2022-06-08	ND		2022-06-11	ND		2022-08-25	ND							
5017894	SDWMR_2021_B	SDWMR_2021_B	4608	CARROLL ST	Lead	Lead	PEX	Copper	2022-06-08	2022-06-08	No								2022-06-10	1.38													
5061926	D04_02	D04_02	148	VIOLET WAY	Lead	Lead	PEX	Copper	2022-06-08	2022-06-08	No								2022-06-09	1.53													
5040298	McPherson Blvd Relay	McPherson Blvd Relay	220	N LINDEN AVE	Lead	Lead	PEX	Copper	2022-06-08	2022-06-08	No								2022-06-10	ND													
5017030	SDWMR_2021_B	SDWMR_2021_B	4201	POST ST	Lead	Lead	PEX	Copper	2022-06-09	2022-06-09	No								2022-07-15	2.53													
5017893	SDWMR_2021_B	SDWMR_2021_B	4610	CARROLL ST	Lead	Lead	PEX	Copper	2022-06-09	2022-06-09	No								2022-06-11	ND													
5027298	Priority	Priority	423	N SAINT CLAIR ST	Copper	Lead	Not Replaced	Copper		2022-06-09	No								2022-06-10	ND													
5026333	SDWMR_2021_B	SDWMR_2021_B	718	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-06-10	2022-06-10	No								2022-07-18	ND													
5017892	SDWMR_2021_B	SDWMR_2021_B	4612	CARROLL ST	Lead	Lead	PEX	Copper	2022-06-10	2022-06-10	No								2022-06-12	ND													
5017065	SDWMR_2021_B	SDWMR_2021_B	4206	POST ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-06-13	2022-06-13	No								2022-07-02	2.03													
5017328	SDWMR_2021_B	SDWMR_2021_B	4572	CARROLL ST	Copper	Lead	PEX	Copper	2022-06-13	2022-06-13	No								2022-06-16	ND													
5044373	Priority	Priority	1109	LANCASTER AVE	Lead	Lead	PEX	Copper	2022-06-13	2022-06-13	No								2022-06-15	3.56													
5035348	Priority	Priority	5457	DUNMOYLE AVE	Lead	Lead	PEX	Copper	2022-06-14	2022-06-14	No								2022-08-07	ND													
5043766	Priority_2	Priority_2	215	E END AVE	PEX	Lead	Not Replaced	Copper		2022-06-14	No								2023-12-19	ND													
5026863	SDWMR_2021_B	SDWMR_2021_B	707	N SAINT CLAIR ST	Lead	Copper	PEX	Not Replaced	2022-06-14		No								2022-06-15	1.23													
5026277	SDWMR_2021_B	SDWMR_2021_B	725	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-06-14	2022-06-14	No								2022-07-15	3.32													
5017036	SDWMR_2021_B	SDWMR_2021_B	4213	POST ST	Lead	Lead	PEX	Copper	2022-06-15	2022-06-15	No								2022-06-17	47.2		2022-09-26	ND											
5017031	SDWMR_2021_B	SDWMR_2021_B	4203	POST ST	Lead	Lead	PEX	Copper	2022-06-15	2022-06-15	No								2022-06-16	ND													
5036515	Priority	Priority	1515	SHADY AVE	Lead	Lead	PEX	Copper	2022-06-15	2022-06-15	No								2022-06-16	ND													
5017338	SDWMR_2021_B	SDWMR_2021_B	4552	CARROLL ST	Lead	Lead	PEX	Copper	2022-06-15	2022-06-15	No								2022-06-16	5.91													
5038581	Priority	Priority	5524	PHILLIPS AVE	Lead	Lead	PEX	Copper	2022-06-16	2022-06-16	No								2022-06-21	2.7													
5026864	SDWMR_2021_B	SDWMR_2021_B	709	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-06-16	2022-06-16	No								2022-06-20	1.11													
5017040	SDWMR_2021_B	SDWMR_2021_B	4221	POST ST	Lead	Lead	PEX	Copper	2022-06-16	2022-06-16	No								2022-06-28	ND													
5014564	Priority	Priority	4782	CYPRESS ST	Lead	Lead	PEX	Copper	2022-06-16	2022-06-16	No								2022-06-19	1.8													
5063698	D04_02	D04_02	125	FAIRVIEW AVE	Lead	Copper	PEX	Not Replaced	2022-06-17		No								2022-06-18	ND													
5017039	SDWMR_2021_B	SDWMR_2021_B	4219	POST ST	Lead	Lead	PEX	Copper	2022-06-20	2022-06-20	No								2022-06-21	ND													
5017695	SDWMR_2021_B	SDWMR_2021_B	4660	ROSINA WAY	Lead	Copper	PEX	Not Replaced	2022-06-20		No								2022-06-22	ND													
5062819	D04_02	D04_02	623	SEDAN WAY	Lead	Lead	PEX	Copper	2022-06-20	2022-06-20	No								2022-07-16	1.42													
5017690	SDWMR_2021_B	SDWMR_2021_B	4648	ROSINA WAY 4650	Lead	Lead	PEX	Copper	2022-06-21	2022-06-21	No								2022-06-22	ND													
5026328	SDWMR_2021_B	SDWMR_2021_B	833	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-06-21	2022-06-21	No								2022-06-23	ND													
5080109	Priority	Priority	3835	MCFARLAND ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-06-22	2022-06-22	No								2022-07-12	1.31													
5017686	SDWMR_2021_B	SDWMR_2021_B	4564	ROSINA WAY	Lead	Lead	PEX	Copper	2022-06-22	2022-06-22	No								2022-06-23	3.73													
5039475	Priority	Priority	6367	MONITOR ST	Unknown	Lead	PEX	Copper	2022-06-22	2022-06-22	No								2022-06-26	ND													
5016771	SDWMR_2021_B	SDWMR_2021_B	4225	POST ST	Lead	Lead	PEX	Copper	2022-06-22	2022-06-22	No								2022-06-25	4.25													
5016772	SDWMR_2021_B	SDWMR_2021_B	4227	POST ST	Lead	Lead	PEX	Copper	2022-06-22	2022-06-22	No								2022-06-27	6.68													
5026351	SDWMR_2021_B	SDWMR_2021_B	846	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-06-23	2022-06-23	No								2022-06-27	1.08													
5062824	D04_02	D04_02	612	NOBLESTOWN RD	Lead	Copper	PEX	Not Replaced	2022-06-23		No								2022-06-28	ND													
5080584	Priority_2	Priority_2	3820	OSWEGO ST	Lead	Lead	PEX	Copper	2022-06-24	2022-06-24	No								2022-06-26	2.86													
5017056	SDWMR_2021_B	SDWMR_2021_B	4224	POST ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-06-27	2022-06-27	No								2022-06-29	9.46													
5026326	SDWMR_2021_B	SDWMR_2021_B	837	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-06-27	2022-06-27	No								2022-06-29	1.83													
5017066	SDWMR_2021_B	SDWMR_2021_B	441	42ND ST	Lead	Lead	PEX	Copper	2022-06-27	2022-06-27	No								2022-06-29	ND													
5002100	Priority	Priority	230	WICK ST	Lead	Lead	PEX	Copper	2022-06-27	2022-06-27	No								2022-06-30	2.43													
5016788	SDWMR_2021_B	SDWMR_2021_B	4419	GARWOOD WAY	Lead	Copper	PEX	Not Replaced	2022-06-28		No								2022-06-29	1.16													
5064703	Priority	Priority	1333	COLUMBUS AVE	Lead	Lead	PEX	Copper	2022-06-28	2022-06-28	No								2022-06-29	ND													
5002519	Priority	Priority	4360	CENTRE AVE	Lead	Lead	PEX	Copper	2022-06-30	2022-06-29	No	Yes							2022-12-01	ND													
5007587	Ops	Urgent LSLR_2	832	SHAWNEE ST	Lead	Lead	PEX	Copper	2022-06-29	2022-07-11	No	Yes	Emergency						2022-07-12	9.36													
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								2022-07-01	9.64													
5010747	Priority	Priority	4922	ELLSWORTH AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-06-29	2022-06-29	No								2022-07-20	42.4		2022-10-12	4.24											
5024704	Ops	Urgent LSLR_2	236	N GRAHAM ST	Lead	Lead	PEX	Copper	2022-06-30	2022-07-08	No			Emergency					2022-07-09	8.8													
5021239	Ops	Private Reimbursement	4211	STANTON AVE	Lead	Lead	PEX	PEX	2022-07-07	2022-07-05	No	Yes	Emergency						2022-07-11	2.25													
5067695	Priority	Priority	1133	HASLAGE AVE	Lead	Lead	PEX	Copper	2022-07-05	2022-07-05	No								2022-07-18	ND													
5041049	Priority_2	Priority_2	527	GETTYSBURG ST	Lead	Lead	PEX	Copper	2022-07-06	2022-07-06	No								2022-07-07	2.1													
5043612	Priority_2	Priority_2	215	RICHLAND LN	Lead	Lead	PEX	Copper	2022-07-07	2022-07-07	No								2022-07-08	1.3													
5025742	SDWMR_2021_B	SDWMR_2021_B	5621	JACKSON ST	Lead	Lead	PEX	Copper	2022-07-07	2022-07-07	No								2022-07-09	6.08													
5070891	Priority_2	Priority_2	170	HENDERSON ST	Copper	Lead	Not Replaced	Copper		2022-07-07	No								2022-08-28	4.32													
5005008	Priority_2	Priority_2	3338	PARKVIEW AVE	Lead	Lead	PEX	Copper	2022-07-07	2022-07-07	No								2022-07-08	31.8													
5060348	Ops	Urgent LSLR_2	370	FINGAL ST	Lead	Lead	PEX	Copper	2022-07-08	2022-07-20	No	Yes	Emergency						2022-07-25	4.83													
5009964	Centre Ave Relay	Centre Ave Relay	4930	CENTRE AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-07-08	2022-07-08	No								2022-07-10	1.58		2022-07-10	3.26											
5077246	Priority_2	Priority_2	1207	HODGKISS ST	Lead	Lead	PEX	Copper	2022-07-08	2022-07-08	No								2022-07-11	9.62													
5008640	Priority_2	Priority_2	3434	MELWOOD AVE	Lead	Lead	PEX	Copper	2022-07-08	2022-07-08	No								2022-07-11	12.5		2022-11-17	2.84											
5069068	Ops		2162	LOWRIE ST	Lead	Copper	PEX	Not Replaced	2022-07-09		No	No	Emergency						2022-09-17	3.76													
5025752	SDWMR_2021_B	SDWMR_2021_B	5620	JACKSON ST	Lead	Lead	PEX	Copper	2022-07-11	2022-07-11	No								2022-07-15	2.33													
5035875	Priority	Priority	5562	WILKINS AVE	Lead	Lead	PEX	Copper	2022-07-11	2022-07-11	No								2022-07-12	2.93													
5080462	Priority_2	Priority_2	1237	BENTON AVE	Lead	Lead	PEX	Copper	2022-07-11	2022-07-11	No								2022-07-12	5.46													
5078210	Priority	Priority	3475	SIMEN AVE	Lead	Lead	PEX	Copper	2022-07-11	2022-07-11	No								2022-07-13	5.06													
5080087	Priority	Priority	921	BENTON AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-07-12	2022-07-12	No								2022-07-14	3.21													
5035873	Priority	Priority	5558	WILKINS AVE	Lead	Lead	PEX	Copper	2022-07-12	2022-07-12	No								2022-07-14	ND													
5061001	Priority_2	Priority_2	159	HALLOCK ST	Copper	Lead	Not Replaced	Copper		2022-07-12	No								2022-07-14	ND													
5025754	SDWMR_2021_B	SDWMR_2021_B	826	PORTLAND ST	Copper	Lead	PEX	Copper	2022-07-12	2022-07-12	No								2022-08-07	ND													
5026367	SDWMR_2021_B	SDWMR_2021_B	5817	WAYNE RD	Lead	Lead	PEX	Copper	2022-07-13	2022-07-13	No								2022-08-29	2.78													
5035825	Priority	Priority	5518	WILKINS AVE	Lead	Lead	PEX	Copper	2022-07-13	2022-07-13	No								2022-07-15	1.32													
5004433	D02_03	D02_03	3314	HARDIE WAY	Lead	Lead	PEX	Copper	2022-07-13	2022-07-13	No								2022-07-15	5.18													
5019621	Priority_2	Priority_2	5331	KINCAID ST	Copper	Lead	Not Replaced	Copper		2022-07-14	No								2022-07-15	4.86													
5034438	Priority	Priority	5406	WILKINS AVE	Copper	Lead	Not Replaced	Copper		2022-07-14	No								2022-07-19	4.17													
5017297	SDWMR_2021_B	SDWMR_2021_B	4534	CARROLL ST	Lead	Lead	PEX	Copper	2022-07-14	2022-07-14	No								2022-08-26	6.22													

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5042495	Priority_2	Priority_2	6558	BARTLETT ST	Lead	Lead	PEX	Copper	2022-07-14	2022-07-14	No								2022-07-16	1.1													
5035423	Priority	Priority	5449	WILKINS AVE	Lead	Lead	PEX	Copper	2022-07-15	2022-07-15	No								2022-08-24	1.62													
5052454	Priority_2	Priority_2	2919	HARCUM WAY	Lead	Lead	PEX	Copper	2022-07-15	2022-07-15	No								2022-07-18	9.69													
5004768	D02_03	D02_03	3245	HARDIE WAY	Lead	Lead	PEX	Copper	2022-07-15	2022-07-15	No								2022-07-18	ND													
5035710	Priority_2	Priority_2	712	S LINDEN AVE	Lead	Lead	PEX	Copper	2022-07-15	2022-07-15	No								2022-07-16	2.01													
5034437	Priority_2	Priority_2	5404	WILKINS AVE	Lead	Lead	PEX	Copper	2022-07-18	2022-07-18	No								2022-07-20	4.22													
5065128	Priority	Priority	1334	SHEFFIELD ST	Lead	Copper	PEX	Not Replaced	2022-07-18		No								2022-07-20	2.73													
5005204	D02_03	D02_03	3736	CHILDS ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-07-18	2022-07-18	No								2022-07-18	1.35													
5042473	Priority_2	Priority_2	1960	BEECHWOOD BLVD	Copper	Lead	Not Replaced	Copper		2022-07-19	No								2022-09-18	ND													
5012738	Priority	Priority	406	TAYLOR ST	Lead	Lead	PEX	Copper	2022-07-19	2022-07-19	No								2022-07-20	13.9		2022-10-31	8.1											
5077588	Priority_2	Priority_2	3738	HIAWATHA ST	Lead	Lead	PEX	Copper	2022-07-19	2022-07-19	No								2022-09-14	2.24													
5062872	Priority	Priority	144	WABASH ST	Lead	Copper	PEX	Not Replaced	2022-07-20		No								2022-09-21	ND													
5041854	Priority_2	Priority_2	523	S LANG AVE	Copper	Lead	Not Replaced	Copper		2022-07-20	No								2022-07-22	2.01													
5004455	D02_03	D02_03	5	VIRGILA PL	Copper	Lead	Not Replaced	Copper		2022-07-20	No								2022-07-22	1.76													
5017341	SDWMR_2021_B	SDWMR_2021_B	4543-49	FRIENDSHIP AVE	Lead	Lead	PEX	Copper	2022-07-20	2022-07-20	No								2022-07-21	ND													
5014803	Priority_2	Priority_2	530	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2022-07-20	2022-07-20	No								2022-07-20	3.55													
5123053	Ops		827	NORTH AVENUE	Lead	Copper	PEX	Not Replaced	2022-07-21		No		Emergency						2022-10-18	ND													
5063591	Priority	Priority	922	CHARTIERS AVE	Copper	Lead	Not Replaced	Copper		2022-07-21	No								2022-08-19	9.15													
5010021	Priority_2	Priority_2	5325	ELLSWORTH AVE	Lead	Lead	PEX	Copper	2022-07-21	2022-07-22	No	Yes							2022-12-27	1.49													
5026414	Priority_2	Priority_2	5819	STANTON AVE	Lead	Lead	PEX	Copper	2022-07-25	2022-07-25	No								2022-07-26	17.6													
5043462	SDWMR_2021_C	SDWMR_2021_C	7234-7236	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-07-25	2022-07-25	No								2022-11-25	ND													
5038548	Priority	Priority	6343	PHILLIPS AVE	Lead	Lead	PEX	Copper	2022-07-25	2022-07-25	No				2019-10-04	2019-10-15	20.8		2022-07-30	2.35													
5016789	SDWMR_2021_B	SDWMR_2021_B	4417	GARWOOD WAY	Lead	Lead	PEX	Copper	2022-07-26	2022-08-03	No	Yes							2022-08-04	ND													
5004435	D02_03	D02_03	32	HARDIE WAY	Lead	Lead	PEX	Copper	2022-07-26	2022-07-26	No								2022-07-28	ND													
5010666	Priority_2	Priority_2	721	FILBERT ST	Lead	Lead	PEX	Copper	2022-07-26	2022-07-26	No								2022-07-29	1.82													
5004772	D02_03	D02_03	3238	HARDIE WAY	Lead	Lead	PEX	Copper	2022-07-26	2022-07-26	No								2022-08-11	2.46													
5011798	Priority_2	Priority_2	618	S NEGLEY AVE	Lead	Lead	PEX	Copper	2022-07-26	2022-10-03	No	Yes							2024-03-20	2.87													
5005184	Priority_2	Priority_2	3721	ORPWOOD ST	Lead	Lead	PEX	Copper	2022-07-27	2022-07-27	No								2022-07-28	2.04													
5025818	SDWMR_2021_B	SDWMR_2021_B	908	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-07-27	2022-07-27	No								2022-07-30	3.23													
5025819	SDWMR_2021_B	SDWMR_2021_B	910	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-07-27	2022-07-27	No								2023-07-05	ND													
5017345	Priority_2	Priority_2	4442	MILGATE ST	Lead	Lead	PEX	Copper	2022-07-28	2022-07-28	No								2022-07-30	3.36													
5047974	Priority	Priority	135	JOHNSTON AVE	Lead	Lead	PEX	Copper	2022-07-28	2022-07-28	No								2022-08-01	ND													
5068943	Priority_2	Priority_2	1529	HATTERAS ST	Lead	Copper	PEX	Not Replaced	2022-07-29		No								2022-08-03	69													
5005067	D02_03	D02_03	3139	WARD ST	Lead	Lead	PEX	Copper	2022-07-29	2022-07-29	No								2022-09-14	ND													
5035619	Priority_2	Priority_2	1249	DENNISTON ST	Lead	Lead	PEX	Copper	2022-07-29	2022-07-29	No								2022-07-30	1.88													
5043451	SDWMR_2021_C	SDWMR_2021_C	7221	THOMAS BLVD	Copper	Lead	PEX	Copper	2022-08-01	2022-08-01	No								2022-08-15	2.8													
5016540	Priority_2	Priority_2	266	42ND ST	Lead	Lead	PEX	Copper	2022-08-01	2022-08-01	No								2022-08-03	1.32													
5025821	SDWMR_2021_B	SDWMR_2021_B	914	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-08-01	2022-08-01	No								2022-08-17	ND													
5005065	D02_03	D02_03	3132	WARD ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-08-02	2022-08-02	No								2022-08-13	ND													
5012049	Priority_2	Priority_2	407	S HIGHLAND AVE	Lead	Lead	PEX	Copper	2022-08-02	2022-08-02	No								2022-08-04	2.21													
5070237	Priority	Priority	434	CATOMA ST	Lead	Lead	PEX	Copper	2022-08-02	2022-08-02	No								2022-11-09	ND													
5002582	Priority	Priority	249	N DITHRIDGE ST	Copper	Lead	Not Replaced	Copper		2022-08-03	No				2020-12-03	2020-12-14	ND		2022-08-03	4.16		2022-08-04	1.93										
5040941	SDWMR_2021_C	SDWMR_2021_C	7143	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-08-03	2022-08-03	No								2022-08-04	2.02													
5005211	D02_03	D02_03	3635	CHILDS ST	Copper	Lead	Not Replaced	Copper		2022-08-03	No								2022-08-06	ND													
5040294	McPherson Blvd Relay	McPherson Blvd Relay	6810	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-08-03	2022-08-03	No								2022-08-04	2.01													
5041128	Priority_2	Priority_2	512	S LINDEN AVE	Lead	Lead	PEX	Copper	2022-08-03	2022-08-03	No								2022-08-06	ND													
5040943	SDWMR_2021_C	SDWMR_2021_C	7141	THOMAS BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-08-04	2022-08-04	No								2022-08-06	ND													
5034876	Priority_2	Priority_2	5334	FORBES AVE	Lead	Copper	PEX	Not Replaced	2022-08-04		No								2022-08-05	3.04													
5004427	D02_03	D02_03	3326	HARDIE WAY	Copper	Lead	Not Replaced	Copper		2022-08-04	No								2022-11-06	ND													
5040495	McPherson Blvd Relay	McPherson Blvd Relay	6815	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-08-04	2022-08-04	No								2022-08-06	11.2													
5052752	Priority	Priority	425	E CARSON ST	Lead	Lead	PEX	Copper	2022-08-04	2022-08-04	No								2022-08-09	1.01													
5025439	Priority_2	Priority_2	1124	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-08-05	2022-08-05	No								2023-06-03	ND													
5025220	Priority	Priority	1112	N NEGLEY AVE	Copper	Lead	Not Replaced	Copper		2022-08-08	No								2022-09-07	12.5		2022-11-23	ND										
5016924	Priority_2	Priority_2	327	FISK ST	Lead	Lead	PEX	Copper	2022-08-08	2022-08-08	No								2022-09-25	ND													
5044266	Priority_2	Priority_2	915	MILTON ST	Lead	Lead	PEX	Copper	2022-08-09	2022-08-09	No								2022-09-25	3.47													
5010205	D01_08	D01_08	311	N NEVILLE ST	Copper	Lead	Not Replaced	Copper		2022-08-09	No								2022-08-11	1.77													
5017457	Priority_2	Priority_2	414	FISK ST	Lead	Lead	PEX	Copper	2022-08-09	2022-08-09	No								2022-09-04	ND													
5004326	D02_03	D02_03	18	MACKEY ST	Copper	Lead	Not Replaced	Copper		2022-08-09	No								2022-09-12	ND													
5015164	Priority_2	Priority_2	733	BROUGHTON ST	Lead	Lead	PEX	Copper	2022-08-10	2022-08-10	No								2022-08-12	2.09		2022-08-12	ND		2022-08-13	ND							
5016934	Priority_2	Priority_2	347	FISK ST	Lead	Lead	PEX	Copper	2022-08-10	2022-08-10	No								2022-09-23	45.4		2023-03-11	1.73										
5042058	Priority_2	Priority_2	6604	WOODWELL ST	Lead	Lead	PEX	Copper	2022-08-11	2022-08-11	No								2022-08-23	6.77													
5004675	D02_03	D02_03	15	HODGE ST	Copper	Lead	Not Replaced	Copper		2022-08-11	No								2022-12-16	ND													
5030244	Priority_2	Priority_2	537	FINLEY ST	Copper	Lead	Not Replaced	Copper		2022-08-11	No								2022-08-14	1.08													
5045408	Priority_2	Priority_2	4134	STANLEY ST	Lead	Copper	PEX	Not Replaced	2022-08-12		No								2022-08-13	85.7		2022-09-06	2.54										
5004677	D02_03	D02_03	4	HODGE ST	Lead	Copper	PEX	Not Replaced	2022-08-12		No								2022-09-16	ND													
5040420	McPherson Blvd Relay	McPherson Blvd Relay	6830	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-08-15	2022-08-15	No								2022-09-02	ND													
5040947	SDWMR_2021_C	SDWMR_2021_C	7129	THOMAS BLVD	Lead	Copper	PEX	Not Replaced	2022-08-15		No								2022-08-16	4.06													
5040487	McPherson Blvd Relay	McPherson Blvd Relay	6831	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-08-15	2022-08-15	No								2022-08-17	6.64													
5034643	Priority_2	Priority_2	208	GLADSTONE RD	Lead	Lead	PEX	Copper	2022-08-15	2022-08-15	No								2022-08-19	2.22													
5040422	McPherson Blvd Relay	McPherson Blvd Relay	6834	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-08-16	2022-08-16	No								2022-08-20	2.86													
5040489	McPherson Blvd Relay	McPherson Blvd Relay	6827	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2022-08-16	2022-08-16	No								2022-08-18	ND													
5026246	SDWMR_2021_B	SDWMR_2021_B	714	PORTLAND WAY	Lead	Lead	PEX	Copper	2022-08-16	2022-08-16	No								2022-10-17	ND													
5066723	D03_01	D03_01	915	MIDDLE ST	Lead	Lead	PEX	Copper	2022-08-16	2022-08-16	No								2022-08-17	28.6													
5025820	SDWMR_2021_B	SDWMR_2021_B	912	N SAINT CLAIR ST	Copper	Lead	PEX	Copper	2022-08-16	2022-08-16	No								2023-04-12	17.9													
5025827	SDWMR_2021_B	SDWMR_2021_B	930	N SAINT CLAIR ST	PEX	Lead	PEX	Copper	2022-08-17	2022-08-24	No	Yes							2022-08-25	ND													
5025808	SDWMR_2021_B	SDWMR_2021_B	927	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-08-17	2022-08-17	No								2022-08-18	ND													
5002514	D01_08	D01_08	4320	CENTRE AVE	Lead	Copper	PEX	Not Replaced	2022-08-17		No								2022-09-29	1.69													
5067457	D03_01	D03_01	607	FORELAND ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-08-18	2022-08-18	No								2022-08-20	ND													
5056138	Priority	Priority	100	KENOVA ST	Copper	Lead	PEX	Copper	2022-08-18	2022-08-18	No								2022-08-19	3.8													
5012729	Priority_2	Priority_2	416	TAYLOR ST	Lead	Lead	PEX	Copper	2022-08-18	2022-08-18	No								2022-08-25	7.51													
5025816	SDWMR_2021_B	SDWMR_2021_B	903	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-08-18	2022-08-18	No								2022-08-20	ND													
5043944	Ops	Urgent LSLR_2	528	BRIAR CLIFF RD	Lead	Lead	PEX	Copper	2022-08-19	2022-08-24	No	Yes	Emergency						2022-08-25	5.12													
5076876	Priority_2	Priority_2	1267	SUPERIOR AVE	Copper	Lead	Not Replaced	Copper		2022-08-19	No								2022-08-23	4.38													
5025824	SDWMR_2021_B	SDWMR_2021_B	922	N SAINT CLAIR ST	Copper	Lead	PEX	Copper	2022-08-19	2022-08-19	No								2022-08-20	ND													
5055972	Priority	Priority	109	KENOVA ST	Copper	Lead	Not Replaced	Copper		2022-08-19	No								2022-08-24	1.12													
5002516	D01_08	D01_08	4338	CENTRE AVE	Lead	Lead	PEX	Copper	2022-08-23	2022-08-19	No	Yes							2022-08-28	2.27													
5023114	Priority_2	Priority_2	4411	STANTON AVE	Lead	Lead	PEX	Copper	2022-08-22	2022-08-22	No								2022-08-25	5.64													
5052826	Priority_2	Priority_2	504	BINGHAM ST	Lead	Copper	PEX	Not Replaced	2022-08-22		No								2022-08-25	2.78													
5043613	Ops	Urgent LSLR_2	209	RICHLAND LN	Lead	Lead	PEX	Copper	2022-08-23	2022-08-24	No	Yes	Emergency						2022-10-08	113		2022-12-14	16.6										
5078685	Priority_2	Priority_2	1145	DAVIS AVE	Lead	Lead	PEX	Copper	2022-08-23	2022-08-23	No								2022-08-25	1.26													
5014108	Priority_2	Priority_2	5000	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2022-08-23	No								2022-08-24	ND													
5025823	SDWMR_2021_B	SDWMR_2021_B	920	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-08-23	2022-08-23	No								2022-10-05	ND													
5040951	SDWMR_2021_C	SDWMR_2021_C	7113-7115	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-08-24	2022-08-24	No								2022-08-26	1.81													
5010104	Priority_2	Priority_2	22	BROWNELL ST	Lead	Lead	PEX	Copper	2022-08-24	2022-08-24	No								2022-09-13	ND													
5014656	Priority_2	Priority_2	4812	CYPRESS ST	Lead	Lead	PEX	Copper	2022-08-25	2022-08-25	No								2022-08-27	5.64													
5040975	SDWMR_2021_C	SDWMR_2021_C	7146	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-08-25	2022-08-25	No								2022-09-01	1.17													
5040942	SDWMR_2021_C	SDWMR_2021_C	7145	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-08-26	2022-08-26	No								2022-08-27	6.08													
5066851	D03_01	D03_01	412	FORELAND ST	Lead	Lead	PEX	Copper	2022-08-26	2022-08-26	No								2022-09-20	ND													
5067322	Priority	Priority	930	PERALTA ST	Lead	Copper	PEX	Not Replaced	2022-08-26		No								2022-09-06	3.17													
5004068	SDWMR_2021_B	SDWMR_2021_B	3450	PARKVIEW AVE	Lead	Lead	PEX	Copper	2022-08-29	2022-08-29	No								2022-08-30	5.48		2022-08-31	ND		2022-09-03	ND							
5066878	D03_01	D03_01	414	FORELAND ST	Lead	Lead	PEX	Copper	2022-08-30	2022-08-30	No								2022-08-31	4.3													
5080304	Priority_2	Priority_2	1821	KLEBER ST	Lead	Lead	PEX	Copper	2022-08-30	2022-08-30	No								2022-08-31	4.51													
5002673	D01_08	D01_08	4208	PARKMAN AVE	Lead	Lead	PEX	Copper	2022-08-30	2022-08-30	No								2022-09-13	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5066859	D03_01	D03_01	808	CEDAR AVE	Copper	Lead	Not Replaced	Copper		2022-08-30	No								2022-08-31	ND													
5041548	Priority_2	Priority_2	6619	WILKINS AVE	Lead	Lead	PEX	Copper	2022-08-31	2022-08-31	No								2022-09-04	3.21													
5066688	D03_01	D03_01	910	CEDAR AVE	Lead	Copper	PEX	Not Replaced	2022-08-31		No								2022-09-21	ND													
5035914	Priority_2	Priority_2	5738	WILKINS AVE	Lead	Lead	PEX	Copper	2022-09-01	2022-09-01	No								2022-09-03	5.06		2022-09-08	2.47		2022-09-10	1.13							
5040973	SDWMR_2021_C	SDWMR_2021_C	7134	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-09-01	2022-09-01	No								2022-09-02	2.61													
5004635	SDWMR_2021_B	SDWMR_2021_B	3441	PARKVIEW AVE	Lead	Lead	PEX	Copper	2022-09-01	2022-09-01	No								2022-09-02	1.84													
5056087	Priority_2	Priority_2	341	BAILEY AVE	Lead	Lead	PEX	Copper	2022-09-01	2022-09-01	No								2022-11-05	3.33													
5067506	D03_01	D03_01	604	MIDDLE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-09-01	2022-09-01	No								2022-09-14	ND													
5066584	D03_01	D03_01	1304	JAMES ST	Lead	Lead	PEX	Copper	2022-09-01	2022-09-01	No								2022-09-04	7.06													
5025268	Priority_2	Priority_2	5624	HAMPTON ST	Lead	Lead	PEX	Copper	2022-09-06	2022-09-06	No								2022-09-08	4.34													
5036858	Priority_2	Priority_2	5831	MARLBOROUGH RD	Lead	Lead	PEX	Copper	2022-09-06	2022-09-06	No								2022-09-13	1.5													
5066679	D03_01	D03_01	1008	CEDAR AVE	Lead	Lead	PEX	Copper	2022-09-06	2022-09-06	No								2022-09-13	1.33													
5040948	SDWMR_2021_C	SDWMR_2021_C	7125-7	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-09-06	2022-09-06	No								2022-09-26	162		2023-01-20	1.29											
5039498	Priority	Priority	6350	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2022-09-07	2022-09-07	No								2022-10-24	4.55													
5024971	Priority_2	Priority_2	5628	ELGIN ST	Lead	Lead	PEX	Copper	2022-09-07	2022-09-07	No								2022-09-10	1.94													
5066616	D03_01	D03_01	1302	JAMES ST	Lead	Lead	PEX	Copper	2022-09-07	2022-09-07	No								2022-09-12	ND													
5070873	D03_01	D03_01	107	FOUNTAIN ST	Lead	Lead	PEX	Copper	2022-09-07	2022-09-07	No								2022-09-08	ND													
5040945	SDWMR_2021_C	SDWMR_2021_C	7137	THOMAS BLVD	Lead	Lead	PEX	Copper	2022-09-07	2022-09-07	No								2022-09-07	8.57													
5039480	Priority	Priority	6353	MONITOR ST	Unknown	Lead	PEX	Copper	2022-09-08	2022-09-08	No								2023-01-13	ND													
5035888	Priority_2	Priority_2	1330	WIGHTMAN ST	Lead	Lead	PEX	Copper	2022-09-08	2022-09-08	No								2022-09-13	3.07													
5081191	Priority_2	Priority_2	1110	DAVIS AVE	Lead	Lead	PEX	Copper	2022-09-09	2022-09-09	No								2022-09-10	2.83													
5040997	SDWMR_2021_C	SDWMR_2021_C	7121	MEADE ST	Lead	Lead	PEX	Copper	2022-09-09	2022-09-09	No								2022-09-10	12.2		2023-01-06	4.72											
5038648	Priority_2	Priority_2	2214	WIGHTMAN ST	Lead	Lead	PEX	Copper	2022-09-09	2022-09-09	No								2022-10-01	ND													
5066522	D03_01	D03_01	520	PRESSLEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-09-12	2022-09-12	No								2022-09-13	1.04													
5066530	D03_01	D03_01	606	PRESSLEY ST	Lead	Copper	PEX	Not Replaced	2022-09-12		No								2022-09-15	2.54													
5023616	Priority_4	Priority_4	7320	BUTLER ST	Lead	Lead	PEX	Copper	2022-09-12	2022-09-12	No								2022-09-14	ND													
5066448	D03_01	D03_01	420	PRESSLEY ST	Lead	Copper	PEX	Not Replaced	2022-09-12		No								2022-12-02	ND													
5004623	SDWMR_2021_B	SDWMR_2021_B	3409	PARKVIEW AVE	Lead	Lead	PEX	Copper	2022-09-12	2022-09-12	No								2022-09-16	ND													
5033313	Fuchsia Way Sewer	Fuchsia Way Sewer	7322	MONTICELLO ST	Copper	Lead	PEX	Copper	2022-09-13	2022-09-13	No								2022-11-02	2.24													
5066595	D03_01	D03_01	508	E NORTH AVE	Lead	Copper	PEX	Not Replaced	2022-09-13		No								2022-09-14	3.79													
5066449	D03_01	D03_01	418	PRESSLEY ST	Lead	Copper	PEX	Not Replaced	2022-09-14		No								2022-09-15	1.18													
5040816	SDWMR_2021_C	SDWMR_2021_C	7039	MEADE PL	Lead	Lead	PEX	Copper	2022-09-14	2022-09-14	No								2022-09-20	1.93													
5042075	Priority_4	Priority_4	6663	WOODWELL ST	Lead	Lead	PEX	Copper	2022-09-14	2022-09-14	No								2022-09-26	ND													
5004644	SDWMR_2021_B	SDWMR_2021_B	3422	PARKVIEW AVE	Lead	Lead	PEX	Copper	2022-09-14	2022-09-14	No								2022-09-15	10.1													
5028070	Priority_3	Priority_3	1345	HEBERTON ST	Lead	Lead	PEX	Copper	2022-09-15	2022-09-15	No								2022-09-19	8.49													
5004628	SDWMR_2021_B	SDWMR_2021_B	3425	PARKVIEW AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-09-15	2022-09-15	No								2022-09-16	ND													
5025155	Priority_3	Priority_3	5532	HAMPTON ST	Lead	Lead	PEX	Copper	2022-09-15	2022-09-15	No								2022-10-28	6.46													
5067310	D03_01	D03_01	910	WETTACH ST	Lead	Lead	PEX	Copper	2022-09-15	2022-09-15	No								2023-09-12	ND													
5067435	D03_01	D03_01	820-22	PHINEAS WAY	Lead	Lead	PEX	Copper	2022-09-15	2022-09-15	No								2022-09-16	18.2													
5067639	Priority_3	Priority_3	925	HASLAGE AVE	Lead	Lead	PEX	Copper	2022-09-16	2022-09-16	No								2022-09-18	ND													
5026434	Priority_3	Priority_3	825	N BEATTY ST	Lead	Lead	PEX	Copper	2022-09-16	2022-09-16	No								2022-09-17	1.17													
5067267	D03_01	D03_01	854	PHINEAS ST	Lead	Lead	PEX	Copper	2022-09-16	2022-09-16	No								2022-09-25	13.2		2022-12-27	ND											
5067287	D03_01	D03_01	856	PHINEAS WAY	Lead	Lead	PEX	Copper	2022-09-16	2022-09-16	No								2022-09-25	ND													
5025216	Priority_3	Priority_3	1138	N NEGLEY AVE	Lead	Lead	PEX	Copper	2022-09-19	2022-09-19	No								2022-09-20	7.95													
5044282	Priority_4	Priority_4	960	MILTON ST	Lead	Lead	PEX	Copper	2022-09-19	2022-09-19	No								2022-09-20	1.3													
5044278	Priority_3	Priority_3	961	MILTON ST	Lead	Lead	PEX	Copper	2022-09-19	2022-09-19	No								2022-09-23	1.51													
5067387	D03_01	D03_01	911	WETTACH ST	Copper	Lead	Not Replaced	Copper		2022-09-20	No								2022-09-21	3.55													
5007228	Priority_3	Priority_3	2944 1/2	WEBSTER AVE	Lead	Lead	PEX	Copper	2022-09-20	2022-09-20	No								2022-09-22	9.53													
5041399	SDWMR_2021_C	SDWMR_2021_C	7128	MEADE ST	Lead	Lead	PEX	Copper	2022-09-20	2022-09-20	No								2022-09-21	3.25													
5067263	D03_01	D03_01	844	PHINEAS ST	Lead	Lead	PEX	Copper	2022-09-20	2022-09-20	No								2022-10-04	ND													
5067030	D03_01	D03_01	1035	VINIAL ST	Lead	Lead	PEX	Copper	2022-09-20	2022-09-20	No								2022-09-23	ND													
5044290	Priority_3	Priority_3	926	MILTON ST	Lead	Lead	PEX	Copper	2022-09-20	2022-09-20	No								2022-09-21	3.06													
5019562	Dearborn Water Relay	Dearborn Water Relay	5204	DEARBORN ST	Lead	Copper	PEX	Not Replaced	2022-09-21		No								2022-09-24	12.3													
5012705	Priority_3	Priority_3	4523	WERTZ WAY	Lead	Lead	PEX	Copper	2022-09-21	2022-09-21	No								2022-09-22	2.24													
5004621	SDWMR_2021_B	SDWMR_2021_B	3401	PARKVIEW AVE	Lead	Lead	PEX	Copper	2022-09-21	2022-09-21	No								2022-09-22	2.73													
5040995	SDWMR_2021_C	SDWMR_2021_C	7135	MEADE ST	Lead	Lead	PEX	Copper	2022-09-21	2022-09-21	No								2022-09-23	5.74													
5016393	Priority_2	Priority_2	223	40TH ST	Lead	Lead	PEX	Copper	2022-09-21	2022-09-21	No								2022-09-23	8.75													
5040996	SDWMR_2021_C	SDWMR_2021_C	7123	MEADE ST	Lead	Lead	PEX	Copper	2022-09-21	2022-09-21	No								2022-09-25	9.26													
5044419	Priority_4	Priority_4	1236	RICHMOND ST	Lead	Lead	PEX	Copper	2022-09-22	2022-09-22	No								2023-02-18	ND													
5040998	SDWMR_2021_C	SDWMR_2021_C	7115	MEADE ST	Copper	Lead	PEX	Copper	2022-09-22	2022-09-22	No								2023-04-30	2.3													
5031072	Priority_3	Priority_3	7136	CHURCHLAND ST	Lead	Lead	PEX	Copper	2022-09-22	2022-09-22	No								2022-09-23	1.63													
5044017	Priority_3	Priority_3	7722	EDGERTON AVE	Lead	Lead	PEX	Copper	2022-09-23	2022-09-23	No								2022-11-18	ND													
5040999	SDWMR_2021_C	SDWMR_2021_C	7117	MEADE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-09-26	2022-09-26	No								2022-09-27	197		2022-10-27	12.8											
5043606	Priority_4	Priority_4	7424	RICHLAND PL	Lead	Lead	PEX	Copper	2022-09-26	2022-09-26	No								2022-09-28	47.2		2022-11-29	ND											
5004041	SDWMR_2021_B	SDWMR_2021_B	3459	PARKVIEW AVE	Unknown	Lead	PEX	Copper	2022-09-26	2022-09-26	No								2022-09-28	1.6													
5025171	Priority_4	Priority_4	5571	HAMPTON ST	Lead	Lead	PEX	Copper	2022-09-26	2022-09-26	No								2022-09-29	4.07													
5079888	Ops	Urgent LSLR_2	3952	MCCLURE AVE	Lead	Lead	PEX	Copper	2022-09-27	2022-10-03	No	Yes	Emergency						2022-10-05	1.17													
5019527	Dearborn Water Relay	Dearborn Water Relay	5203	DEARBORN ST	Lead	Lead	PEX	Copper	2022-09-27	2022-09-27	No								2022-11-07	13.3													
5044220	Priority_4	Priority_4	705	S BRADDOCK AVE	Lead	Lead	PEX	Copper	2022-09-27	2022-09-27	No								2022-11-20	1.21													
5061908	Priority_3	Priority_3	1265	LEWIS ST	Lead	Copper	PEX	Not Replaced	2022-09-27		No								2022-09-28	37		2023-01-11	5.22											
5040994	SDWMR_2021_C	SDWMR_2021_C	7139	MEADE ST	Copper	Lead	PEX	Copper	2022-09-27	2022-09-27	No								2022-09-27	202													
5048118	Priority_4	Priority_4	123	ASHTON ST	Lead	Lead	PEX	Copper	2022-09-27	2022-09-27	No								2022-09-30	5.2													
5067177	D03_01	D03_01	823	LOVITT WAY	Lead	Lead	PEX	Copper	2022-09-27	2022-09-27	No								2022-09-29	1.15													
5067175	D03_01	D03_01	830	LOVITT WAY	Lead	Lead	PEX	Copper	2022-09-27	2022-09-27	No								2022-09-29	ND													
5024396	Priority_3	Priority_3	1636	JANCEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-09-28	2022-09-28	No								2022-10-01	ND													
5043558	Priority_3	Priority_3	118	CARNEGIE PL	Lead	Lead	PEX	Copper	2022-09-28	2022-09-28	No								2022-09-29	36.9		2023-01-19	3.22											
5016260	Priority_3	Priority_3	278	46TH ST	Lead	Lead	PEX	Copper	2022-09-28	2022-09-28	No								2022-09-29	2.17													
5067386	D03_01	D03_01	909	WETTACH ST	Lead	Lead	PEX	Copper	2022-09-28	2022-09-28	No								2022-09-30	ND													
5003760	SDWMR_2021_B	SDWMR_2021_B	368	MCKEE PL	Lead	Copper	PEX	Not Replaced	2022-09-28		No								2022-09-29	ND													
5028208	Priority_3	Priority_3	1026	WINTERTON ST	Lead	Lead	PEX	Copper	2022-09-29	2022-09-29	No								2022-09-30	ND													
5025847	Priority_4	Priority_4	5911	WELLESLEY AVE	Lead	Lead	PEX	Copper	2022-09-29	2022-09-29	No								2022-09-30	2.79													
5003777	SDWMR_2021_B	SDWMR_2021_B	371	MCKEE PL	Lead	Lead	PEX	Copper	2022-09-29	2022-09-29	No								2022-09-30	ND													
5056427	Ops	Private Reimbursement	436	WINTON ST	Lead	Lead	PEX	Copper	2022-09-30	2022-09-30	No	Yes	Emergency						2022-12-09	18.4		2023-03-22	4.43											
5025667	Priority_3	Priority_3	907	N NEGLEY AVE	Lead	Lead	PEX	Copper	2022-09-30	2022-09-30	No								2022-10-07	1.43													
5080862	Priority_4	Priority_4	1402	ORCHLEE ST	Lead	Lead	PEX	Copper	2022-10-03	2022-10-03	No								2022-10-10	4.99													
5003755	SDWMR_2021_B	SDWMR_2021_B	378	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-03	2022-10-03	No								2022-10-05	ND													
5025914	Priority_3	Priority_3	5806	HAMPTON ST	Copper	Lead	Not Replaced	Copper		2022-10-04	No								2022-10-05	4.99													
5003788	SDWMR_2021_B	SDWMR_2021_B	353	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-04	2022-10-04	No								2022-10-07	11		2023-01-16	2.37											
5003757	SDWMR_2021_B	SDWMR_2021_B	374	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-04	2022-10-04	No								2022-10-05	20													
5021081	Priority_4	Priority_4	4700	STANTON AVE	Lead	Lead	PEX	Copper	2022-10-04	2022-10-04	No								2022-10-07	1.1													
5046437	Priority_2	Priority_2	4327	TASSO ST	Lead	Lead	PEX	Copper	2022-10-05	2022-10-05	No								2022-10-08	ND													
5026791	D06_09	D06_09	539	MELLON ST	Lead	Lead	PEX	Copper	2022-10-05	2022-10-05	No								2022-10-10	1.52													
5003790	SDWMR_2021_B	SDWMR_2021_B	351 1/2	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-05	2022-10-05	No								2022-10-06	1.85													
5018790	Priority_3	Priority_3	4717	KINCAID ST	Lead	Copper	PEX	Not Replaced	2022-10-05		No								2022-10-07	5.97													
5016656	Priority_3	Priority_3	333	42ND ST	Lead	Lead	PEX	Copper	2022-10-05	2022-10-05	No								2022-10-06	4.84													
5067340	D03_01	D03_01	908	CHESTNUT ST	Lead	Copper	PEX	Not Replaced	2022-10-05		No								2022-11-22	ND													
5067342	D03_01	D03_01	918	CHESTNUT ST	Lead	Copper	PEX	Not Replaced	2022-10-05		No								2022-10-20	21.6		2023-01-11	1.79											
5024719	Priority_3	Priority_3	5456	KINCAID ST	Lead	Lead	PEX	Copper	2022-10-06	2022-10-06	No								2022-10-07	1.86													
5025192	Priority_3	Priority_3	5544	BEVERLY PL	Lead	Copper	PEX	Not Replaced	2022-10-06		No								2022-12-06	ND													
5016291	Priority_4	Priority_4	4601	CARLTON ST	Lead	Lead	PEX	Copper	2022-10-06	2022-10-06	No								2022-10-11	ND													
5003787	SDWMR_2021_B	SDWMR_2021_B	355	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-06	2022-10-06	No								2022-10-07	ND													
5003754	SDWMR_2021_B	SDWMR_2021_B	380	MCKEE PL	Lead	Copper	PEX	Not Replaced	2022-10-06		No								2022-10-07	2.07													
5003752	SDWMR_2021_B	SDWMR_2021_B	382	MCKEE PL	Lead	Copper	PEX	Not Replaced	2022-10-06		No								2022-10-07	ND		2022-10-08	ND											

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5021258	Priority_4	Priority_4	4275	STANTON AVE	Lead	Lead	PEX	Copper	2022-10-07	2022-10-07	No								2022-10-10	1.52													
5008834	Priority_4	Priority_4	173	36TH ST	Lead	Lead	PEX	Copper	2022-10-10	2022-10-10	No								2022-10-12	7.31													
5026826	D06_09	D06_09	610	MELLON ST	Lead	Lead	PEX	Copper	2022-10-10	2022-10-10	No								2022-10-12	12.7		2023-01-22	1.43										
5003786	SDWMR_2021_B	SDWMR_2021_B	357	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-10	2022-10-10	No								2022-10-11	16.7													
5026793	D06_09	D06_09	601	MELLON ST	Copper	Lead	Not Replaced	Copper		2022-10-10	No								2022-12-08	ND													
5003772	SDWMR_2021_B	SDWMR_2021_B	358	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-10	2022-10-10	No								2022-10-11	ND		2022-10-13	ND										
5026822	D06_09	D06_09	618	MELLON ST	Lead	Lead	PEX	Copper	2022-10-11	2022-10-11	No								2022-10-13	ND													
5026821	D06_09	D06_09	620	MELLON ST	Lead	Copper	PEX	Not Replaced	2022-10-11		No								2022-10-11	ND		2022-10-11	ND										
5014119	Priority_4	Priority_4	5022	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2022-10-11	No								2022-10-15	1.21													
5003797	SDWMR_2021_B	SDWMR_2021_B	327	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-11	2022-10-11	No								2022-10-11	3.21													
5026796	D06_09	D06_09	607	MELLON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-10-12	2022-10-12	No								2022-11-27	ND													
5028304	Ops	Urgent LSLR_2	6360	JACKSON ST	Lead	Lead	PEX	Copper	2022-10-12	2022-10-26	No	Yes	Emergency						2022-11-09	ND													
5026802	D06_09	D06_09	619	MELLON ST	Lead	Lead	PEX	Copper	2022-10-12	2022-10-12	No								2022-10-16	2.21													
5026795	D06_09	D06_09	605	MELLON ST	Lead	Lead	PEX	Copper	2022-10-12	2022-10-12	No								2022-11-27	7.63													
5012913	Priority_3	Priority_3	423	PEARL ST	Lead	Lead	PEX	Copper	2022-10-12	2022-10-12	No								2022-10-19	2.26													
5018858	Priority_3	Priority_3	417	N MILLVALE AVE	Lead	Lead	PEX	Copper	2022-10-12	2022-10-12	No								2022-10-14	ND													
5003770	SDWMR_2021_B	SDWMR_2021_B	324	MCKEE PL	Lead	Lead	PEX	Copper	2022-10-12	2022-10-12	No								2022-10-13	ND		2022-10-13	3.44		2022-10-13	ND		2022-10-13	3.44		2022-10-14	ND	
5013108	Priority_4	Priority_4	442	CEDARVILLE ST	Lead	Lead	PEX	Copper	2022-10-13	2022-10-13	No								2022-12-02	ND													
5017442	Priority_4	Priority_4	4033	CABINET ST	Lead	Lead	PEX	Copper	2022-10-13	2022-10-13	No								2022-10-16	20.5		2023-01-23	ND										
5042177	Priority_3	Priority_3	7422	BEN HUR ST	Lead	Lead	PEX	Copper	2022-10-14	2022-10-14	No								2022-10-15	2.76													
5026829	D06_09	D06_09	604	MELLON ST	Lead	Lead	PEX	Copper	2022-10-17	2022-10-17	No								2022-10-29	ND													
5048612	Priority_4	Priority_4	245	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2022-10-17	2022-10-17	No								2022-10-20	ND													
5026790	D06_09	D06_09	537	MELLON ST	Lead	Lead	PEX	Copper	2022-10-17	2022-10-17	No								2022-10-18	2.35													
5015163	Priority_3	Priority_3	737	BROUGHTON ST	Lead	Lead	PEX	Copper	2022-10-17	2022-10-17	No								2022-10-19	4.17													
5016456	Priority_4	Priority_4	263	FISK ST	Lead	Lead	PEX	Copper	2022-10-18	2022-10-18	No								2022-10-19	1.04													
5026837	D06_09	D06_09	518	MELLON ST	Lead	Lead	PEX	Copper	2022-10-18	2022-10-18	No								2022-10-19	ND													
5026792	D06_09	D06_09	541	MELLON ST	Lead	Lead	PEX	Copper	2022-10-18	2022-10-18	No								2022-11-17	1.34													
5036253	Priority_2	Priority_2	1402	WIGHTMAN ST	Lead	Lead	PEX	Copper	2022-10-18	2022-10-18	No								2022-10-24	5.02													
5010070	Priority_3	Priority_3	5443	POTTER ST	Copper	Lead	Not Replaced	Copper		2022-10-19	No								2022-10-20	ND													
5011110	Priority_3	Priority_3	212	EMERSON ST	Copper	Lead	Not Replaced	Copper		2022-10-19	No								2022-10-20	ND													
5036326	Priority_4	Priority_4	5648	WOODMONT ST	Lead	Lead	PEX	Copper	2022-10-19	2022-10-19	No								2022-10-21	3.65													
5026800	D06_09	D06_09	615	MELLON ST	Copper	Lead	Not Replaced	Copper		2022-10-19	No								2022-10-20	4.92													
5034554	Priority_4	Priority_4	5240	BEELER ST	Lead	Copper	PEX	Not Replaced	2022-10-20		No								2022-10-22	ND													
5034553	Priority_4	Priority_4	5244	BEELER ST	Lead	Lead	PEX	Copper	2022-10-20	2022-10-20	No								2022-10-21	2.63													
5038683	Priority_4	Priority_4	5647	MELVIN ST	Lead	Lead	PEX	Copper	2022-10-20	2022-10-20	No								2022-11-01	ND													
5036463	Priority_3	Priority_3	5849	NORTHUMBERLAND ST	Lead	Lead	PEX	Copper	2022-10-20	2022-10-20	No								2022-10-23	4.7													
5026799	D06_09	D06_09	613	MELLON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-10-21	2022-10-21	No								2022-10-22	2.23													
5026824	D06_09	D06_09	614	MELLON ST	Lead	Lead	PEX	Copper	2022-10-21	2022-10-21	No								2022-11-17	ND													
5041935	Priority_3	Priority_3	1441	SEVERN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-10-21	2022-10-21	No								2022-10-24	11.1		2023-01-22	1.69										
5042083	Priority_4	Priority_4	6696	KINSMAN RD	Lead	Lead	PEX	Copper	2022-10-21	2022-10-21	No								2022-10-24	2.4													
5036983	Priority_4	Priority_4	1629	DENNISTON ST	Lead	Lead	PEX	Copper	2022-10-21	2022-10-21	No								2022-10-31	12.6		2023-01-29	ND		2023-04-23	ND		2023-12-18	4.2				
5041504	Priority_4	Priority_4	621	HASTINGS ST	Lead	Lead	PEX	Copper	2022-10-24	2022-10-24	No								2022-10-25	13.1		2023-03-08	ND										
5026240	D06_09	D06_09	713	MELLON ST	Lead	Copper	PEX	Not Replaced	2022-10-24		No								2022-10-26	1.4													
5014762	Priority_3	Priority_3	4907	SCIOTA ST	Lead	Lead	PEX	Copper	2022-10-24	2022-10-24	No								2022-11-10	6.78		2022-11-10	6.78										
5026242	D06_09	D06_09	717	MELLON ST	Lead	Copper	PEX	Not Replaced	2022-10-24		No								2022-10-24	8.05													
5080269	Ops	Private Reimbursement	3916	RIDDLE ST	Lead	Lead	PEX	Copper	2022-10-28	2022-10-25	No	Yes	Emergency						2022-12-09	2.76													
5026249	D06_09	D06_09	723	MELLON ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-10-25	2022-10-25	No								2022-10-26	4.29													
5036533	Priority_4	Priority_4	1540	DENNISTON ST	Lead	Lead	PEX	Copper	2022-10-25	2022-10-25	No								2022-10-27	65.1		2022-11-10	1.06										
5080608	Priority_4	Priority_4	2011	TERMON AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2022-10-25	2022-10-25	No								2022-12-14	1.77													
5055662	Priority_4	Priority_4	441	EUREKA ST	Lead	Lead	PEX	Copper	2022-10-25	2022-10-25	No								2022-10-26	2.79													
5041053	Priority_3	Priority_3	604	HASTINGS ST	Lead	Lead	PEX	Copper	2022-10-26	2022-10-26	No								2023-02-25	ND													
5026936	D06_09	D06_09	600	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-10-26	2022-10-26	No								2022-10-28	1.91													
5026937	D06_09	D06_09	602	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-10-26	2022-10-26	No								2022-10-27	1.06													
5037525	Priority_3	Priority_3	5504	RALEIGH ST	Lead	Lead	PEX	Copper	2022-10-26	2022-10-26	No								2022-10-28	ND													
5026896	D06_09	D06_09	603	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-10-26	2022-10-26	No								2022-10-27	13.2		2023-02-23	1.89										
5078196	Priority_3	Priority_3	3436	SHADELAND AVE	Lead	Lead	PEX	Copper	2022-10-27	2022-10-27	No								2022-11-18	ND													
5026941	D06_09	D06_09	610	N EUCLID AVE	Copper	Lead	Not Replaced	Copper		2022-10-27	No								2022-10-28	1.65													
5037750	Priority_3	Priority_3	5867	DOUGLAS ST	Lead	Lead	PEX	Copper	2022-10-27	2022-10-27	No								2022-10-28	4.86													
5026895	D06_09	D06_09	601	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-10-27	2022-10-27	No								2022-10-28	49.7		2023-02-14	2.89										
5042315	Priority_3	Priority_3	1631	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2022-10-27	2022-10-27	No								2023-01-14	ND													
5077895	Priority_4	Priority_4	3538	SHADELAND AVE	Copper	Lead	Not Replaced	Copper		2022-10-28	No								2022-10-29	1.32													
5041950	Priority_4	Priority_4	1436	BARNESDALE ST	Lead	Lead	PEX	Copper	2022-10-28	2022-10-28	No								2022-10-29	1.72													
5038738	Priority_4	Priority_4	5631	POCUSSET ST	Lead	Lead	PEX	Copper	2022-10-28	2022-10-28	No								2022-10-29	ND													
5028141	Ops	Urgent LSLR_2	1137	HEBERTON ST	Lead	Lead	PEX	Copper	2022-10-31	2022-11-02	No	Yes	Emergency						2022-11-03	3.55													
5079820	Priority_3	Priority_3	1826	WITTMER ST	Lead	Lead	PEX	Copper	2022-10-31	2022-10-31	No								2022-11-01	ND													
5060889	Priority_4	Priority_4	1318	W SYCAMORE ST	Lead	Lead	PEX	Copper	2022-10-31	2022-10-31	No								2022-11-02	1.28													
5026899	D06_09	D06_09	609	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-10-31	2022-10-31	No								2022-11-01	16.4		2023-02-15	ND										
5027394	D06_09	D06_09	518	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-11-01	2022-11-01	No								2022-11-10	1.06													
5079642	Priority_3	Priority_3	4010	KLEBER ST	Copper	Lead	Not Replaced	Copper		2022-11-01	No								2022-11-02	9.1													
5081301	Priority_4	Priority_4	1010	CORNELL ST	Lead	Lead	PEX	Copper	2022-11-01	2022-11-01	No								2022-11-10	26.7		2023-02-19	4.19										
5035107	Priority_4	Priority_4	1083	SHADY AVE	Lead	Copper	PEX	Not Replaced	2022-11-02		No								2022-11-03	ND													
5026900	D06_09	D06_09	611	N EUCLID AVE	Lead	Lead	PEX	Copper	2022-11-02	2022-11-02	No								2022-11-04	2.88													
5027451	D06_09	D06_09	520	BORLAND ST	Lead	Copper	PEX	Not Replaced	2022-11-02		No								2023-03-09	ND													
5012898	Ops	Urgent LSLR_2	351	PEARL ST	Lead	Lead	PEX	Copper	2022-11-03	2022-11-08	No	Yes	Emergency						2022-12-17	ND													
5027447	D06_09	D06_09	516	BORLAND ST	Lead	Lead	PEX	Copper	2022-11-03	2022-11-03	No								2022-11-04	2.48													
5047244	Priority_4	Priority_4	4577	GLADSTONE ST	Lead	Copper	PEX	Not Replaced	2022-11-03		No								2022-11-28	2.12													
5027445	D06_09	D06_09	512	BORLAND ST	Lead	Lead	PEX	Copper	2022-11-03	2022-11-03	No								2022-11-04	2.3													
5035003	Priority_4	Priority_4	747	SALINE ST	Lead	Lead	PEX	Copper	2022-11-03	2022-11-03	No								2022-11-04	6.85													
5037969	Priority_4	Priority_4	5502	KAMIN ST	Lead	Lead	PEX	Copper	2022-11-04	2022-11-04	No								2022-11-09	ND													
5027014	D06_09	D06_09	708	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-04	2022-11-04	No								2022-11-04	3.51													
5077777	Priority_4	Priority_4	1513	ORCHLEE ST	Lead	Lead	PEX	Copper	2022-11-04	2022-11-04	No								2022-12-19	3.16													
5079804	Priority_3	Priority_3	4027	CAMBRONNE ST	Copper	Lead	Not Replaced	Copper		2022-11-04	No								2022-11-05	ND													
5026979	D06_09	D06_09	713	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-04	2022-11-07	No	Yes							2022-11-09	1.76													
5026949	D06_09	D06_09	605	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-04	2022-11-04	No								2022-11-10	4.43													
5026991	D06_09	D06_09	737	N BEATTY ST	Lead	Copper	PEX	Not Replaced	2022-11-07		No								2022-11-21	7.36													
5016551	Priority_3	Priority_3	238	42ND ST	Unknown	Lead	PEX	Copper	2022-11-07	2022-11-07	No								2022-11-09	634		2023-02-16	ND										
5036527	Priority_4	Priority_4	1514	DENNISTON ST	Lead	Lead	PEX	Copper	2022-11-07	2022-11-07	No								2022-11-08	6.49													
5034535	Priority_3	Priority_3	5326	BEELER ST	Lead	Lead	PEX	Copper	2022-11-08	2022-11-08	No								2022-11-11	1.24													
5026987	D06_09	D06_09	729	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-08	2022-11-08	No								2022-11-09	2.26													
5026988	D06_09	D06_09	731	N BEATTY ST	Lead	PEX	PEX	Not Replaced	2022-11-08		No								2022-11-11	52													
5123084	Priority_3	Priority_3	1129	NORTH AVENUE	Lead	Lead	PEX	Copper	2022-11-08	2022-11-08	No								2022-11-09	1.55													
5027006	D06_09	D06_09	724	N BEATTY ST	Lead	PEX	PEX	Not Replaced	2022-11-08		No								2022-11-09	44.4		2023-02-14	ND										
5027005	D06_09	D06_09	726	N BEATTY ST	Lead	Copper	PEX	Not Replaced	2022-11-08		No								2022-11-09	11.5		2023-03-20	ND										
5077849	Priority_4	Priority_4	3559	MCCLURE AVE	Lead	Lead	PEX	Copper	2022-11-09	2022-11-09	No								2022-11-10	1.8													
5026844	D06_09	D06_09	515	N SAINT CLAIR ST	Copper	Lead	Not Replaced	Copper		2022-11-09	No								2022-11-10	6.23													
5026847	D06_09	D06_09	531	N SAINT CLAIR ST	Lead	PEX	PEX	Not Replaced	2022-11-09		No								2022-11-14	ND													
5026848	D06_09	D06_09	533	N SAINT CLAIR ST	Lead	PEX	PEX	Not Replaced	2022-11-09		No								2022-11-12	ND													
5027008	D06_09	D06_09	720	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-09	2022-11-09	No								2022-11-16	ND													
5026879	D06_09	D06_09	528	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-11-10	2022-11-10	No								2023-03-07	2.3													
5053486	Priority_4	Priority_4	137	S 13TH ST	Unknown	Lead	PEX	Copper	2022-11-10	2022-11-10	No								2022-11-21	2.96													
5026874	D06_09	D06_09	610	N SAINT CLAIR ST	Copper	Lead	Not Replaced	Copper		2022-11-10	No								2022-11-12	22.8		2023-04-11	ND										
5027013	D06_09	D06_09	710	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-14	2022-11-14	No								2022-11-16	3.41													
5026878	D06_09	D06_09	602	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-11-14	2022-11-14	No								2022-11-18	1.03		2022-11-18	2.46		2022-11-18	2.46		2022-11-18	3.14				

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5027012	D06_09	D06_09	712	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-14	2022-11-14	No								2022-11-16	4.29													
5061655	Priority_4	Priority_4	632	GRIFFIN ST	Copper	Lead	Not Replaced	Copper		2022-11-14	No								2022-11-15	ND													
5026877	D06_09	D06_09	604	N SAINT CLAIR ST	Lead	Copper	PEX	Not Replaced	2022-11-14		No								2022-11-15	21.1		2023-03-01	1.02										
5007850	Priority_2	Priority_2	3143	BRACKENRIDGE ST	Lead	Lead	PEX	Copper	2022-11-14	2022-11-14	No								2022-11-21	5.57													
5077345	Priority_3	Priority_3	1155	MARSHALL AVE	Lead	Copper	PEX	Not Replaced	2022-11-15		No								2022-11-18	ND													
5027000	D06_09	D06_09	736	N BEATTY ST	Lead	Copper	PEX	Not Replaced	2022-11-15		No								2022-11-16	4.06													
5026849	D06_09	D06_09	601	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-11-15	2022-11-15	No								2022-11-15	1.33													
5026990	D06_09	D06_09	735	N BEATTY ST	Lead	Copper	PEX	Not Replaced	2022-11-16		No								2022-11-28	ND													
5035939	Priority_4	Priority_4	5627	WILKINS AVE	Lead	Lead	PEX	Copper	2022-11-16	2022-11-16	No								2022-11-18	ND													
5003485	SDWMR_2021_B	SDWMR_2021_B	3824	PIER ST	Lead	Copper	PEX	Not Replaced	2022-11-16		No								2022-11-19	ND													
5003486	SDWMR_2021_B	SDWMR_2021_B	3822	PIER ST	Copper	Lead	PEX	Copper	2022-11-16	2022-11-16	No								2023-02-19	ND													
5026850	D06_09	D06_09	603	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-11-17	2022-11-17	No								2022-11-22	ND													
5068503	Priority_4	Priority_4	16	WOESSNER ST	Copper	Lead	PEX	Copper	2022-11-17	2022-11-17	No								2022-11-22	3.5													
5027461	D06_09	D06_09	507	N BEATTY ST	Lead	Lead	PEX	Copper	2022-11-17	2022-11-17	No								2022-11-19	7.78													
5002910	SDWMR_2021_B	SDWMR_2021_B	226	CHESTERFIELD RD	Copper	Lead	PEX	Copper	2022-11-22	2022-11-22	No								2022-11-23	ND													
5026985	D06_09	D06_09	725	N BEATTY ST	Copper	Lead	Not Replaced	Copper		2022-11-22	No								2022-11-30	ND													
5003975	SDWMR_2021_B	SDWMR_2021_B	424	OAKLAND AVE	Lead	Lead	PEX	Copper	2022-11-22	2022-11-22	No								2022-11-28	ND													
5003470	SDWMR_2021_B	SDWMR_2021_B	3819	PIER ST	Lead	Lead	PEX	Copper	2022-11-22	2022-11-22	No								2023-02-20	ND													
5026966	D06_09	D06_09	5807	HAYS ST	Copper	Lead	Not Replaced	Copper		2022-11-23	No								2022-12-01	1.1													
5026637	D06_09	D06_09	5510	BLACK ST	Copper	Lead	Not Replaced	Copper		2022-11-23	No								2022-12-05	ND													
5003462	SDWMR_2021_B	SDWMR_2021_B	3815	PIER ST	Lead	Lead	PEX	Copper	2022-11-23	2022-11-23	No								2022-11-28	13.1													
5026627	D06_09	D06_09	5519	BLACK ST	Copper	Lead	Not Replaced	Copper		2022-11-25	No								2022-11-30	ND													
5026750	D06_09	D06_09	5558	BLACK ST	Copper	Lead	Not Replaced	Copper		2022-11-29	No								2022-11-30	2.07		2022-12-25	ND										
5026629	D06_09	D06_09	5533	BLACK ST	Copper	Lead	Not Replaced	Copper		2022-11-29	No								2022-11-30	ND													
5016389	Priority	Priority	4008	SAINT JOHNS WAY	Lead	Lead	PEX	Copper	2022-11-29	2022-11-29	No								2022-12-03	ND													
5016388	Priority	Priority	4010	SAINT JOHNS WAY	Lead	Lead	PEX	Copper	2022-11-29	2022-11-29	No								2022-12-01	ND													
5026783	D06_09	D06_09	5617	E LIBERTY BLVD	Copper	Lead	Not Replaced	Copper		2022-11-30	No								2022-12-01	ND													
5026857	D06_09	D06_09	617	N SAINT CLAIR ST	Lead	Lead	PEX	Copper	2022-11-30	2022-11-30	No								2022-12-02	ND													
5026782	D06_09	D06_09	5615	E LIBERTY BLVD	Copper	Lead	Not Replaced	Copper		2022-11-30	No								2022-12-04	ND													
5026839	D06_09	D06_09	5629	E LIBERTY BLVD	Copper	Lead	Not Replaced	Copper		2022-12-01	No								2022-12-01	7.57													
5026769	D06_09	D06_09	606	N NEGLEY AVE	Lead	Lead	PEX	Copper	2022-12-02	2022-12-02	No								2022-12-03	ND													
5026226	D06_09	D06_09	704	N NEGLEY AVE	Lead	Copper	PEX	Not Replaced	2022-12-05		No								2022-12-05	ND		2022-12-06	ND		2022-12-06	ND							
5002908	SDWMR_2021_B	SDWMR_2021_B	222	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2022-12-06	2022-12-06	No								2022-12-14	ND													
5014332	D05_07	D05_07	323	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2022-12-06	No								2022-12-07	ND		2022-12-07	ND										
5026235	D06_09	D06_09	746	N NEGLEY AVE	Lead	Lead	PEX	Copper	2022-12-07	2022-12-07	No								2023-02-21	ND													
5003063	SDWMR_2021_B	SDWMR_2021_B	202	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2022-12-08	2022-12-08	No								2022-12-09	1.25													
5026766	D06_09	D06_09	612	N NEGLEY AVE	Copper	Lead	Not Replaced	Copper		2022-12-08	No								2022-12-11	63.1		2022-12-26	ND										
5027517	D06_09	D06_09	635	COLLINS AVE	Lead	Lead	PEX	Copper	2022-12-09	2022-12-09	No								2022-12-12	ND													
5026761	D06_09	D06_09	623	N NEGLEY AVE	Lead	Lead	PEX	Copper	2022-12-09	2022-12-09	No								2022-12-14	1.65		2022-12-16	1.64										
5003055	SDWMR_2021_B	SDWMR_2021_B	146	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2022-12-12	2022-12-12	No								2022-12-13	ND													
5027527	D06_09	D06_09	605	COLLINS AVE	Lead	Lead	PEX	Copper	2022-12-12	2022-12-12	No								2022-12-13	7.19													
5052903	Ops	Private Reimbursement	1107	E CARSON ST	Lead	Lead	PEX	Copper	2022-12-13	2022-12-14	No	Yes	Emergency						2023-02-19	ND													
5042458	Ops	Urgent LSLR_2	2112	BEECHWOOD BLVD	Lead	Lead	PEX	Copper	2022-12-13	2022-12-16	No	Yes	Emergency						2022-12-19	4.68													
5027083	D06_09	D06_09	6232	SAINT MARIE ST	Lead	Lead	PEX	Copper	2022-12-13	2022-12-13	No								2022-12-14	2.65													
5027081	D06_09	D06_09	6228 1/2	SAINT MARIE ST	Lead	Lead	PEX	Copper	2022-12-14	2022-12-14	No								2022-12-18	ND													
5003051	SDWMR_2021_B	SDWMR_2021_B	138	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2022-12-14	2022-12-14	No								2022-12-15	8.03													
5027053	D06_09	D06_09	711	COLLINS AVE	Copper	Lead	Not Replaced	Copper		2022-12-14	No								2022-12-14	2.38													
5002927	SDWMR_2021_B	SDWMR_2021_B	235	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2022-12-16	2022-12-16	No								2022-12-19	ND													
5003046	SDWMR_2021_B	SDWMR_2021_B	128	CHESTERFIELD RD	Lead	Copper	PEX	Not Replaced	2022-12-16		No								2022-12-16	ND													
5081147	Ops	Private Reimbursement	3728	WAPELLO ST	Lead	Lead	PEX	PEX	2022-12-20	2022-12-19	No	Yes	Emergency						2023-02-04	ND													
5027062	D06_09	D06_09	6211	HUNTRESS ST	Lead	Lead	PEX	Copper	2022-12-19	2022-12-19	No								2023-03-05	ND													
5027063	D06_09	D06_09	6213	HUNTRESS ST	Lead	Lead	PEX	Copper	2022-12-19	2022-12-19	No								2023-03-28	ND													
5007378	Urgent LSLR_2	Urgent LSLR_2	3201	CAMP ST	Lead	Lead	PEX	Copper	2022-12-19	2022-12-19	No	Yes							2022-12-20	ND													
5027559	D06_09	D06_09	6212	HUNTRESS ST	Lead	Lead	PEX	Copper	2022-12-20	2022-12-20	No								2022-12-21	ND													
5027094	D06_09	D06_09	6113-6115	SAINT MARIE ST	Lead	Lead	PEX	Copper	2022-12-20	2022-12-20	No								2022-12-21	8.14													
5027046	D06_09	D06_09	6104	SAINT MARIE ST	Lead	Lead	PEX	Copper	2022-12-21	2022-12-21	No								2022-12-24	ND													
5026962	D06_09	D06_09	5817	HAYS ST	Lead	Lead	PEX	Copper	2022-12-21	2022-12-21	No								2023-03-17	ND													
5027093	D06_09	D06_09	6117	SAINT MARIE ST	Lead	Lead	PEX	Copper	2022-12-21	2022-12-21	No								2022-12-21	1.58													
5011694	Ops		400	SHADY AVE	Lead	Copper	PEX	Not Replaced	2022-12-22		No	No	Emergency						2023-03-05	ND													
5027101	D06_09	D06_09	6047	SAINT MARIE ST	Lead	Lead	PEX	Copper	2022-12-22	2022-12-22	No								2023-01-07	ND													
5026963	D06_09	D06_09	5815	HAYS ST	Lead	Lead	PEX	Copper	2022-12-22	2022-12-22	No								2022-12-24	2.64													
5027047	D06_09	D06_09	6106	SAINT MARIE ST	Copper	Lead	Not Replaced	Copper		2022-12-27	No								2023-01-02	1.39		2023-02-23	ND										
5027514	D06_09	D06_09	622-624	N SHERIDAN AVE	Copper	Lead	Not Replaced	Copper		2022-12-28	No								2022-12-29	2.49		2022-12-31	ND										
5027043	D06_09	D06_09	708	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2022-12-28	2022-12-28	No								2022-12-31	ND		2023-01-23	ND										
5027039	D06_09	D06_09	628	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2022-12-29	2022-12-29	No								2022-12-29	7.69													
5026777	D06_09	D06_09	526-528	N NEGLEY AVE	Lead	Lead	PEX	Copper	2022-12-30	2022-12-30	No								2023-01-01	5.74													
5014225	D05_07	D05_07	371 1/2	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-03	No								2023-01-05	4.43													
5014228	D05_07	D05_07	367	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-03	No								2023-01-04	43.1		2023-06-11	1.1										
5027044	D06_09	D06_09	716	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2023-01-04	2023-01-04	No								2023-01-04	ND		2023-01-05	1.57		2023-01-05	ND		2023-01-05	25.8			
5014233	D05_07	D05_07	359 A	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-05	No								2023-01-11	10.8													
5027098	D06_09	D06_09	750	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2023-01-05	2023-01-05	No								2023-04-19	ND													
5014216	D05_07	D05_07	350-352	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-06	No								2023-01-07	26		2023-01-08	1.25										
5014238	D05_07	D05_07	335	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-06	No								2023-01-07	3.62													
5003092	SDWMR_2021_B	SDWMR_2021_B	145	CHESTERFIELD RD	Lead	Copper	PEX	Not Replaced	2023-01-06		No								2023-01-13	ND													
5029806	Ops	Urgent LSLR_2	343	LADSON ST	Lead	Lead	PEX	Copper	2023-01-06	2023-01-06	No	No	Emergency						2023-04-06	3.08													
5026773	D06_09	D06_09	538	N NEGLEY AVE	Lead	Lead	PEX	Copper	2023-01-09	2023-01-09	No								2023-03-05	ND													
5026946	Ops	Urgent LSLR_2	630	N EUCLID AVE	Lead	Lead	PEX	Copper	2023-01-10	2023-01-20	No			Emergency					2023-02-26	ND													
5025175	Ops	Urgent LSLR_2	5555	HAMPTON ST	Lead	Lead	PEX	Copper	2023-01-10	2023-01-13	No			Emergency					2023-01-13	12.1													
5014220	D05_07	D05_07	368	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-10	No								2023-01-11	13.5		2023-01-12	ND										
5027069	D06_09	D06_09	2	MOGA ST	Lead	Lead	PEX	Copper	2023-01-10	2023-01-10	No								2023-01-12	ND													
5014219	D05_07	D05_07	362-364	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-11	No								2023-01-13	26.4		2023-04-12	ND										
5014241	D05_07	D05_07	329	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-11	No								2023-01-12	2.22													
5035372	Ops	Urgent LSLR_2	5547	FAIR OAKS ST	Lead	Lead	PEX	Copper	2023-01-12	2023-01-23	No			Emergency					2023-01-24	ND													
5014875	D05_07	D05_07	5112	HARRIETT ST	Lead	Copper	PEX	Not Replaced	2023-01-13		No								2023-01-18	1.27													
5014244	D05_07	D05_07	323	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-13	No								2023-01-24	ND													
5014165	D05_07	D05_07	310	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-16	No								2023-01-19	35.4		2023-07-02	ND										
5002914	SDWMR_2021_B	SDWMR_2021_B	234	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2023-01-16	2023-01-16	No								2023-03-08	ND													
5014204	D05_07	D05_07	329	W PENN PL	Lead	Copper	PEX	Not Replaced	2023-01-16		No								2023-01-18	ND													
5014920	D05_07	D05_07	5216	HARRIET ST	Lead	Copper	PEX	Not Replaced	2023-01-16		No								2023-01-18	ND													
5014922	D05_07	D05_07	5212	HARRIETT ST	Lead	Lead	PEX	Copper	2023-01-16	2023-01-16	No								2023-01-16	ND													
5014236	D05_07	D05_07	355	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-17	No								2023-01-18	7.26													
5014243	D05_07	D05_07	325	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-17	No								2023-07-11	5.58													
5014869	D05_07	D05_07	5100	HARRIETT ST	Copper	Lead	Not Replaced	Copper		2023-01-17	No								2023-01-20	1.94													
5014173	D05_07	D05_07	322	W PENN PL	Lead	Lead	PEX	Copper	2023-01-17	2023-01-17	No								2023-01-18	3.43													
5003101	SDWMR_2021_B	SDWMR_2021_B	129	CHESTERFIELD RD	Copper	Lead	PEX	Copper	2023-01-17	2023-01-17	No								2023-01-18	1.1													
5013760	D05_07	D05_07	211	S EVALINE ST	Lead	Lead	PEX	Copper	2023-01-18	2023-01-18	No								2023-02-05	2.42													
5014200	D05_07	D05_07	341	W PENN PL	Lead	Lead	PEX	Copper	2023-01-18	2023-01-18	No								2023-03-03	2.77													
5014205	D05_07	D05_07	325	W PENN PL	Lead	Lead	PEX	Copper	2023-01-18	2023-01-18	No								2023-02-24	ND													
5013670	D05_07	D05_07	215	S EVALINE ST	Lead	Lead	PEX	Copper	2023-01-19	2023-01-19	No								2023-01-21	6.7													
5013664	D05_07	D05_07	251-253	S EVALINE ST	Lead	Lead	PEX	Copper	2023-01-19	2023-01-19	No								2023-01-20	1.98													
5014458	D05_07	D05_07	345	W PENN PL	Lead	Lead	PEX	Copper	2023-01-19	2023-01-19	No								2023-02-21	ND													
5014198	D05_07	D05_07	355	W PENN PL	Lead	Lead	PEX	Copper	2023-01-19	2023-01-19	No								2023-01-23	ND													
5013763	D05_07	D05_07	205	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-20	No								2023-02-05	125		2023-02-28	1.63										

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5014177	D05_07	D05_07	332	W PENN PL	Lead	Lead	PEX	Copper	2023-01-20	2023-01-20	No								2023-03-08	ND													
5013653	D05_07	D05_07	212-214	S EVALINE ST	Lead	Lead	PEX	Copper	2023-01-20	2023-01-20	No								2023-01-21	2.86													
5014203	D05_07	D05_07	333	W PENN PL	Lead	Lead	PEX	Copper	2023-01-20	2023-01-20	No								2023-01-23	ND													
5014886	D05_07	D05_07	401	S EVALINE ST	Copper	Lead	Not Replaced	Copper		2023-01-20	No								2023-02-28	4.69													
5014179	D05_07	D05_07	340	W PENN PL	Copper	Lead	Not Replaced	Copper		2023-01-23	No								2023-01-24	ND													
5014194	D05_07	D05_07	373	W PENN PL	Copper	Lead	Not Replaced	Copper		2023-01-23	No								2023-01-24	1.5													
5013725	D05_07	D05_07	207	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-23	No								2023-01-24	ND													
5014174	D05_07	D05_07	324	W PENN PL	Lead	Lead	PEX	Copper	2023-01-23	2023-01-23	No								2023-01-27	5.38													
5014466	Ops	Private Reimbursement	323	S FAIRMOUNT ST	Lead	Lead	PEX	Copper	2023-01-25	2023-01-24	No	Yes	Emergency						2023-05-10	ND													
5014197	D05_07	D05_07	357	W PENN PL	Lead	Lead	PEX	Copper	2023-01-24	2023-01-24	No								2023-02-13	1.2													
5014181	D05_07	D05_07	348	W PENN PL	Lead	Lead	PEX	Copper	2023-01-24	2023-01-24	No								2023-01-27	5.2													
5016162	Curb Box 2	Curb Box 2	316	45TH ST	Lead	Copper	PEX	Not Replaced	2023-01-24		No								2023-01-24	ND		2023-01-24	84		2023-02-15	ND							
5014183	D05_07	D05_07	352	W PENN PL	Lead	Lead	PEX	Copper	2023-01-24	2023-01-24	No								2023-01-26	1.02													
5013733	D05_07	D05_07	233	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-24	No								2023-01-25	ND													
5013731	D05_07	D05_07	229	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-24	No								2023-01-26	ND													
5014185	D05_07	D05_07	358	W PENN PL	Lead	Lead	PEX	Copper	2023-01-25	2023-01-25	No								2023-01-28	1.59													
5013744	D05_07	D05_07	230	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-25	No								2023-01-26	ND													
5013741	D05_07	D05_07	236	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-25	No								2023-01-26	3.63													
5014199	D05_07	D05_07	349-351	W PENN PL	Lead	Lead	PEX	Copper	2023-01-26	2023-01-26	No								2023-02-03	11													
5014190	D05_07	D05_07	374	W PENN PL	Lead	Lead	PEX	Copper	2023-01-26	2023-01-26	No								2023-02-10	3.68													
5013749	D05_07	D05_07	218	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-26	No								2023-01-30	ND													
5013755	D05_07	D05_07	206	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-26	No								2023-01-27	1.41													
5014302	D05_07	D05_07	243	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-26	No								2023-01-30	10.6		2023-05-30	ND										
5014926	D05_07	D05_07	409	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-27	No								2023-01-28	ND		2023-01-29	4.63										
5014915	D05_07	D05_07	408	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-27	No								2023-01-29	5.11													
5014191	D05_07	D05_07	376	W PENN PL	Lead	Lead	PEX	Copper	2023-01-27	2023-01-27	No								2023-03-22	1.15													
5014295	D05_07	D05_07	307	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-27	No								2023-01-28	ND													
5014184	D05_07	D05_07	356	W PENN PL	Lead	Lead	PEX	Copper	2023-01-27	2023-01-27	No								2023-08-23	ND													
5013740	D05_07	D05_07	238	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-27	No								2023-01-28	3.37													
5014299	D05_07	D05_07	249	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-27	No								2023-01-28	ND													
5014940	D05_07	D05_07	5215	CELIA PL	Lead	Lead	PEX	Copper	2023-01-30	2023-01-30	No								2023-01-31	5.24													
5014207	D05_07	D05_07	321	W PENN PL	Lead	Lead	PEX	Copper	2023-01-30	2023-01-30	No								2023-01-31	ND													
5013739	D05_07	D05_07	240	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-30	No								2023-01-31	7.18													
5014270	D05_07	D05_07	332	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-30	No								2023-02-01	2.13		2023-02-01	2.28										
5014947	D05_07	D05_07	5200	CELIA PL	Copper	Lead	Not Replaced	Copper		2023-01-30	No								2023-02-01	ND													
5014941	D05_07	D05_07	5217	CELIA PL	Lead	Lead	PEX	Copper	2023-01-31	2023-01-31	No								2023-03-25	ND													
5014172	D05_07	D05_07	320	W PENN PL	Lead	Copper	PEX	Not Replaced	2023-01-31		No								2023-02-01	1.97													
5014283	D05_07	D05_07	349	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-01-31	No								2023-02-01	5.57		2023-02-01	ND		2023-02-04	ND							
5004143	SDWMR_2021_B	SDWMR_2021_B	300	OPHELIA ST	Lead	Lead	PEX	Copper	2023-02-01	2023-02-01	No								2023-02-03	ND													
5013715	D05_07	D05_07	216	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-01	No								2023-02-14	2.04													
5014936	D05_07	D05_07	439	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-01	No								2023-02-02	1.66													
5014912	D05_07	D05_07	440	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-02	No								2023-02-03	1.69													
5014904	D05_07	D05_07	438	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-02	No								2023-02-03	ND		2023-02-03	10.8		2023-02-03	ND							
5065446	Urgent LSLR_2	Urgent LSLR_2	913	BEECH AVE	Lead	Lead	PEX	Copper	2023-02-02	2023-02-02	No								2023-02-15	ND													
5013709	D05_07	D05_07	230	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-03	No								2023-02-04	1		2023-02-05	1.54										
5013719	D05_07	D05_07	200	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-03	No								2023-02-04	ND		2023-02-08	1.37										
5014271	D05_07	D05_07	338	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-03	No								2023-02-06	32.8		2023-06-13	ND										
5014937	D05_07	D05_07	443	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-03	No								2023-02-04	2.03													
5014983	D05_07	D05_07	461	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-03	No								2023-02-07	3.55													
5014161	D05_07	D05_07	5128	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-06	No								2023-02-07	6.72													
5014251	D05_07	D05_07	5140	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-06	No								2023-02-07	6.33													
5014162	D05_07	D05_07	5130	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-06	No								2023-02-07	2.75													
5006583	SDWMR_2021_B	SDWMR_2021_B	2908	WHITE ST	Lead	Copper	PEX	Not Replaced	2023-02-07		No								2023-04-21	1.15													
5046999	SDWMR_2021_C	SDWMR_2021_C	536	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-07	2023-02-07	No								2023-03-25	1.67													
5014261	D05_07	D05_07	5150	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-07	No								2023-02-08	9.56													
5014952	D05_07	D05_07	452	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-08	No								2023-02-10	1.46													
5014252	D05_07	D05_07	5142	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-08	No								2023-02-09	1.75													
5046995	SDWMR_2021_C	SDWMR_2021_C	560	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-08	2023-02-08	No								2023-02-12	1.3													
5014293	D05_07	D05_07	5210	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-09	No								2023-02-12	1.48													
5040326	Urgent LSLR_2	Urgent LSLR_2	6807	THOMAS BLVD	Lead	Lead	PEX	Copper	2023-02-09	2023-02-09	No								2023-02-10	16.8		2023-06-14	1										
5013692	D05_07	D05_07	212	S AIKEN AVE	Lead	Lead	PEX	Copper	2023-02-10	2023-02-10	No								2023-02-13	2.92													
5013747	D05_07	D05_07	222	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-10	No								2023-02-12	ND													
5014253	D05_07	D05_07	5144	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-10	No			Emergency					2023-02-12	5.01													
5013684	D05_07	D05_07	213	S AIKEN AVE	Copper	Lead	Not Replaced	Copper		2023-02-14	No								2023-02-15	1.57		2023-02-15	ND										
5013686	D05_07	D05_07	217	S AIKEN AVE	Copper	Lead	Not Replaced	Copper		2023-02-14	No								2023-02-17	2.71													
5014998	D05_07	D05_07	356	S AIKEN AVE	Lead	Copper	PEX	Not Replaced	2023-02-14		No								2023-02-18	ND													
5014366	D05_07	D05_07	344	S AIKEN AVE	Copper	Lead	Not Replaced	Copper		2023-02-14	No								2023-02-15	1.35		2023-02-15	1.68										
5004867	Urgent LSLR_2	Urgent LSLR_2	4	EDITH PL	Lead	Lead	PEX	Copper	2023-02-14	2023-03-06	No	Yes							2023-03-13	ND													
5014355	D05_07	D05_07	302	S AIKEN AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-02-15	2023-02-15	No								2023-02-17	2.35													
5038779	Urgent LSLR_2	Urgent LSLR_2	5674	MELVIN ST	Lead	Lead	PEX	Copper	2023-02-15	2023-02-15	No				2023-01-10	2023-02-17	ND		2023-02-18	ND													
5047105	SDWMR_2021_C	SDWMR_2021_C	578	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-15	2023-02-15	No								2023-02-20	5.1													
5014375	D05_07	D05_07	339	S AIKEN AVE	Copper	Lead	Not Replaced	Copper		2023-02-15	No								2023-02-17	ND													
5047104	SDWMR_2021_C	SDWMR_2021_C	580	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-15	2023-02-15	No								2023-02-16	14.7													
5047100	SDWMR_2021_C	SDWMR_2021_C	602	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-17	2023-02-17	No								2023-02-21	ND													
5014335	D05_07	D05_07	309	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-20	No								2023-02-21	1.26													
5014334	D05_07	D05_07	315	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-20	No								2023-02-21	1.82													
5047099	SDWMR_2021_C	SDWMR_2021_C	604	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-20	2023-02-20	No								2023-02-23	ND													
5014351	D05_07	D05_07	246	S AIKEN AVE	Lead	Lead	PEX	Copper	2023-02-20	2023-02-20	No								2023-02-21	36.6		2023-03-04	2.48										
5071282	Curb Box 2	Curb Box 2	525	MCCLINTOCK AVE	Lead	Lead	PEX	Copper	2023-02-20	2023-02-20	No								2023-02-27	ND													
5014312	D05_07	D05_07	318	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-21	No								2023-02-21	ND													
5013920	D05_07	D05_07	5412	CORAL ST	Lead	Lead	PEX	Copper	2023-02-22	2023-02-22	No								2023-02-23	ND													
5047288	SDWMR_2021_C	SDWMR_2021_C	510	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-02-24	2023-02-24	No								2023-04-11	ND													
5014861	D05_07	D05_07	382	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2023-02-27	2023-02-27	No								2023-04-25	ND													
5014353	D05_07	D05_07	5318	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-02-27	No								2023-03-02	11													
5014930	D05_07	D05_07	425	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-02-27	No								2023-03-04	6.34													
5015034	D05_07	D05_07	367	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-02-27	2023-02-27	No								2023-02-28	31.2		2023-06-14	ND										
5014411	D05_07	D05_07	325	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-02-27	2023-02-27	No								2023-03-02	ND													
5047095	SDWMR_2021_C	SDWMR_2021_C	620	HAZELWOOD AVE	Lead	Copper	PEX	Not Replaced	2023-02-28		No								2023-03-01	ND													
5046930	SDWMR_2021_C	SDWMR_2021_C	636	HAZELWOOD AVE	Lead	Copper	PEX	Not Replaced	2023-02-28		No								2023-03-01	ND													
5047005	SDWMR_2021_C	SDWMR_2021_C	555	HAZELWOOD AVE	Lead	Copper	PEX	Not Replaced	2023-03-01		No								2023-03-02	1.82													
5015031	D05_07	D05_07	362	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-01	2023-03-01	No								2023-04-25	ND													
5014863	D05_07	D05_07	411	S WINEBIDDLE ST	Lead	Lead	PEX	Copper	2023-03-01	2023-03-01	No								2023-03-02	2.22													
5015045	D05_07	D05_07	431	S GRAHAM ST	Copper	Lead	Not Replaced	Copper		2023-03-01	No								2023-03-02	2240													
5014994	D05_07	D05_07	414	S AIKEN AVE	Lead	Lead	PEX	Copper	2023-03-02	2023-03-02	No								2023-03-03	3.32													
5015047	D05_07	D05_07	439	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-02	2023-03-02	No								2023-03-30	ND		2023-03-30	ND		2023-03-30	ND							
5015018	D05_07	D05_07	456	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-03	2023-03-03	No								2023-03-05	ND													
5005599	Ops	Ops	638	HOLLACE ST	Lead	Copper	PEX	Not Replaced	2023-03-06		No	No	Emergency						2023-04-04	1.15													
5053984	D16_03	D16_03	72	S 19TH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-03-06	2023-03-06	No								2023-03-07	ND													
5015040	D05_07	D05_07	411	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-06	2023-03-06	No								2023-03-08	ND													
5015027	D05_07	D05_07	414	S GRAHAM ST	Copper	Lead	PEX	Copper	2023-03-07	2023-03-07	No								2023-04-07	ND													
5054069	D16_03	D16_03	80	S 19TH ST	Lead	Copper	PEX	Not Replaced	2023-03-07		No								2023-03-12	1.55													
5040961	Ops	Urgent LSLR_2	209	N LANG AVE	Lead	Lead	PEX	Copper	2023-03-08	2023-03-15	No	Yes	Emergency						2023-03-19	ND													
5053966	D16_03	D16_03	56	S 19TH ST	Lead	Lead	PEX	Copper	2023-03-08	2023-03-08	No								2023-03-09	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5014390	D05_07	D05_07	224	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-08	2023-03-08	No								2023-03-10	4.4													
5053963	D16_03	D16_03	62	S 19TH ST	Lead	Lead	PEX	Copper	2023-03-08	2023-03-08	No								2023-04-16	1.33													
5013925	D05_07	D05_07	204	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-08	2023-03-08	No								2023-03-10	ND													
5015042	D05_07	D05_07	419	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-09	2023-03-09	No								2023-03-12	ND													
5014907	D05_07	D05_07	432	S PACIFIC AVE	Copper	Lead	Not Replaced	Copper		2023-03-09	No								2023-03-15	ND													
5015023	D05_07	D05_07	434	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-03-09	2023-03-09	No								2023-03-10	ND													
5053978	D16_03	D16_03	73	S 19TH ST	Lead	Lead	PEX	Copper	2023-03-09	2023-03-09	No								2023-03-10	1.15													
5068515	Ops	Urgent LSLR_2	42	WOESSNER AVE	Lead	Lead	PEX	Copper	2023-03-10	2023-03-16	No			Emergency					2023-05-24	3.59													
5013685	D05_07	D05_07	215	S AIKEN	Copper	Lead	Not Replaced	Copper		2023-03-10	No								2023-03-11	ND		2023-06-19	11.3		2023-11-16	1.05							
5053829	D16_03	D16_03	42	S 19TH ST	Lead	Lead	PEX	Copper	2023-03-10	2023-03-10	No								2023-06-09	ND													
5013694	D05_07	D05_07	204	S AIKEN AVE	Lead	Lead	PEX	Copper	2023-03-13	2023-03-13	No								2023-03-16	2.16													
5053971	D16_03	D16_03	63	S 19TH ST	Lead	Lead	PEX	Copper	2023-03-13	2023-03-13	No								2023-03-14	2.7													
5014258	D05_07	D05_07	5147	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Copper		2023-03-20	No								2023-03-22	ND													
5035886	D07_08	D07_08	1326	WIGHTMAN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-03-20	2023-03-20	No								2023-03-21	16.6		2023-07-06	ND										
5035881	D07_08	D07_08	1316	WIGHTMAN ST	Lead	Copper	PEX	Not Replaced	2023-03-21		No								2023-03-22	3.6													
5015240	D05_07	D05_07	5170	LIBERTY AVE	Copper	Lead	Not Replaced	Copper		2023-03-21	No								2023-03-24	2.07		2023-03-24	1.12										
5035882	D07_08	D07_08	1318	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-03-21	2023-03-21	No								2023-03-22	1.18													
5053938	D16_03	D16_03	54	S 18TH ST	Lead	Copper	PEX	Not Replaced	2023-03-22		No								2023-03-23	10.5		2023-07-17	1.24										
5035879	D07_08	D07_08	1312	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-03-22	2023-03-22	No								2023-03-23	ND													
5122691	Ops	Urgent LSLR_2	9	LAWRENCE STREET	Lead	Lead	PEX	Copper	2023-03-23	2023-04-04	No	Yes	Emergency						2023-04-18	ND													
5036375	D07_08	D07_08	1417	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-03-27	2023-03-27	No								2023-05-24	ND													
5036257	D07_08	D07_08	1416	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-03-29	2023-03-29	No								2023-04-04	1.11													
5054009	D16_03	D16_03	1709	WRIGHTS WAY	Lead	Lead	PEX	Copper	2023-03-29	2023-03-29	No								2023-04-03	ND													
5035889	D07_08	D07_08	1332	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-03-30	2023-03-30	No								2023-12-02	1.47													
5036259	D07_08	D07_08	1426	WIGHTMAN ST	Lead	Copper	PEX	Not Replaced	2023-03-30		No								2023-03-31	ND													
5036314	D07_08	D07_08	1441	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-03-31	2023-03-31	No								2023-04-01	ND		2023-04-14	ND										
5036255	D07_08	D07_08	1408	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-04-03	2023-04-03	No								2023-08-31	6.59													
5036668	D07_08	D07_08	1519	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-04-04	2023-04-04	No								2023-04-10	ND													
5036667	D07_08	D07_08	1515	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-04-04	2023-04-04	No								2023-04-06	4.23													
5035788	D07_08	D07_08	5470	FAIR OAKS ST	Lead	Copper	PEX	Not Replaced	2023-04-05		No								2023-07-26	ND													
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	ND													
5034877	D07_08	D07_08	5340	FORBES AVE	Lead	Copper	PEX	Not Replaced	2023-04-05		No								2023-05-29	4.03													
5046935	SDWMR_2021_C	SDWMR_2021_C	650	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2023-04-05	2023-04-05	No								2023-04-09	ND													
5122596	Ops	Private Reimbursement	1049	EVERGREEN AVENUE	Lead	Lead	PEX	PEX	2023-05-02	2023-04-06	No	Yes	Emergency						2023-07-06	ND													
5053997	D16_03	D16_03	1814	SIDNEY ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-04-07	2023-04-07	No								2023-04-11	ND													
5034474	D07_08	D07_08	1090	DEVON RD	Lead	Lead	PEX	Copper	2023-04-10	2023-04-10	No								2023-04-24	ND													
5122320	Urgent LSLR_2	Urgent LSLR_2	227	NORTH AVENUE	Lead	Lead	PEX	Copper	2023-04-10	2023-04-10	No								2023-04-11	ND													
5035859	SDWMR_2021_C	SDWMR_2021_C	1243	BELLEROCK ST	Lead	Lead	PEX	Copper	2023-04-11	2023-04-11	No								2023-04-12	2.93													
5034476	D07_08	D07_08	1085	DEVON RD	Lead	Copper	PEX	Not Replaced	2023-04-12		No								2023-07-06	ND													
5035771	D07_08	D07_08	1233	INVERNESS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-04-12	2023-04-12	No								2023-04-14	ND													
5053979	D16_03	D16_03	75	S 19TH ST	Lead	Lead	PEX	Copper	2023-04-17	2023-04-17	No								2023-04-18	ND													
5036251	D07_08	D07_08	1340	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-04-17	2023-04-17	No								2023-04-18	ND													
5035770	D07_08	D07_08	1225	INVERNESS AVE	Lead	Lead	PEX	Copper	2023-04-18	2023-04-19	No	Yes							2023-04-20	ND													
5077577	Ops	Urgent LSLR_2	3719	HIAWATHA ST	Lead	Lead	PEX	Copper	2023-04-19	2023-04-28	No	Yes	Emergency						2023-06-13	ND													
5036209	SDWMR_2021_C	SDWMR_2021_C	5521	WOODMONT ST	Lead	Lead	PEX	Copper	2023-04-19	2023-04-19	No								2023-04-22	ND													
5024780	Ops	Urgent LSLR_2	1349	CORDOVA RD	Lead	Lead	PEX	Copper	2023-04-20	2023-04-25	No	Yes	Emergency						2023-05-19	ND													
5034787	D07_08	D07_08	5422	NORMLEE PL	Lead	Copper	PEX	Not Replaced	2023-04-20		No								2023-05-25	ND													
5014956	D05_07	D05_07	428	S ATLANTIC AVE	Copper	Lead	Not Replaced	Copper		2023-04-20	No								2023-04-21	1.27		2023-04-22	ND		2023-04-22	ND							
5009865	Ops	Urgent LSLR_2	511	S GRAHAM ST	Lead	Lead	PEX	Copper	2023-04-21	2023-04-27	No	Yes	Emergency						2023-04-28	2.77													
5037444	Urgent LSLR_2	Urgent LSLR_2	6328	BARTLETT ST	Lead	Lead	PEX	Copper	2023-04-24	2023-04-24	No								2023-04-26	ND													
5034799	D07_08	D07_08	5250	FORBES AVE	Lead	Lead	PEX	Copper	2023-04-25	2023-04-25	No								2023-04-27	ND													
5035814	SDWMR_2021_C	SDWMR_2021_C	1234	BELLEROCK ST	Lead	Lead	PEX	Copper	2023-04-27	2023-04-27	No								2024-02-11	3.95													
5036661	D07_08	D07_08	5531	FORBES AVE	Lead	Lead	PEX	Copper	2023-04-28	2023-04-28	No								2023-04-30	1.01													
5122917	Ops	Urgent LSLR_2	410	COLTON ST	Lead	Lead	PEX	Copper	2023-04-30	2023-05-15	No	Yes	Emergency						2023-09-01	ND													
5036736	D07_08	D07_08	1626	WIGHTMAN ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-05-01	2023-05-01	No								2023-06-03	3.09													
5034655	D07_08	D07_08	239	GLADSTONE RD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-05-02	2023-05-02	No								2023-06-19	ND													
5035822	SDWMR_2021_C	SDWMR_2021_C	5530	WILKINS AVE	Lead	Lead	PEX	Copper	2023-05-02	2023-05-02	No								2023-06-03	3.53													
5036313	D07_08	D07_08	1443	WIGHTMAN ST	Lead	Lead	PEX	Copper	2023-05-03	2023-05-03	No								2023-10-06	ND													
5035818	SDWMR_2021_C	SDWMR_2021_C	1222	BELLEROCK ST	Lead	Copper	PEX	Not Replaced	2023-05-04		No								2023-05-05	ND													
5034874	D07_08	D07_08	5324	FORBES AVE	Lead	Lead	PEX	Copper	2023-05-04	2023-05-05	No	Yes							2023-05-06	4.98													
5046923	SDWMR_2021_C	SDWMR_2021_C	641	HAZELWOOD AVE	Lead	Copper	PEX	Not Replaced	2023-05-08		No								2023-05-09	5.94													
5034496	D07_08	D07_08	5119	PENTON RD	Copper	Lead	Not Replaced	Copper		2023-05-09	No								2023-05-12	ND													
5034774	D07_08	D07_08	5251	FORBES AVE	Lead	Copper	PEX	Not Replaced	2023-05-11		No								2023-05-15	ND													
5034778	D07_08	D07_08	5255	FORBES AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-05-11	2023-05-11	No								2023-05-12	5.67													
5034776	D07_08	D07_08	5253	FORBES AVE	Lead	Copper	PEX	Not Replaced	2023-05-12		No								2023-05-14	2.75													
5010783	SDWMR_2021_C	SDWMR_2021_C	5025	CASTLEMAN ST	Lead	Copper	PEX	Not Replaced	2023-05-16		No								2023-05-26	ND													
5077940	D08_01	D08_01	3580	BRIGHTON RD	Lead	Copper	PEX	Not Replaced	2023-05-16		No								2023-07-03	ND													
5077943	D08_01	D08_01	3596	BRIGHTON RD	Lead	Lead	PEX	Copper	2023-05-17	2023-05-17	No								2023-05-17	4.32													
5010782	SDWMR_2021_C	SDWMR_2021_C	5023	CASTLEMAN ST	Lead	Lead	PEX	Copper	2023-05-17	2023-05-17	No								2023-07-02	1.34													
5078051	D08_01	D08_01	3415	FLEMING AVE	Lead	Copper	PEX	Not Replaced	2023-05-17		No								2023-05-24	1.2													
5009428	Ops	Urgent LSLR_2	3601	MINTWOOD ST	Lead	Lead	PEX	Copper	2023-05-18	2023-05-31	No			Emergency					2023-06-29	ND													
5078055	D08_01	D08_01	3426	FLEMING AVE	Lead	Lead	PEX	Copper	2023-05-18	2023-05-18	No								2023-06-16	1.19													
5078047	D08_01	D08_01	3427	FLEMING AVE	Lead	Copper	PEX	Not Replaced	2023-05-18		No								2023-05-19	ND													
5078302	D08_01	D08_01	3323	FLEMING AVE	Lead	Lead	PEX	Copper	2023-05-19	2023-05-19	No								2023-05-20	31.5		2023-08-20	1.58										
5078308	D08_01	D08_01	3411	FLEMING AVE	Lead	Lead	PEX	Copper	2023-05-22	2023-05-22	No								2023-06-02	1.75													
5077968	D08_01	D08_01	3507	CALIFORNIA AVE	Lead	Copper	PEX	Not Replaced	2023-05-22		No								2023-05-23	ND		2023-05-23	ND										
5078135	D08_01	D08_01	3416	REUBEN ST	Copper	Lead	Not Replaced	Copper		2023-05-23	No								2023-05-24	8.32													
5078134	D08_01	D08_01	3412	REUBEN ST	Lead	Lead	PEX	Copper	2023-05-24	2023-05-24	No								2023-05-24	358													
5078133	D08_01	D08_01	3408	REUBEN ST	Copper	Lead	Not Replaced	Copper		2023-05-24	No								2023-05-25	2.25													
5077636	D08_01	D08_01	3548	MEXICO ST	Copper	Lead	Not Replaced	Copper		2023-05-24	No								2023-05-24	13.2		2023-09-05	4.1										
5077962	D08_01	D08_01	3517	MEXICO ST	Copper	Lead	Not Replaced	Copper		2023-05-25	No								2023-05-28	ND													
5078387	D08_01	D08_01	3405	REUBEN ST	Lead	Copper	PEX	Not Replaced	2023-05-25		No								2023-06-11	2.83													
5013121	Ops		4719	LORIGAN ST	Lead	Copper	PEX	Not Replaced	2023-06-02		No	No	Emergency						2023-08-24	ND													
5078768	D08_01	D08_01	3504	CORONA ST	Lead	Copper	PEX	Not Replaced	2023-06-02		No								2023-06-12	ND													
5078492	D08_01	D08_01	3247	BAINTON ST	Copper	Lead	Not Replaced	Copper		2023-06-05	No								2023-06-06	ND													
5048595	D09_05_A	D09_05_A	121	JOHNSTON AVE	Lead	Lead	PEX	Copper	2023-06-09	2023-06-09	No								2023-06-10	ND													
5025944	Ops	Urgent LSLR_2	1035	N HIGHLAND AVE	Lead	Lead	PEX	Copper	2023-06-10	2023-06-23	No	Yes	Emergency						2023-06-25	2.66													
5047972	D09_05_A	D09_05_A	129	JOHNSTON AVE	Lead	Lead	PEX	Copper	2023-06-12	2023-06-12	No								2023-07-27	1.19													
5049159	D09_05_A	D09_05_A	119	ALLUVIAN ST	Lead	Lead	PEX	Copper	2023-06-12	2023-06-12	No								2023-06-15	ND													
5048820	D09_05_A	D09_05_A	8	ALMEDA ST	Lead	Lead	PEX	Copper	2023-06-13	2023-06-13	No								2023-06-14	1.24													
5048587	D09_05_A	D09_05_A	204	JOHNSTON AVE	Lead	Copper	PEX	Not Replaced	2023-06-13		No								2023-06-14	ND													
5048711	D09_05_A	D09_05_A	307	MANSION ST	Lead	Lead	PEX	Copper	2023-06-14	2023-06-14	No								2023-06-15	ND													
5048588	D09_05_A	D09_05_A	202	JOHNSTON AVE	Lead	Lead	PEX	Copper	2023-06-14	2023-06-14	No								2023-06-15	3.62													
1000178	Ops	Urgent LSLR_2	714-724	MANILLA ST	Lead	Lead	PEX	Copper	2023-06-20	2023-07-05	No	Yes	Emergency						2023-07-07	ND													
5048613	D09_05_A	D09_05_A	243	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2023-06-20	2023-06-20	No								2023-07-02	ND													
5048610	D09_05_A	D09_05_A	249	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2023-06-20	2023-06-21	No	Yes							2023-08-28	ND													
5036440	Ops	Urgent LSLR_2	5815	FERREE ST	Lead	Lead	PEX	Copper	2023-06-21	2023-07-07	No	Yes	Emergency						2023-07-08	3.75													
5048629	D09_05_A	D09_05_A	220	TROWBRIDGE ST	Copper	Lead	Not Replaced	Copper		2023-06-23	No								2023-08-03	2.79													
5047711	D09_05_A	D09_05_A	4820	MONONGAHELA ST	Lead	Lead	PEX	Copper	2023-06-27	2023-06-27	No								2023-07-09	ND													
5048617	D09_05_A	D09_05_A	233	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2023-07-05	2023-07-05	No								2023-07-07	3.1													
5047695	D09_05_A	D09_05_A	4828	CHATSWORTH ST	Lead	Lead	PEX	Copper	2023-07-05	2023-07-05	No								2023-07-06	2.14													
5048626	D09_05_A	D09_05_A	214	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2023-07-06	2023-07-06	No								2023-07-24	4.83													
5048627	D09_05_A	D09_05_A	216	TROWBRIDGE ST	Lead	Lead	PEX	Copper	2023-07-07	2023-07-07	No								2023-07-19	1.06													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency 2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb Draw1	Pre Construction Lab Result_ppb Draw5	Dt Collected1	Lab Result_ppb 1_ Draw1	Lab Result_ppb 1_ Draw5	Dt Collected2	Lab Result_ppb 2_ Draw1	Lab Result_ppb 2_ Draw5	Dt Collected3	Lab Result_ppb 3_ Draw1	Lab Result_ppb 3_ Draw5	Dt Collected4	Lab Result_ppb 4_ Draw1	Lab Result_ppb 4_ Draw5	Dt Collected5	Lab Result_ppb 5_ Draw1	Lab Result_ppb 5_ Draw5
5055419	Ops		2662	S 18TH STREET EXT	Lead	Copper	PEX	Not Replaced	2023-07-10		No			Emergency					2023-11-01	6.65													
5047405	D09_05_A	D09_05_A	137	HAZELWOOD AVE	Copper	Lead	Not Replaced	Copper		2023-07-10	No								2023-07-13	ND													
5048728	D09_05_A	D09_05_A	5217	GLENWOOD AVE	Copper	Lead	Not Replaced	Copper		2023-07-10	No								2023-07-11	7.86													
5048631	D09_05_A	D09_05_A	224	TROWBRIDGE ST	Copper	Lead	Not Replaced	Copper		2023-07-13	No								2023-07-14	11.5		2023-10-29	ND										
5047999	D09_05_A	D09_05_A	136	TIPTON ST	Copper	Lead	Not Replaced	Copper		2023-07-13	No			Emergency					2023-08-19	ND													
5048001	D09_05_A	D09_05_A	130	TIPTON ST	Lead	Lead	PEX	Copper	2023-07-14	2023-07-14	No								2023-08-22	ND													
5048035	D09_05_A	D09_05_A	131	TIPTON ST	Lead	Lead	PEX	Copper	2023-07-18	2023-07-18	No								2023-08-03	1.25													
5048004	D09_05_A	D09_05_A	110	TIPTON ST	Lead	Lead	PEX	Copper	2023-07-20	2023-07-20	No								2023-07-25	ND													
5048560	D09_05_A	D09_05_A	5300	GERTRUDE ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-07-26	2023-07-26	No								2023-07-29	ND													
5122935	Ops	Urgent LSLR_2	15	FREDERICK STREET	Lead	Lead	PEX	Copper	2023-07-27	2023-07-31	No			Emergency					2023-09-21	ND													
5047768	D09_05_B	D09_05_B	4930	GLENWOOD AVE	Lead	Copper	PEX	Not Replaced	2023-07-31		No								2023-08-02	6.27													
5063893	E01_02	E01_02	225	STAFFORD ST	Copper	Lead	Not Replaced	Copper		2023-07-31	No								2023-08-04	ND													
5047780	D09_05_B	D09_05_B	4941	GLENWOOD AVE	Lead	Lead	PEX	Copper	2023-08-03	2023-08-03	No								2024-02-07	5.98	ND												
5035346	Curb Box 2	Curb Box 2	1089	SHADY AVE	Lead	Copper	Copper	Not Replaced	2023-08-04		No								2024-02-26	ND	ND												
5063888	E01_02	E01_02	218	RADCLIFFE ST	Copper	Lead	Not Replaced	Copper		2023-08-07	No								2024-01-11	ND	ND												
5047495	D09_05_B	D09_05_B	345	FLOWERS AVE	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-08-09	2023-08-09	No								2023-11-03	ND		2024-01-22	ND	ND										
5063827	E01_02	E01_02	2428	GLEN MAWR ST	Lead	Lead	PEX	Copper	2023-08-10	2023-08-10	No								2024-02-05	ND	ND												
5064013	E01_02	E01_02	222	SAGAMORE ST	Lead	Copper	PEX	Not Replaced	2023-08-14		No								2023-12-22	ND	ND												
5047335	D09_05_B	D09_05_B	248	BLACKSTONE ST	Lead	Lead	PEX	Copper	2023-08-16	2023-08-16	No								2023-12-29	ND	ND												
5063849	E01_02	E01_02	3326	OREGON ST	Lead	Copper	PEX	Not Replaced	2023-08-17		No								2024-01-14	2.99	ND												
5048039	D09_05_B	D09_05_B	215	TIPTON ST	Copper	Lead	Not Replaced	Copper		2023-08-21	No								2024-01-08	2.37	ND												
5047757	D09_05_B	D09_05_B	233	ROSE WAY	Copper	Lead	PEX	Copper	2023-08-23	2023-08-23	No								2024-02-14	ND	ND												
5011244	Ops		555	S NEGLEY AVE #15	Lead	Copper	Copper	Not Replaced	2023-08-24		No	No	Emergency						2023-12-28	ND	ND												
5063932	E01_02	E01_02	3123	W CARSON ST	Copper	Lead	Not Replaced	Copper		2023-08-25	No								2023-12-26	ND	ND												
5030873	E02_09	E02_09	6918	CHURCHLAND ST	Lead	Lead	PEX	Copper	2023-08-31	2023-08-31	No								2024-01-29	12.7	2.42												
5047092	D09_05_B	D09_05_B	643	FRAYNE ST	Lead	Lead	PEX	Copper	2023-08-31	2023-08-31	No								2023-12-28	ND	ND												
5047112	D09_05_B	D09_05_B	569	FRAYNE ST	Lead	Lead	PEX	Copper	2023-09-05	2023-09-05	No								2024-02-17	ND	ND												
5047143	D09_05_B	D09_05_B	555	BLACKSTONE ST	Copper	Lead	Not Replaced	Copper		2023-09-11	No								2024-01-21	1.31	ND												
5048808	D09_05_A	D09_05_A	5317	2ND AVE	Copper	Lead	Not Replaced	Copper		2023-09-11	No								2024-03-14	ND	ND												
5031062	E02_09	E02_09	7109	CHURCHLAND ST	Lead	Copper	PEX	Not Replaced	2023-09-13		No								2024-02-01	ND	ND												
5016282	Ops		240	46TH ST	Lead	Copper	PEX	Not Replaced	2023-09-14		No	No	Emergency						2024-02-03	ND	ND												
5035950	Urgent LSLR_3	Urgent LSLR_3	1231	WIGHTMAN ST	Copper	Lead	PEX	Copper	2023-09-18	2023-09-21	No								2024-02-02	5.58	2.52												
5047125	D09_05_B	D09_05_B	666	FRAYNE ST	Lead	Lead	PEX	Copper	2023-09-18	2023-09-18	No								2024-02-17	ND	ND												
5048062	D09_05_B	D09_05_B	241	ELIZABETH ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-09-22	2023-09-22	No								2024-01-23	ND	ND												
5028117	Ops	Urgent LSLR_3	1127	DE VICTOR PL	Lead	Lead	PEX	Copper	2023-09-29	2023-10-05	No	Yes	Emergency						2024-02-21	1.31	ND												
5069327	D10_01	D10_01	2139	LOWRIE ST	Lead	Copper	PEX	Not Replaced	2023-10-03		No								2024-03-09	ND	ND												
5078122	Urgent LSLR_3	Urgent LSLR_3	3406	MCCLURE AVE	Lead	Copper	PEX	Not Replaced	2023-10-04		No								2024-02-23	1.14	ND												
5004709	Ops	Urgent LSLR_3	3446	FRAZIER ST	Lead	Lead	PEX	Copper	2023-10-05	2023-10-09	No	Yes	Emergency						2024-02-22	4.8	ND												
5031304	E02_09	E02_09	7264	CAMPANIA ST	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-10-06	2023-10-06	No								2024-02-27	ND	ND												
5057871	Ops		164	AMABELL ST	Lead	Copper	PEX	Not Replaced	2023-10-11		No			Emergency					2024-03-07	ND	ND												
5069073	D10_01	D10_01	2146	LOWRIE ST	Lead	Lead	PEX	Copper	2023-10-11	2023-10-11	No								2024-03-04	ND	ND												
5069131	D10_01	D10_01	2036	VERONICA ST	Lead	Copper	PEX	Not Replaced	2023-10-12		No								2024-02-23	ND	ND												
5041102	Ops	Urgent LSLR_3	421	HASTINGS ST	Lead	Lead	PEX	Copper	2023-10-14	2023-10-31	No	Yes	Emergency						2024-02-26	4.25	ND												
5069100	D10_01	D10_01	2179	LOWRIE ST	Lead	Copper	PEX	Not Replaced	2023-10-16		No								2024-04-14	ND	ND												
5045182	Ops		59	BIGELOW ST	Lead	Copper	PEX	Not Replaced	2023-10-17		No	No	Emergency						2024-03-30	ND	ND												
5069077	D10_01	D10_01	2140	LOWRIE ST	Lead	Lead	PEX	Copper	2023-10-19	2023-10-19	No								2024-03-03	ND	ND												
5037600	Ops	Urgent LSLR_3	5559	RALEIGH ST	Lead	Lead	PEX	Copper	2023-10-22	2023-11-01	No			Emergency					2024-02-23	5.86	ND												
5030969	E02_09	E02_09	1712	LINCOLN AVE	Copper	Lead	Not Replaced	Copper		2023-10-25	No								2024-03-09	2.4	ND												
5081768	D10_01	D10_01	1919	MOUNT TROY RD	Lead	Copper	PEX	Not Replaced	2023-10-27		No								2024-03-04	ND	ND												
5068600	D10_01	D10_01	1741	COWLEY ST	Lead	Copper	PEX	Not Replaced	2023-10-31		No								2024-02-26	ND	ND												
5030988	E02_09	E02_09	7161	VERONA BLVD	Lead	Lead Tailpiece	PEX	Copper Tailpiece	2023-10-31	2023-10-31	No								2024-02-27	5.01	ND												
5031296	E02_09	E02_09	1654	WESTMORELAND ST	Lead	Copper	PEX	Not Replaced	2023-11-08		No								2024-04-10	ND	ND												
5122627	Ops	Urgent LSLR_3	1224	EVERGREEN AVENUE	Lead	Lead	PEX	Copper	2023-11-10	2023-11-20	No	Yes	Emergency						2024-03-26	1.92	ND												
5122626	Ops	Urgent LSLR_3	1222	EVERGREEN AVENUE	Lead	Lead	PEX	Copper	2023-11-10	2023-11-20	No	Yes	Emergency						2024-03-24	ND	ND												
5068389	D10_01	D10_01	1340	GOETTMAN ST	Copper	Lead	Not Replaced	Copper		2023-11-13	No								2024-03-27	ND	ND												
5081765	D10_01	D10_01	1911	MOUNT TROY ROAD EXT	Lead	Lead	PEX	Copper	2023-11-13	2023-11-13	No								2024-03-23	3.81	ND												
5078397	SDWMR_2022_C	SDWMR_2022_C	1450	REUBEN ST	Lead	Lead	PEX	Copper	2023-12-15	2023-11-13	No								2024-04-17	5	1.81												
5031537	E02_09	E02_09	1612	WESTMORELAND AVE	Lead	Lead	PEX	Copper	2023-11-13	2023-11-13	No								2024-04-01	1.55	ND												
5031545	E02_09	E02_09	1534	WESTMORELAND ST	Lead	Lead	PEX	Copper	2023-11-14	2023-11-14	No								2024-03-26	1.15	ND												
5077985	Urgent LSLR_3	Urgent LSLR_3	3450	CALIFORNIA AVE	Lead	Lead	PEX	Copper	2023-11-14	2023-11-15	No	Yes							2024-04-02	6.5	1.15												
5051119	Ops	Urgent LSLR_3	2523	SARAH ST	Lead	Lead	PEX	Copper	2023-11-15	2023-12-06	No	Yes	Emergency						2023-12-08	ND		2024-03-25	ND	ND										
5031516	E02_09	E02_09	1511	WESTMORELAND ST	Lead	Lead	PEX	Copper	2023-11-17	2023-11-17	No								2024-03-24	ND	ND												
5069236	D10_01	D10_01	2016	LEY ST	Lead	Lead	PEX	Copper	2023-11-20	2023-11-20	No								2024-03-24	1.13	ND												
5068974	D10_01	D10_01	1509	CLAIM ST	Lead	Copper	PEX	Not Replaced	2023-11-22		No								2024-03-22	ND	ND												
5035942	Urgent LSLR_3	Urgent LSLR_3	5621	WILKINS AVE	Lead	Lead	PEX	Copper	2023-11-28	2023-11-29	No	Yes							2024-04-02	5	ND												
5031574	E02_09	E02_09	1607	WORTHINGTON ST	Lead	Lead	PEX	Copper	2023-11-30	2023-11-30	No								2024-03-24	2.19	ND												
5031869	E02_09	E02_09	1533	OAKDENE ST	Lead	Copper	PEX	Not Replaced	2023-12-07		No								2024-04-20	ND	ND												
5018437	Ops		131	45TH ST	Lead	Copper	PEX	Not Replaced	2023-12-08		No	No	Emergency						2024-04-19	ND	ND												
5068959	D10_01	D10_01	1604	LOWRIE ST	Lead	Lead	PEX	Copper	2023-12-13	2023-12-13	No								2024-04-20	ND	ND												
5017160	Urgent LSLR_3	Urgent LSLR_3	4114	PENN AVE	Lead	Copper	PEX	Not Replaced	2023-12-15		No								2024-04-15	ND	ND												
5069306	D10_01	D10_01	2029	LOWRIE ST	Lead	Lead	PEX	Copper	2023-12-29	2023-12-29	No								2024-04-13	4.2	ND												
5012538	Ops	Private Reimbursement	5514	HOWE ST	PEX	Lead	Not Replaced	Copper		2024-01-05	No	No	Emergency						2024-01-19	ND													

DocuSign Envelope ID: 98E4D50C-0B97-447B-B4F6-46BD939F1440

Construction Samples Report as of April 30, 2024

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	Temp Water	Emergency	Emergency2	Pre Construction Dt Collected	Pre Construction Dt Result Recfrom Lab	Pre Construction Lab Result_ppb_ Draw1	Pre Construction Lab Result_ppb_ Draw5	Dt Collected1	Lab Result_ppb1_ Draw1	Lab Result_ppb1_ Draw5	Dt Collected2	Lab Result_ppb2_ Draw1	Lab Result_ppb2_ Draw5	Dt Collected3	Lab Result_ppb3_ Draw1	Lab Result_ppb3_ Draw5	Dt Collected4	Lab Result_ppb4_ Draw1	Lab Result_ppb4_ Draw5	Dt Collected5	Lab Result_ppb5_ Draw1	Lab Result_ppb5_ Draw5
5071687	Ops	B08_06_B	618	DANBURY ST	Other	Lead	PEX	Not Replaced	2015-10-01		E03_06	E03_06	PEX	Lead	Not Replaced	Copper		2023-12-20	Yes		Emergency						2024-04-13	ND	ND														
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						2020-11-15	2.19															
5031892	Ops	BLG_01	1542	OBERLIN ST	Lead	Lead	PEX	Not Replaced	2016-11-01		SDWMR_2020B	SDWMR_2020B	PEX	Lead	PEX	Copper	2020-11-12	2020-11-12	Yes		Emergency		2017-07-07	2017-07-13	12		2020-11-16	ND															
5031893	Ops	BLG_01	1544	OBERLIN ST	Lead	Lead	PEX	Not Replaced	2016-11-02		SDWMR_2020B	SDWMR_2020B	PEX	Lead	PEX	Copper	2020-11-17	2020-11-17	Yes		Emergency		2017-10-11	2017-10-26	16		2020-11-18	2.72															
5039068	Ops	Private Reimbursement	5858	BURCHFIELD AVE	Lead	Lead	PEX	Copper	2016-11-09	2018-04-27	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-02-08		Yes		Emergency						2017-11-15	3.3															
5040825	Ops	BLG	7000	MEADE PL	Lead	Lead	PEX	Copper	2017-02-15	2019-01-11	SDWMR_2021_C	SDWMR_2021_C	PEX	Copper	PEX	Not Replaced	2022-09-13		Yes		Emergency						2017-08-10	10															
5026918	Ops	BLG	709	N EUCLID AVE	Lead	Lead	PEX	Not Replaced	2017-07-24		SDWMR_2021_B	SDWMR_2021_B	PEX	PEX	PEX	Not Replaced	2022-05-09		Yes		Emergency						2017-07-28	33		2017-08-28	17		2017-10-30	6						
5004432	Ops	BLG_01	3316	HARDIE WAY	Lead	Lead	PEX	Not Replaced	2017-09-20		D02_03	D02_03	PEX	Lead	Not Replaced	Copper		2022-07-13	Yes		Emergency		2017-09-26	2017-10-26	19		2022-07-15	16.1															
5039111	Ops	BLG	2842	SHADY AVE	Lead	Lead	PEX	Copper	2017-10-16	2019-01-10	SDWMR_2020A	SDWMR_2020A	PEX	Lead	PEX	Copper	2021-01-21		Yes		Emergency						2017-10-19	56		2017-11-07	48											
5016726	Ops-Unlisted		4213	SHERROD ST	Lead	Copper	PEX	Not Replaced	2017-10-28		SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-05-10		No		Emergency						2017-10-31	17		2017-11-21	21											
5031548	Ops	BLG_02	1500	WESTMORELAND ST	Lead	Lead	PEX	Not Replaced	2017-11-28		E02_09	E02_09	PEX	Lead	Not Replaced	Copper		2023-11-22	Yes		Emergency							20															
5030883	Ops	BLG	6939	CHURCHLAND ST	Lead	Lead	PEX	Copper	2017-12-03	2019-01-08	E02_09	E02_09	PEX	Copper	PEX	Not Replaced	2023-09-05		Yes		Emergency						2017-12-11	9.3		2019-01-23	ND											
5016717	Ops	BLG_01	368	44TH ST	Lead	Lead	PEX	Copper	2017-12-07	2019-03-28	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-04-20		Yes		Emergency						2017-12-07	1700		2017-12-12	4.9		2019-03-29	3.9							
5044101	Ops	BLG_01	620	E END AVE	Lead	Lead	PEX	Copper	2017-12-17	2019-05-29	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-20		Yes		Emergency						2018-12-18	80		2019-12-04	5											
5058344	Ops	BLG_01	217	MAPLE TER	Lead	Lead	PEX	Not Replaced	2018-02-14		SDWMR_2020A	SDWMR_2020A	PEX	Lead Tallpiece	PEX	Copper Tallpiece	2021-07-09	2021-07-09	Yes		Emergency						2018-02-26	ND		2018-03-18	ND											
5017885	Ops		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						2018-10-17	ND															
5058658	Ops	BLG	158	VIRGINIA AVE	Lead	Lead	PEX	Not Replaced	2018-02-18		SDWMR_2020A	SDWMR_2020A	PEX	Lead Tallpiece	PEX	Copper Tallpiece	2021-08-06	2021-08-06	Yes		Emergency						2018-03-07	ND															
5003097	Ops	BLG_01	137	CHESTERFIELD RD	Lead	Lead	Copper	Not Replaced	2018-05-11		SDWMR_2021_B	SDWMR_2021_B	Copper	Lead	PEX	Copper	2023-01-11	2023-01-11	Yes		Emergency						2023-01-11	ND															
5044117	Ops		577	E END AVE	Lead	Copper	PEX	Not Replaced	2018-06-13		SDWMR_2022_B	SDWMR_2022_B	Copper	Copper	PEX	Not Replaced	2024-04-16		No		Emergency						2018-06-13	157															
5047856	Ops		5024	BLAIR ST	Lead	Copper	PEX	Not Replaced	2018-06-22		SDWMR_2019	SDWMR_2019	PEX	Copper	PEX	Not Replaced	2021-03-29		No		Emergency						2018-06-24	4															
5051926	Ops	BLG_01	2412	BURHAM ST	Lead	Lead	PEX	Not Replaced	2018-09-27		SDWMR_2019	SDWMR_2019	PEX	Lead	PEX	Copper	2021-09-23	2021-09-23	Yes		Emergency						2021-09-24	ND															
5043748	Ops	BLG	420 1/2	E END AVE	Lead	Lead	PEX	Copper	2018-10-19	2019-02-04	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-04-10		Yes		Emergency						2019-02-05	3.76															
5043747	Ops	BLG	420	E END AVE	Lead	Lead	PEX	Copper	2018-10-19	2019-02-04	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-04-10		Yes		Emergency		2018-01-03	2019-01-23	11		2018-10-30	15.2		2019-02-05	16.8		2019-09-24	5.34							
5047825	Ops	BLG	5006	LYTLE ST	Lead	Lead	PEX	Copper	2018-11-09	2019-03-11	SDWMR_2019	SDWMR_2019	PEX	Copper	PEX	Not Replaced	2021-04-06		Yes		Emergency						2018-11-10	52.5		2019-02-08	6.69											
5029215	A09_09	A09_09	1101	PAULSON AVE	Lead	Lead	PEX	Copper	2018-11-27	2018-11-27	SDWMR_2020B	SDWMR_2020B	PEX	Copper	PEX	Not Replaced	2020-07-24		No								2018-12-03	ND															
5070409	A16_06	A16_06	1530	GARFIELD AVE	Lead	Copper	Copper	Not Replaced	2018-11-28		Garfield Ave Relay	Garfield Ave Relay	Copper	Copper	PEX	Not Replaced	2023-01-20		No				2018-10-31	2019-01-14	ND		2019-04-12	ND															
5070410	A16_06	A16_06	1528	GARFIELD AVE	Lead	Lead	Copper	Copper	2018-11-28	2018-11-28	Garfield Ave Relay	Garfield Ave Relay	Copper	Copper	PEX	Not Replaced	2023-01-20		No								2018-11-29	13.6															
5070427	A16_06	A16_06	1521	GARFIELD AVE	Lead	Lead	Copper	Copper	2018-11-30	2018-11-30	Garfield Ave Relay	Garfield Ave Relay	Copper	Copper	PEX	Not Replaced	2023-01-17		No								2018-12-10	ND															
5033323	Ops	BLG_01	7344	MONTICELLO ST	Lead	Copper	Copper	Not Replaced	2018-11-30		Fuchsia Way Sewer	Fuchsia Way Sewer	Copper	Copper	PEX	Not Replaced	2022-12-19		No		Emergency						2022-12-21	ND															
5070416	A16_06	A16_06	1512	GARFIELD AVE	Lead	Lead	Copper	Copper	2018-12-03	2018-12-03	Garfield Ave Relay	Garfield Ave Relay	Copper	Copper	PEX	Not Replaced	2023-01-16		No								2018-12-04	ND															
5026542	Ops	BLG_01	824	N SHERIDAN AVE	Lead	Lead	PEX	Copper	2018-12-08	2019-04-22	SDWMR_2020B	SDWMR_2020B	PEX	Copper	PEX	Not Replaced	2020-10-07		Yes		Emergency						2018-12-09	138		2018-12-04	7.2											
5063350	Ops		405	LORENZ AVE	Lead	Copper	PEX	Not Replaced	2018-12-19		SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-13		No		Emergency						2018-12-21	2019-04-29	1.53														
5026379	Ops	BLG_01	5816	WAYNE RD	Lead	Lead	PEX	Copper	2018-12-24	2019-05-28	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-06-08		Yes		Emergency						2018-12-26	ND															
5059744	CEP	CEP	326	MERIDAN ST	Lead	Lead	PEX	Copper	2019-01-04	2019-01-04	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-05-05		No								2019-01-07	6.03															
5063754	Ops	BLG_01	705	VALONIA ST	Lead	Lead	PEX	Not Replaced	2019-01-14		D04_02	D04_02	PEX	Lead	Not Replaced	Copper		2022-06-03	Yes		Emergency		2019-01-15	2019-01-22	5		2022-06-21	3.09															
5016701	Ops		4215	DUNKELD WAY	Lead	Copper	PEX	Not Replaced	2019-02-22		SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-06-03		No		Emergency						2019-02-22	7.47															
5040485	CEP	CEP	6835	MCPHERSON BLVD	Lead	Lead	Copper	Copper	2019-04-12	2019-04-12	McPherson Blvd Relay	McPherson Blvd Relay	Copper	Copper	PEX	Not Replaced	2022-08-17		No								2019-04-15	ND															
5053694	Ops		20	NUSSER ST	Lead	Copper	PEX	Not Replaced	2019-05-06		SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2020-09-25		No		Emergency						2019-09-06	2.74															
5045642	Ops	Urgent LSLR	830	GREENFIELD AVE	Lead	Lead	PEX	Copper	2019-06-10	2019-06-13	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-04-21		No	Yes	Emergency						2019-06-30	1.42															
5017042	CEP	CEP	4230	POST ST	Lead	Lead	PEX	Copper	2019-06-10	2019-06-10	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-06-23		No								2019-06-11	8.03															
5063087	CEP	CEP	1027	RUE GRANDE VUE ST	Lead	Lead	PEX	Copper	2019-06-25	2019-06-25	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-27		No	Yes							2019-10-23	5.23															
5063355	CEP	CEP	305	LORENZ AVE	Lead	Lead	PEX	Copper	2019-06-26	2019-06-26	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-11		No								2019-06-28	4.85															
5063390	CEP	CEP	1023	RUE GRANDE VUE ST	Lead	Lead	PEX	Copper	2019-07-08	2019-07-08	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-27		No								2019-07-16	9.35															
5029271	Ops	Urgent LSLR	6557	ROWAN ST	Lead	Lead	PEX	Copper	2019-07-16	2019-07-25	SDWMR_2020B	SDWMR_2020B	PEX	Copper	PEX	Not Replaced	2020-08-03		No	Yes	Emergency						2020-08-05	ND															
5032896	B04_09_B	B04_09_B	1408	N HOMEWOOD AVE	Lead	Lead	PEX	Copper	2019-07-25	2019-07-25	SDWMR_2020B	SDWMR_2020B	PEX	Copper	PEX	Not Replaced	2021-03-25		No								2019-08-06	ND															
5032895	B04_09_B	B04_09_B	1406	N HOMEWOOD AVE	Lead	Lead	PEX	Copper	2019-07-25	2019-07-25	SDWMR_2020B	SDWMR_2020B	PEX	Copper	PEX	Not Replaced	2021-03-30		No								2019-07-26	3.16															
5052061	CEP	CEP	1306	ELEANOR ST	Lead	Lead	PEX	Copper	2019-07-27	2019-07-27	SDWMR_2019	SDWMR_2019	PEX	Copper	PEX	Not Replaced	2021-06-10		No								2019-09-18	ND															
5056977	Ops	Urgent LSLR	608	INDUSTRY ST	Lead	Lead	PEX	Copper	2019-07-31	2019-08-08	SDWMR_2020A	SDWMR_2020A	Copper	Copper	PEX	Not Replaced	2020-07-09		No	Yes	Emergency						2019-08-10	3.05															
5033340	B04_09_B	B04_09_B	7305	RACE ST	Lead	Lead Tallpiece	PEX	Copper Tallpiece	2019-08-14	2019-08-14	Fuchsia Way Sewer	Fuchsia Way Sewer	PEX	Copper	PEX	Not Replaced	2022-09-07		No								2019-08-19	5.16															
5047855	CEP	CEP	5026	BLAIR ST	Lead	Lead	PEX	Copper	2019-08-23	2019-08-23	SDWMR_2019	SDWMR_2019	PEX	Copper	PEX	Not Replaced	2021-03-25		No								2019-08-25	3.93															
5054107	Wharton St Water Relay	Wharton St Water Relay	1927	WHARTON ST	Copper	Lead	PEX	Not Replaced	2019-08-28		D16_03	D16_03	PEX	Lead	Not Replaced	Copper		2023-03-27	Yes								2023-03-27	ND															
5033334	B04_09_B	B04_09_B	7317	RACE ST	Lead	Copper	PEX	Not Replaced	2019-08-28		Fuchsia Way Sewer	Fuchsia Way Sewer	PEX	Copper	PEX	Not Replaced	2022-09-07		No								2019-08-29	11.2															
5047516	CEP	CEP	326	HAZELWOOD AVE	Lead	Lead	PEX	Copper	2019-09-21	2019-09-16	SDWMR_2021_C	SDWMR_2021_C	PEX	Copper	PEX	Not Replaced	2023-04-18		No	Yes							2019-09-22	2.71															
5039566	B07_05_A	B07_05_A	6498	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-25	2019-09-25	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-02-19		No								2019-09-26	2.11															
5039570	B07_05_A	B07_05_A	6490	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-02-22		No								2019-11-17	ND															
5039567	B07_05_A	B07_05_A	6496	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-02-19		No								2019-10-07	5.44															
5039569	B07_05_A	B07_05_A	6492	MONITOR ST	Lead	Lead	PEX	Copper	2019-09-26	2019-09-26	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-02-17		No								2019-11-17	6.71															
5039568	B07_05_A	B07_05_A	6494	MONITOR ST	Lead	Lead	PEX	Copper	2019-10-01	2019-10-01	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-02-17		No								2019-10-06	9															
5017329	CEP	CEP	4570	CARROLL ST	Lead	Lead	PEX	Copper	2019-10-11	2019-10-11	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-05-31		No								2019-10-15	12.4															
5051933	CEP	CEP	2510	BURHAM ST	Lead	Lead Tallpiece	PEX	Copper Tallpiece	2019-10-14	2019-10-14	SDWMR_2019	SDWMR_2019	PEX	Copper	PEX	Not Replaced	2021-09-16		No								2019-10-24	3.28															
5039119	B07_05_A	B07_05_A	5892	BURCHFIELD AVE	Lead	Lead Tallpiece	PEX	Copper Tallpiece	2019-11-01	2019-11-01	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-03-03		No								2019-11-02	1.09															
5044145	CEP_02	CEP_02	7724	FORBES AVE	Lead	Copper	PEX	Not Replaced	2019-11-04		SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-29		No								2019-11-06	24.4		2020-02-10	ND											
5039121	B07_05_A	B07_05_A	2908	SHADY AVE	Lead	Lead	PEX	Copper	2019-11-06	2019-11-06	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-03-21		No								2021-04-04	ND															
5017063	Ops	Urgent LSLR	4210	POST ST	Lead	Lead	PEX	Copper	2019-12-10	2019-12-13	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-06-10		No	Yes	Emergency						2019-12-16	ND															
5031831	CEP_02	CEP_02	7162	LEMINGTON AVE	Lead	Copper	PEX	Not Replaced	2019-12-10		SDWMR_2020B	SDWMR_2020B	PEX	Copper	PEX	Not Replaced	2021-02-24		No								2019-12-11	ND															
5073640	B02_01_B	B02_01_B	129	MARSHALL AVE	Lead	Copper	PEX	Not Replaced	2019-12-16		Ops	Urgent LSLR	Copper	Lead	Not Replaced	Copper		2021-04-30	No			Emergency	2019-12-17	2020-01-08	4.59		2021-05-07	ND															
5055345	B06_03_B	B06_03_B	153	MONASTERY PL	Lead	Copper	PEX	Not Replaced	2020-01-08		SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2020-10-07		No								2020-01-11	30.1															
5051531	CEP_02	CEP_02	2322	SALISBURY ST	Lead	Lead	PEX	Copper	2020-01-15	2020-01-15	SDWMR_2019	SDWMR_2019	PEX	Copper	PEX	Not Replaced	2021-06-28		No								2020-01-19	12.2		2020-04-14	1.41											
5060808	B05_02_B	B05_02_B	474	WYOLA ST	Lead	Lead	PEX	Copper	2020-02-11	2020-02-11	SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-07-16		No								2020-02-13	ND															
5060807	B05_02_B	B05_02_B	506	WYOLA ST	Lead	Copper	PEX	Not Replaced	2020-02-11		SDWMR_2020A	SDWMR_2020A	PEX	Copper	PEX	Not Replaced	2021-07-28		No								2020-04-02	6.86															
5063195	Ops	Urgent LSLR	1032	VALONIA ST	Lead	Lead	PEX	Copper	2020-07-15	2020-07-16	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-04-24		No	Yes	Emergency						2020-07-17	1.67															
5025750	CEP_03	CEP_03	5624	JACKSON ST	Lead	Lead	PEX	Copper	2020-09-15	2020-09-15	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-07-06		No								2020-09-15	1.73															
5122127	CEP_03	CEP_03	139	CLARA STREET	Lead	Lead	PEX	Copper	2020-10-05	2020-10-05	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-01-16		No								2020-10-06	ND															
5063265	CEP_02	CEP_02	1025	UVILLA ST	Lead	Copper	PEX	Not Replaced	2020-10-05		SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-04-05		No								2020-10-06	4.11															
5002906	CEP_03	CEP_03	218	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2020-10-08	2020-10-08	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-12-06		No								2020-10-10	2.09															
5002905	CEP_03	CEP_03	216	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2020-10-08	2020-10-08	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-12-07		No								2020-10-10	4.44															
5003074	CEP_03	CEP_03	223	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2020-10-09	2020-10-09	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-12-20		No								2020-10-13	1.03															
5003075	CEP_03	CEP_03	221	CHESTERFIELD RD	Lead	Lead	PEX	Copper	2020-10-09	2020-10-09	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-12-20		No								2020-10-09	11.8															
5000754	CEP_03	CEP_03	2004	FORBES AVE	Copper	Lead	PEX	Copper	2020-10-21	2020-10-21	BRT	BRT	PEX	Copper	PEX	Not Replaced	2021-09-08		No								2020-12-28	ND															
5041001	CEP_03	CEP_03	7113	MEADE ST	Lead	Lead	PEX	Copper	2020-11-18	2020-11-18	SDWMR_2021_C	SDWMR_2021_C	PEX	Copper	PEX	Not Replaced	2022-09-09		No								2020-11-19	6.09															
5010781	Ops	Urgent LSLR	5021	CASTLEMAN ST	Lead	Lead	PEX	Copper	2020-12-04	2020-12-05	SDWMR_2021_C	SDWMR_2021_C	PEX	Copper	PEX	Not Replaced	2023-05-16		No	Yes	Emergency						2020-12-11	ND															
5048145	Ops		412	E ELIZABETH ST	Lead	Lead	Not Replaced	Not Replaced			CEP_03	CEP_03	Lead	Lead	PEX	Copper	2020-12-08	2020-12-08	No		Emergency						2021-04-12	ND															
5040425	CEP_03	CEP_03	6840	MCPHERSON BLVD	Lead	Lead	PEX	Copper	2020-12-18	2020-12-18	McPherson Blvd Relay	McPherson Blvd Relay	PEX	Copper	PEX	Not Replaced	2022-08-11		No								2020-12-19	ND															
5063250	CEP_03	CEP_03	512	LORENZ AVE	Lead	Copper	PEX	Not Replaced	2020-12-21		SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-03-08		No								2020-12-21	9.19															
5017037	Ops	Urgent LSLR	4215	POST ST	Lead	Lead	PEX	Copper	2021-01-09	2021-01-20	SDWMR_2021_B	SDWMR_2021_B	PEX	Copper	PEX	Not Replaced	2022-06-14		No	Yes	Emergency						2021-01-24	2.01															
5076667	B13_01_B	B13_01_B	2907	STAYTON ST	Copper	Copper	Not Replaced	Not Replaced			Ops	Urgent LSLR	Lead	Lead Tallpiece	PEX	Copper Tallpiece	2021-06-14	2021-07-06	No			Emergency					2021-07-13	ND															
5026815	SDWMR_2021_B	SDWMR_2021_B	5631	HAYS ST	PEX	Copper	PEX	Not Replaced	2022-04-29		Ops	Urgent LSLR	Lead	Lead	PEX	Copper	2021-09-29	2021-09-30	No			Emergency					2021-10-01	5.52															
5026816	SDWMR_2021_B	SDWMR_2021_B	5633	HAYS ST	PEX	Copper	PEX	Not Replaced	2022-04-29		Urgent LSLR	Urgent LSLR	Lead	Lead	PEX	Copper	2021-10-05	2021-10-05	No			Emergency					2021-12-14	12															
5006833	A06_06	A06_06	3337	MILWAUKEE ST	Copper	Lead	Not Replaced	Not Replaced			Urgent LSLR	Urgent LSLR	Copper	Lead	Not Replaced	Copper		2021-11-08	No			Emergency					2021-11-09	ND															
5019876	B20_07	B20_07	5220 1/2	CARNEGIE ST	PEX	Lead	Not Replaced	Not Replaced			Urgent LSLR	Urgent LSLR	Lead	Lead	PEX	Copper	2022-01-31	2022-01-31	No			Emergency					2022-10-26	ND															
5005544	CEP_02	CEP_02	701	MORGAN ST	Copper	Copper	Not Replaced	Not Replaced			Ops	Urgent LSLR	Lead	Lead	PEX	Copper	2022-02-18	2022-02-24	No	No		Emergency					2022-02-28	ND															
5028129	Ops		1110	DE VICTOR PL	Lead	Copper	PEX	Not Replaced	2022-03-31		Private Reimbursement								No		Emergency		2020-10-02	2020-10-12	1.78		2022-04-04	1.95															
5044149	Priority	Priority	594	CELERON ST	Lead	Lead	PEX	Copper	2022-04-07	2022-04-07	SDWMR_2022_B	SDWMR_2022_B	PEX	Copper	PEX	Not Replaced	2024-04-01		No								2022-04-13	2.45															
5073608	B02_01_B	B02_01_B	3106	VIOLA ST	Copper	Other	Not Replaced	Not Replaced			Urgent Water	Urgent Water	Lead	Lead	PEX	Copper	2022-04-20	2022-04-20	No			Emergency					2022-06-05	5.43															
5022269	B01_07	B01_07	1013	JANCEY ST	Copper	Lead	Not Replaced	Not Replaced			Priority	Priority	Copper	Lead	Not Replaced	Copper		2022-04-28	No								2022-04-29	ND															
5009736	B17_07_B	B17_07_B	3942	HOWLEY ST	Copper	Lead	Not Replaced	Not Replaced			Priority	Priority	Copper	Lead	Not Replaced	Copper		2022-05-23	No								2023-01-27	1.29															
5013405	B21_07	B21_07	4739	FRIENDSHIP AVE	Copper	Lead	Not Replaced	Not Replaced			Priority	Priority	Copper	Lead	Not Replaced	Copper		2022-05-31	No								2022-07-18	ND															
5038311	A

Appendix I- FR_III.1

FR III.1

FR-III.1

Pittsburgh Water & Sewer Authority
Operating Expenses by Account

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 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	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	2,885	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	35,046	3,902	9,357	14,440	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

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 9/30/2022
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	-	3,200	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 Hydrofluorosil 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	310,828	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
Operating Expenses by Account

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 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 Compressr 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 Debri 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	544,518	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	174,739	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	6,630	2,138	2,218	5,745	22,476	25,105	52,380	94,658	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
Operating Expenses by Account

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 9/30/2022
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	275,228.59
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	$ 275,229
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	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	31,490.56
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	2,648.95
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	78,217.92
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	$ 118,496
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	-	-	-	-	-	-	-	-	-	-	7,488
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	32,880.06
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)	(40,368)
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	229,462.23
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	124,035.48
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	7,649.89
6330 Keys & Locks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,673.64
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	7,595.51
6340 Machinery Misc	-	-	490	-	-	-	-	-	3,180	8,950	8,950	10,015	8,475	8,475	8,475	13,514	-	(4,771.02)	13,755.80
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	8,808.06
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	6,013.12
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	71,303.10
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	$ 470,297
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

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 9/30/2022
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
Operating Expenses by Account

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 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	-	-	-	-	-	-	-
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	30,411	36,490	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

FR-III.1

Pittsburgh Water & Sewer Authority
Operating Expenses by Account

Direct Operating Expenses	12 Months Ended 12/31/2015	12 Months Ended 12/31/2016	HTY 12 Months Ended 12/31/2017	12 Months Ended 12/31/2018	3 Months Ended 3/31/2019	6 Months Ended 6/30/2019	9 Months Ended 9/30/2019	12 Months Ended 12/31/2019	3 Months Ended 3/31/2020	6 Months Ended 6/30/2020	9 Months Ended 9/30/2020	12 Months Ended 12/31/2020	3 Months Ended 3/31/2021	6 Months Ended 6/30/2021	9 Months Ended 9/30/2021	12 Months Ended 12/31/2021	3 Months Ended 3/31/2022	6 Months Ended 6/30/2022	9 Months Ended 9/30/2022
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

Pittsburgh Water and Sewer Authority
FPFTY 2024 CCS & Rate Design Model
Future System Debt Service

Future Debt Service	W	WW	SW	FY 2024 Forecast	FY 2025 Forecast	FY 2026 Forecast	FY 2027 Forecast	FY 2028 Forecast	FY 2029 Forecast	FY 2030 Forecast	FY 2031 Forecast	FY 2032 Forecast	FY 2033 Forecast	FY 2034 Forecast	FY 2035 Forecast	FY 2036 Forecast	FY 2037 Forecast	FY 2038 Forecast	FY 2039 Forecast	FY 2040 Forecast	FY 2041 Forecast	FY 2042 Forecast	FY 2043 Forecast	FY 2044 Forecast	FY 2045 Forecast	FY 2046 Forecast	FY 2047 Forecast	FY 2048 Forecast	FY 2049 Forecast	FY 2050 Forecast	FY 2051
Revolving Line of Credit																															
Estimated Annual Interest Payment				$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	
Anticipated Bonds																															
Revenue Bonds																															
FY 2021 Short Term Loan	61%	19%	19%				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Placeholder	100%			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Placeholder	100%			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Placeholder	100%			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Placeholder	100%			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Revenue Bonds				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Subordinate Debt																															
WIFIA Loan #1	100%			$ 733,551	$ 989,362	$ 1,575,652	$ 2,067,098	$ 2,156,441	$ 2,238,065	$ 2,322,779	$ 3,636,036	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	$ 3,639,101	
Principal				-	-	-	-	-	-	-	1,225,336	1,251,960	1,298,909	1,347,618	1,398,153	1,450,584	1,504,981	1,561,418	1,619,971	1,680,720	1,743,747	1,809,137	1,876,980	1,947,367	2,020,393	2,096,158	2,174,764	2,256,317	2,340,929	2,428,714		
Interest				733,551	989,362	1,575,652	2,067,098	2,156,441	2,238,065	2,322,779	2,410,700	2,387,141	2,340,192	2,291,483	2,240,947	2,188,517	2,134,120	2,077,683	2,019,130	1,958,381	1,895,354	1,829,963	1,762,121	1,691,734	1,618,708	1,542,943	1,464,337	1,382,783	1,298,171	1,210,387		
WIFIA Loan #2	100%			-	$ 743,005	$ 1,651,123	$ 3,300,045	$ 4,673,571	$ 4,894,216	$ 5,091,942	$ 5,297,657	$ 8,020,184	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	$ 8,047,424	
Principal				-	-	-	-	-	-	-	-	2,508,502	2,581,511	2,684,772	2,792,162	2,903,849	3,020,003	3,140,803	3,266,435	3,397,093	3,532,976	3,674,295	3,821,267	3,974,118	4,133,082	4,298,406	4,470,342	4,649,156	4,835,122	5,028,527		
Interest				743,005	1,651,123	3,300,045	4,673,571	4,894,216	5,091,942	5,297,657	5,511,682	5,465,913	5,362,652	5,255,262	5,143,575	5,027,421	4,906,621	4,780,989	4,650,331	4,514,448	4,373,129	4,226,157	4,073,306	3,914,341	3,749,018	3,577,082	3,398,268	3,212,302	3,018,897		
WIFIA Loan #3	100%			-	-	$ 231,052	$ 570,400	$ 921,053	$ 1,212,266	$ 1,267,776	$ 1,318,994	$ 1,372,282	$ 2,091,842	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	$ 2,084,569	
Principal				-	-	-	-	-	-	-	-	-	664,120	669,276	696,048	723,889	752,845	782,959	814,277	846,848	880,722	915,951	952,589	990,693	1,030,320	1,071,533	1,114,395	1,158,970	1,205,329	1,253,542	
Interest						231,052	570,400	921,053	1,212,266	1,267,776	1,318,994	1,372,282	1,427,722	1,415,293	1,388,522	1,360,680	1,331,724	1,301,611	1,270,292	1,237,721	1,203,847	1,168,618	1,131,980	1,093,877	1,054,249	1,013,036	970,175	925,599	879,240	831,027		
Placeholder	100%			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Principal																															
Interest																															
Placeholder	100%			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Principal																															
Interest																															
Subtotal: Subordinate Debt				$ 733,551	$ 1,732,366	$ 3,457,828	$ 5,937,543	$ 7,751,064	$ 8,344,547	$ 8,682,498	$ 10,252,687	$ 13,031,566	$ 13,778,366	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	$ 13,771,094	
Subtotal: Anticipated Bonds				$ 3,733,551	$ 4,732,366	$ 6,457,828	$ 8,937,543	$ 10,751,064	$ 11,344,547	$ 11,682,498	$ 13,252,687	$ 16,031,566	$ 16,778,366	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	$ 16,771,094	

Forecasted Debt Service	Initial Amt.	Rate	Term	Cost	Premium	DSRF	Issue Amt	Allocations W	Allocations WW	Allocations SW	Allocations (For P&I) W	Allocations (For P&I) WW	Allocations (For P&I) SW
Revenue Bonds													
FY 2023	55,500,000				-	-	55,500,000	72.74%	17.16%	10.11%			
Principal											72.74%	17.16%	10.11%
Interest											72.74%	17.16%	10.11%
FY 2024	150,000,000	0.00%	0	0.00%	-	-	150,000,000	80.14%	9.42%	10.44%			
Principal											80.14%	9.42%	10.44%
Interest											80.14%	9.42%	10.44%
FY 2025	150,000,000	0.00%	0	0.00%	-	-	150,000,000	82.36%	7.55%	10.09%			
Principal											82.36%	7.55%	10.09%
Interest											82.36%	7.55%	10.09%
FY 2026	200,000,000	0.00%	0	0.00%	-	-	200,000,000	79.80%	11.73%	8.47%			
Principal											79.80%	11.73%	8.47%
Interest											79.80%	11.73%	8.47%
FY 2027	-	0.00%	0	0.00%	-	-	-	78.19%	14.66%	7.15%			
Principal											78.19%	14.66%	7.15%
Interest											78.19%	14.66%	7.15%
FY 2028	-	0.00%	0	0.00%	-	-	-	78.19%	14.66%	7.15%			
Principal											78.19%	14.66%	7.15%
Interest											78.19%	14.66%	7.15%
FY 2029	-	0.00%	0	0.00%	-	-	-	78.19%	14.66%	7.15%			
Principal											78.19%	14.66%	7.15%
Interest											78.19%	14.66%	7.15%
Subtotal: Revenue Bonds													
PENNVEST													
FY 2023		0.00%	0	0.00%	-			72.74%	17.16%	10.11%			
Water	$ 311,217,505												
Principal											72.74%	17.16%	10.11%
Interest											72.74%	17.16%	10.11%
Sewer	$ 100.956.410												
Principal													
Interest													
FY 2024		0.00%	20	0.00%	-	-		80.14%	9.42%	10.44%			
Principal											80.14%	9.42%	10.44%
Interest											80.14%	9.42%	10.44%
FY 2025		0.00%	20	0.00%	-	-		82.36%	7.55%	10.09%			
Principal											82.36%	7.55%	10.09%
Interest											82.36%	7.55%	10.09%
FY 2026		0.00%	20	0.00%	-	-		79.80%	11.73%	8.47%			
Principal													
Interest													
FY 2027		0.00%	20	0.00%	-	-		78.19%	14.66%	7.15%			
Principal													
Interest													
FY 2028		0.00%	20	0.00%	-	-		78.19%	14.66%	7.15%			
Principal													
Interest													
FY 2029		0.00%	20	0.00%	-	-		78.19%	14.66%	7.15%			
Principal													
Interest													
Subtotal: PENNVEST													

	FY 2024 Forecast	FY 2025 Forecast	FY 2026 Forecast	FY 2027 Forecast	FY 2028 Forecast	FY 2029 Forecast	FY 2030 Forecast	FY 2031 Forecast	FY 2032 Forecast	FY 2033 Forecast	FY 2034 Forecast	FY 2035 Forecast	FY 2036 Forecast	FY 2037 Forecast	FY 2038 Forecast	FY 2039 Forecast	FY 2040 Forecast	FY 2041 Forecast	FY 2042 Forecast	FY 2043 Forecast	FY 2044 Forecast	FY 2045 Forecast	FY 2046 Forecast	FY 2047 Forecast	FY 2048 Forecast	FY 2049 Forecast	FY 2050 Forecast	FY 2051
Total: Future Debt	$ 21.111.546	$ 43.479.678	$ 57.745.628	$ 65.978.755	$ 68.282.586	$ 68.876.069	$ 69.214.020	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	
Total by Utility																													
Water																													
Revolver Loan Interest	$ 2,404,266	$ 2,470,827	$ 2,394,094	$ 2,345,686	$ 2,345,686	$ 2,345,686	$ 2,345,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Revenue Bonds	9.692.885	17.149.991	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	26.784.022	
WIFIA	733.551	1.732.366	3.457.828	5.937.543	7.751.064	8.344.547	8.682.498	10.252.687	13.031.566	13.778.366	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	13.771.094	
PENNVEST	3.617.672	12.575.098	12.915.676	17.100.426	17.457.054	17.457.054	17.457.054	17.457.054	17.457.054	17.457.054	16.722.475	16.655.695	16.655.695	16.655.695	16.655.695	16.655.695	16.655.695	16.655.695	16.655.695	16.655.695	16.655.695	16.103.762	6.540.839	5.676.046	473.004	-	-	-	
Wastewater - Sewer																													
Revolver Loan Interest	$ 282.652	$ 226.395	$ 351.835	$ 439.681	$ 439.681	$ 439.681	$ 439.681	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Revenue Bonds	1.427.886	2.111.160	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	3.526.973	
WIFIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNVEST	853.431	2.966.541	3.046.886	4.034.094	4.118.224	4.118.224	4.118.224	4.118.224	4.118.224	4.118.224	3.944.933	3.929.179	3.929.179	3.929.179	3.929.179	3.929.179	3.929.179	3.929.179	3.929.179	3.929.179	3.929.179	3.798.974	1.543.023	1.339.013	111.584	-	-	-	
Wastewater - Stormwater																													
Revolver Loan Interest	$ 313.081	$ 302.778	$ 254.071	$ 214.634	$ 214.634	$ 214.634	$ 214.634	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Revenue Bonds	1.283.462	2.197.265	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	3.219.666	
WIFIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNVEST	502.660	1.747.256	1.794.577	2.376.030	2.425.582	2.425.582	2.425.582	2.425.582	2.425.582	2.425.582	2.323.516	2.314.237	2.314.237	2.314.237	2.314.237	2.314.237	2.314.237	2.314.237	2.314.237	2.314.237	2.237.548	908.821	788.662	65.722	-	-	-	-	
Total by Utility	$ 21.111.546	$ 43.479.678	$ 57.745.628	$ 65.978.755	$ 68.282.586	$ 68.876.069	$ 69.214.020	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	#######	

Appendix K- Capital Project Update

Project Name	Project Number	Commitment Rule	Potential Funding Source(s)	Company Name	Commitment Number	Commitment Type	Commitment Description	Commitment Status	Commitment Approved Date
2022 Small Diameter Water Main Replacement	2021-325-104-0	Controlled By Commitment Item	Capital Bond	MICHAEL BAKER, INC.	4500006596	Program Management	MBI Construction QA/QC	Approved	06.27.2024
Stewart Avenue Stormwater Improvements Project	2022-424-101-0	Controlled By Commitment Item	Capital Bond	AKRF, Inc.	4500006526	Stormwater Systems & GI	AKRF-S&GI-06	Approved	06.20.2024
New Headquarters and Operations Facility	2023-600-101-0	Controlled By Commitment Item	Capital Bond	AE7, LLC	4500006216	Other Services	AE7 - Operations Center and HQ Design and Construction	Approved	06.20.2024
2023 Small Diameter Water Main Replacement - Contract A1	2022-325-113-2	Controlled By Commitment Item	Capital Bond	ALLEGHENY COUNTY CONSERVATION DIST	4500006528	Other Services	Permit Fee for 2023 SDWMR - Elliott, West End, and Crafton Heights	Approved	06.20.2024
MLK Field Green / Stormwater Infrastructure Project	2019-GI-104-0	Controlled By Commitment Item	Capital Bond	CITY OF PITTSBURGH, TREASURER	4500006474	Other Services	Permit Extension Fee: Driveway Permit	Approved	06.12.2024
Aspinwall WTP Chemical Unloading Area Improvements and Underground Storage Tank Removal and Replacement	2022-322-100-0	Controlled By Commitment Item		Neumeyer Environmental Services, Inc	4500006450	General Contractor	Contractor - Neumeyer Environmental Services	Approved	06.07.2024
2024 Neighborhood Lead Service Line Replacement - Contract A	2024-200-105-0	Controlled By Commitment Item	PennVest Loans	MICHAEL BAKER, INC.	4500006449	Program Management	MBI Construction QA/QC	Approved	06.07.2024
Aspinwall Pump Station Improvements	2017-323-104-0	Controlled By Commitment Item	Capital Bond	MOTT MACDONALD	4500006442	Water Systems	MM-WTR-56	Approved	06.07.2024
Hydraulic Valve Replacement Program	2023-100-105-0	Controlled By Commitment Item	Capital Bond	CDM SMITH, INC.	4500006418	Water Systems	CDM-WTR-07	Approved	06.07.2024
2024 Neighborhood Lead Service Line Replacement - Contract A	2024-200-105-0	Controlled By Commitment Item	PennVest Loans	AECOM TECHNICAL SERVICES, INC.	4500006420	CM-CI	AECOM CM/CI Services	Approved	06.05.2024
2024 Neighborhood Lead Service Line Replacement - Contract A	2024-200-105-0	Controlled By Commitment Item	PennVest Loans	MOTT MACDONALD	4500006419	Program Management	MM - Program Management Services	Approved	06.05.2024
2024 Catch Basin and Inlet Replacement - A. Merante	2024-500-100-2	Controlled By Commitment Item		A. MERANTE CONTRACTING, INC.	4500006422	General Contractor	Contractor - A. Merante	Approved	06.05.2024
Interconnection Vault Stormwater Removal - Electrical	2022-325-102-1	Controlled By Commitment Item	Capital Bond	Sargent Electric Company	4500006352	General Contractor	Contractor - Sargent Electric	Approved	06.05.2024
2024 Catch Basin and Inlet Replacement - Independent	2024-500-100-1	Controlled By Commitment Item		INDEPENDENT ENTERPRISES INC	4500006423	General Contractor	Contractor - Independent Enterprises	Approved	06.04.2024
2024 Catch Basin and Inlet Replacement - A. Folino	2024-500-100-0	Controlled By Commitment Item	Capital Bond, PennVest Loans	A. FOLINO CONSTRUCTION, INC.	4500006421	General Contractor	Contractor - A. Folino	Approved	06.04.2024
2022 Small Diameter Water Main Replacement	2021-325-104-0	Controlled By Commitment Item	Capital Bond	TruePani Inc	4500006363	Other Services	TruePani Pitchers and Filters	Approved	05.30.2024
2022 Small Diameter Water Main Replacement	2021-325-104-0	Controlled By Commitment Item	Capital Bond	120 Water Audit, LLC	4500006377	Program Management	120 Water Sample Kits	Approved	05.30.2024
Lanpher Reservoir Booster Disinfection Improvements - Construction	2017-323-105-4	Controlled By Commitment Item	Capital Bond	H.R. Gray and Associates, Inc.	4500006323	CM-CI	HRG-CM-29	Approved	05.24.2024
Interconnection Vault Stormwater Removal	2022-325-102-0	Controlled By Commitment Item	Capital Bond	MICHAEL BAKER, INC.	4500006314	CM-CI	MBI-CM-24	Approved	05.24.2024
Herron Hill Reservoir Improvements	2019-323-100-0	Controlled By Commitment Item	Capital Bond	COMMONWEALTH OF PENNSYLVANIA C/O DEP (DEPT.ENVIRONMENTAL PROTEC.	4500006315	Other Services	PA DEP PWS Operation Permit - Sodium Hypochlorite Building	Approved	05.23.2024
Lanpher Reservoir Booster Disinfection Improvements - General/Mechanical	2017-323-105-5	Controlled By Commitment Item	Capital Bond	G.M. McCrossin, Inc	4500006294	General Contractor	PO-1 - G.M. McCrossin	Approved	05.20.2024
Bus Rapid Transit (BRT) Water Distribution Improvements	2020-325-102-0	Controlled By Commitment Item	Capital Bond	HATCH ASSOCIATES CONSULTANTS, INC.	4500006293	CM-CI	HT-CM-70	Approved	05.20.2024
2024 Large Diameter Main Replacement	2024-200-100-0	Controlled By Commitment Item	Capital Bond	HDR Engineering, Inc.	4500006266	Other Services	HDR Engineering - Design Engineering	Approved	05.17.2024
Water Treatment Plant 84-inch Diameter Line Rehabilitation Project	2023-100-106-1	Controlled By Commitment Item	Capital Bond	HDR Engineering, Inc.	4500006267	Water Systems	HDR-WTR-07	Approved	05.16.2024
Interconnection Vault Stormwater Removal	2022-325-102-0	Controlled By Commitment Item	Capital Bond	Mele & Mele & Sons, Inc.	4500006258	General Contractor	Contractor - Mele Mele & Sons	Approved	05.16.2024
Aspinwall Pump Station Improvements	2017-323-104-0	Controlled By Commitment Item	Capital Bond	TREASURER, CITY OF PITTSBURGH	4500006182	Other Services	ZDR Application Fee to City of Pittsburgh (PLI) for Aspinwall PS	Approved	05.03.2024

2019 Large Diameter Water Main Improvements (Rising Main 3 & 4)	2019-325-103-0	Controlled By Commitment Item	Capital Bond	HDR Engineering, Inc.	4500006107	Water Systems	HDR-WTR-06 - Paul Mourt	Approved	04.25.2024
2023 Large Diameter Sewer Rehabilitation	2022-424-110-0	Controlled By Commitment Item	PennVest Loans	RailPros Field Services, Inc.	4500006112	Other Services	License Fee to RailPros	Approved	04.25.2024
2023 Large Diameter Sewer Rehabilitation	2022-424-110-0	Controlled By Commitment Item	PennVest Loans	Henderson Brothers, Inc.	4500006082	Other Services	Henderson Bros. Ins Increase	Approved	04.24.2024
2024 Small Diameter Sewer - Contract 3	2024-400-103-2	Controlled By Commitment Item		MICHAEL BAKER, INC.	4500006062	CM-CI	MBI-CM-23	Approved	04.24.2024
2024 Sewer Reconstruction	2024-400-100-1	Controlled By Commitment Item	Capital Bond	INDEPENDENT ENTERPRISES INC	4500006063	General Contractor	Independent Enterprises - Contractor	Approved	04.23.2024
2024 Sewer Reconstruction	2024-400-100-1	Controlled By Commitment Item	Capital Bond	MOTT MACDONALD	4500006061	CM-CI	MM-CM-55	Approved	04.23.2024
2025 Small Diameter Sewer Rehabilitation - Contract 3	2025-400-103-2	Controlled By Commitment Item	PennVest Loans	GPD Group	4500006051	Wastewater Collections Systems	GPD-SWR-07	Approved	04.23.2024
Lanpher Reservoir Booster Disinfection Improvements - HVAC	2017-323-105-7	Controlled By Commitment Item	Capital Bond	WAYNE CROUSE	4500006073	General Contractor	Wayne Crouse - Contractor	Approved	04.23.2024
2025 Small Diameter Sewer Rehabilitation - Contract 2	2025-400-103-1	Controlled By Commitment Item	PennVest Loans	Johnson, Mirmiran, Thompson, Inc.	4500006052	Wastewater Collections Systems	JMT-SWR-43	Approved	04.23.2024
Lanpher Reservoir Booster Disinfection Improvements - Electrical	2017-323-105-6	Controlled By Commitment Item	Capital Bond	LANCO ELECTRIC, INC.	4500005985	General Contractor	Lanco Electric - Contractor	Approved	04.22.2024
Lanpher Reservoir Booster Disinfection Improvements - Plumbing	2017-323-105-8	Controlled By Commitment Item	Capital Bond	WAYNE CROUSE	4500005984	General Contractor	Wayne Crouse - Contractor	Approved	04.22.2024
3701 Fifth Ave PCoPF	2023-DEV-109-0	Controlled By Commitment Item	Capital Bond	AECOM TECHNICAL SERVICES, INC.	4500006001	CM-CI	AE-CM-26	Approved	04.18.2024
Herron Hill Reservoir Improvements: Sodium Hypochlorite Building - General	2019-323-100-1	Controlled By Commitment Item	Capital Bond	HATCH ASSOCIATES CONSULTANTS, INC.	4500005959	CM-CI	HT-CM-67	Approved	04.10.2024
WTP Chemical Building Storage Tank Improvements	2023-100-111-0	Controlled By Commitment Item	Capital Bond	COMMONWEALTH OF PENNSYLVANIA C/O DEP (DEPT.ENVIRONMENTAL PROTEC.	4500005964	Other Services	Ferric Tank PWS Permit Fee	Approved	04.09.2024
Bruecken Pump Station Improvements	2017-323-106-0	Controlled By Commitment Item	Capital Bond	TREASURER, CITY OF PITTSBURGH	4500005936	Other Services	ZDR Application fee	Approved	04.08.2024



The Pittsburgh Water and Sewer Authority

2023 – 2027 Capital Improvement Plan

Approved on October 28, 2022

BOARD OF DIRECTORS

Alex Sciulli, Chairperson

Erika Strassburger, Vice Chairperson

BJ Leber, Secretary and Treasurer

Michael L. Domach, Assistant Secretary/Treasurer

Dr. Audrey Murrell, Ph.D, Member

Rosamaria Cristello, Member

Mark Thomas, Member

Margaret (Peg) McCormick Barron, Member

EXECUTIVE LEADERSHIP

William J. Pickering, Chief Executive Officer

Jennifer Presutti, Chief Operating Officer & Chief Financial Officer

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

Logan Carmichael, Chief People & Culture Officer

Lee Haller, Chief Information & Performance Officer

Monica Walaan, Esquire, Chief Legal Officer

SENIOR LEADERSHIP

Julie Mechling, Director, Customer Service

Brittany Schacht, Deputy Director, Customer Service

Barry King, PE, Director, Engineering and Construction

Kate Mechler, PE, Deputy Director, Engineering and Construction

William McFaddin, Director, Operations

Joseph Tewell, Deputy Director, Operations

George Watson, Deputy Director, Water Production

Edward Barca, Director, Finance

Kevin Pawlos, Deputy Director, Finance

Timothy DiSalvio, Manager, Capital Budget

Jason Felser, Director, Information Technology

Pittsburgh Water & Sewer Authority

Table of Contents

Introduction **1**

Pennsylvania Public Utility Commission Oversight of the Authority **1**

Capital Improvement Program **1-3**

Historical and Forecasted Capital Expenditures **4**

2023-2027 Capital Improvement Program **5**

2023-2027 Project Summary **6-9**

Water Treatment Plant 11-38

Water Pumping and Storage 39-65

Water Distribution 66-93

Wastewater System 94-105

Stormwater 106-130

Miscellaneous 131-135

Introduction

The Pittsburgh Water and Sewer Authority ("**the Authority**" or "**the PWSA**") is a body corporate and politic organized and existing under the Act pursuant to Resolution No. 36 of the Council of the City of Pittsburgh (the "**City**"), duly enacted on February 6, 1984, approved by the Mayor on February 8, 1984, and effective February 16, 1984. The Secretary of the Commonwealth of Pennsylvania approved the Authority'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 the Authority 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 Authority to March 13, 2070 and to include stormwater systems.

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

The System provides water to approximately 75,000 customers or 84% of the total population in the geographic boundaries of the City. The Authority provides wastewater collection and transmission service to almost the entire City, estimated at 301,000 residents. The System does not include wastewater treatment facilities; such facilities are the responsibility of Allegheny County Sanitary Authority ("**ALCOSAN**"), a separate and distinct legal entity.

The Authority operates and maintains a 117 million gallon per day (MGD) rapid sand type water treatment plant, a 21 MGD microfiltration plant, approximately 964 miles of water mains, over 32,000 valves and fire hydrants, 1 raw water pump station, 10 finished water pump stations, 4 in-ground reservoirs, 10 storage tanks, approximately 1,220 miles of sanitary, storm and combined sewers, 29,500 manholes, 25,000 catch basins and inlets, 98 combined sewer overflow outfalls, 195 storm outfalls, and 4 wastewater pump stations.

Pennsylvania Public Utility Commission Oversight of the Authority

On December 21, 2017, the Pennsylvania legislature enacted Act 65 of 2017 ("**Act 65**"), placing the Authority 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 Authority in the same manner as a "public utility," resulting in regulation of the Authority'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 the Authority to impose, charge or collect rates or charges as necessary to permit the Authority to comply with its covenants with the holders of any bonds or other financial obligations of the Authority, and prohibits the PUC from requiring the Authority to take any action that would cause the interest on the Authority's financial obligations to be includible in gross income of the holders of such obligations for federal income tax purposes.

Capital Improvement Program

Overview

The PWSA's Capital Improvement Program (CIP) focuses on sustaining cost-effective operations, while optimizing the system's asset performance and life expectancy. The 2023-2027 Capital Improvement Program invests in programs which consider risk and consequence of asset failure and levels of service benefits.

Development and Approval Process

The PWSA's CIP process begins each year in May when project nominations are solicited from the entire organization. At the completion of the nomination period, the CIP Review Committee screens, evaluates and prioritizes the nominated projects to determine the projects that should be included in the CIP. 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 the

cost estimate. This process lasts several months and culminates with the presentation of the updated CIP to PWSA's Board of Directors. Projects that are not selected for execution at any stage will be re-assessed during the next year's CIP development process.

Capital Project Prioritization

Due to funding limitations and the need to renew/replacing a significant amount of aging infrastructure, the following criteria are used to evaluate and prioritize capital projects:

- Regulatory Compliance
- Safety
- Operating Efficiency
- Quality of Service
- Organizational Goals
- Social Impact

Funding Sources

The PWSA Capital Improvement Program 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), Distribution System Improvement Charge ("**DSIC**"), Water Infrastructure Finance and Innovation Act ("**WIFIA**"), Pennsylvania Infrastructure Investment Authority ("**PENNVEST**"), American Rescue Plan Act ("**ARPA**") and cost shares with other entities.

Capital Improvement Plan Organization

The 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.

THE REMINDER OF THIS PAGE WAS INTENTIONALLY LEFT BLANK

Project Information

The following information is provided for each project:

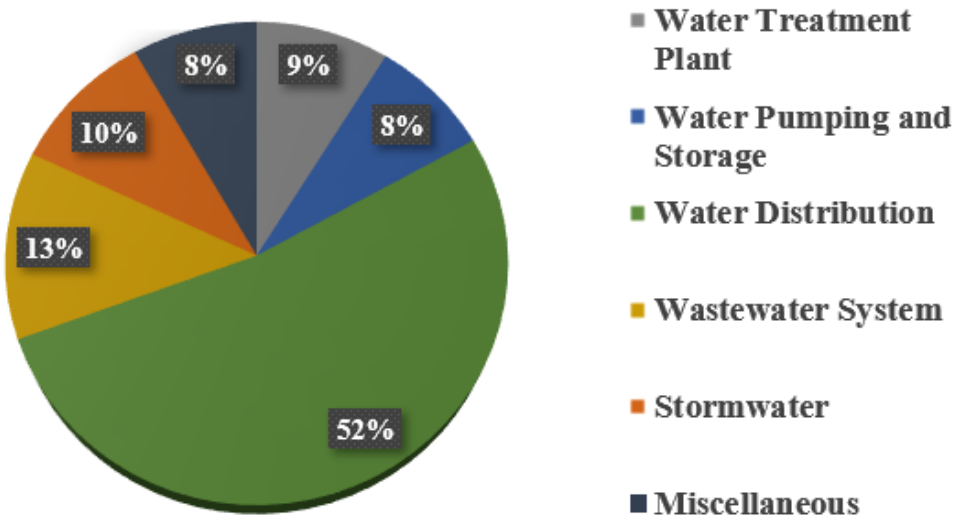
- ***Cash Flow Summary*** – Estimated five-year cash flow for the project.
- ***DSIC Eligibility*** – Determination of whether costs qualify under the Distribution System Improvement Charge.
- ***Funding Source(s)*** – Proposed funding source(s) for the project.
- ***Impact on Operations*** – Describes the anticipated impact to the PWSA's operations when the project is completed.
- ***Phase*** – Phase in the project life-cycle (i.e. assessment/design/construction).
- ***Priority*** – Criteria utilized to prioritize the project.
- ***Project Class*** – Type of project.
- ***Project Description*** - A basic understanding of the project's intent and scope of work.
- ***Project Justification*** - A detailed explanation to why the project is needed.
- ***Project Name*** – Descriptive name assigned to the project.
- ***Project Number*** – Unique number(s) assigned to track the project from inception to completion. This number is established once a project is approved.
- ***Risk(s)*** - Outlines the risk(s) to the PWSA if the project is delayed or is not selected.

THE REMINDER OF THIS PAGE WAS INTENTIONALLY LEFT BLANK

Historical and Forecasted Capital Expenditures

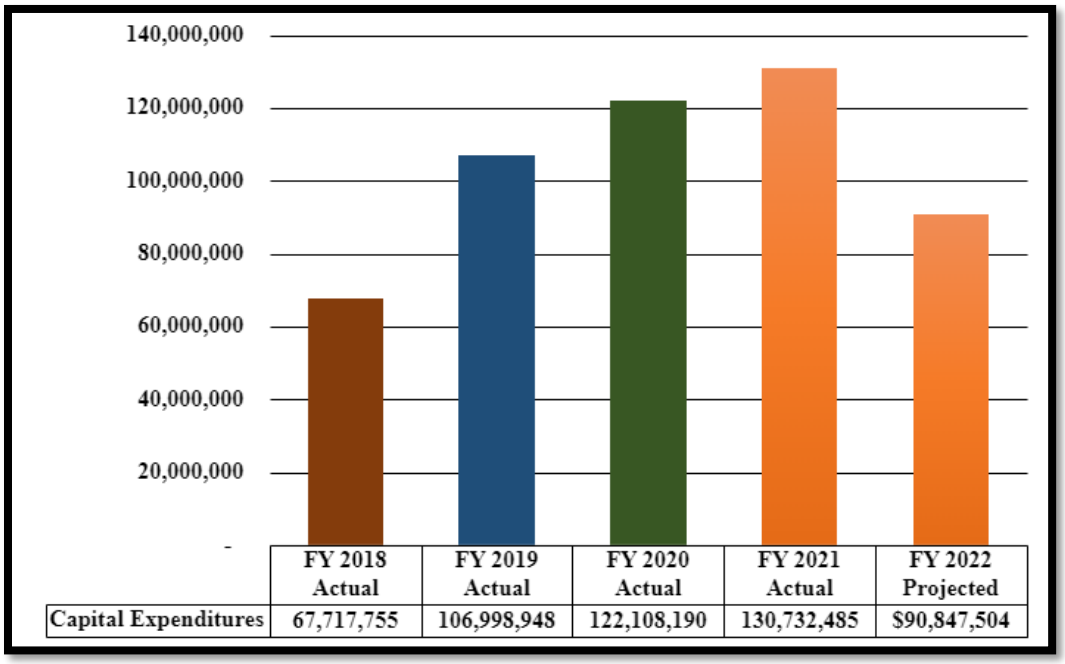
The figures below illustrate the historical capital expenditures by project class for FY 2018 – FY 2021 as well as the historical and forecasted capital expenditures for FY 2018 – FY 2021.

Figure 1. Historical Capital Expenditures by Project Class: FY 2018 – FY 2021



	FY 2018 - Actual	FY 2019 - Actual	FY 2020 - Actual	FY 2021 - Actual	Total
Water Treatment Plant	7,275,878	15,665,185	8,959,256	5,946,283	$ 37,846,602
Water Pumping and Storage	11,732,850	9,667,165	7,304,722	5,941,184	34,645,921
Water Distribution	27,185,518	55,588,889	64,838,953	76,722,470	224,335,829
Wastewater System	9,225,987	15,152,656	8,767,047	20,632,500	53,778,189
Stormwater	3,156,175	6,901,255	15,791,622	15,614,923	41,463,976
Miscellaneous	9,141,347	4,023,798	16,446,590	5,875,126	35,486,861
Total	**$ 67,717,755**	**106,998,948**	**122,108,190**	**130,732,485**	**$ 427,557,378**

Figure 2. Historical and Forecasted Capital Expenditures: FY 2018 – FY 2022



2023-2027 Capital Improvement Program

The figures below illustrate the proposed breakdown of the project classes, funding sources, and yearly cash flows for the 2023 to 2027 CIP.

Figure 3. Proposed Yearly Capital Cash Flow by Project Class

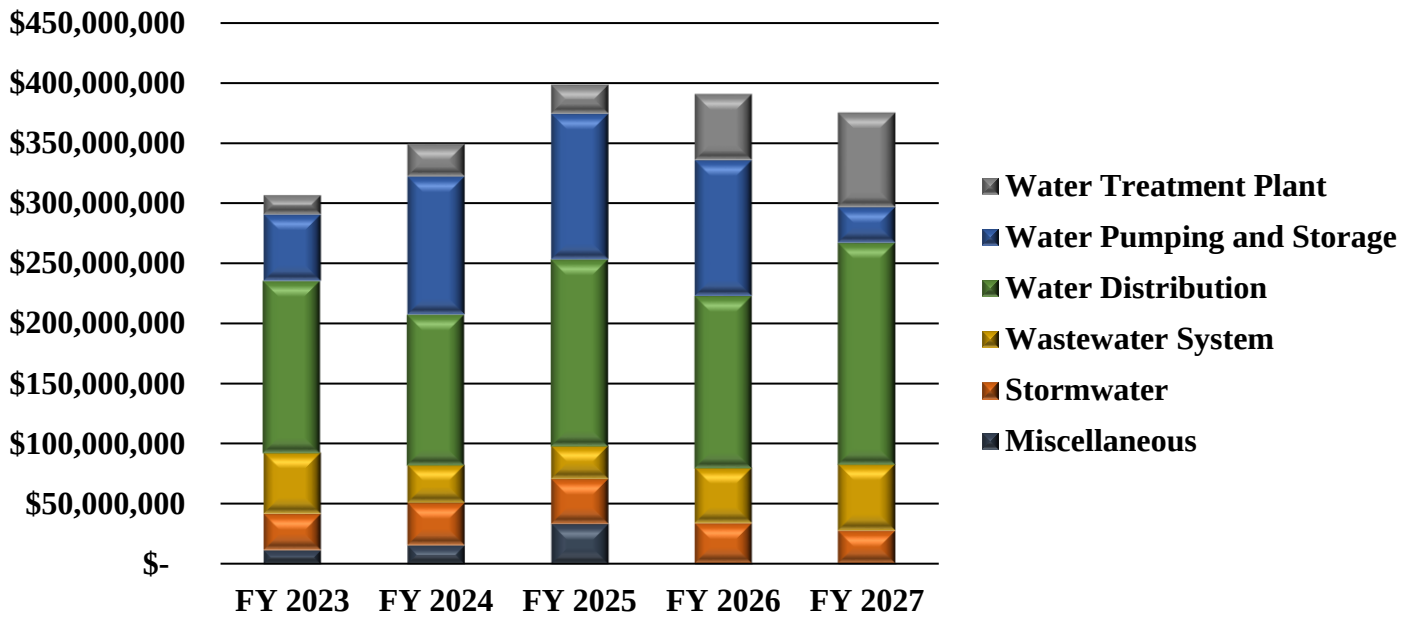


Figure 4. Capital Requirements

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
Water Treatment Plant	$ 16,030,211	26,885,665	24,038,988	54,790,691	78,451,718	$ 200,197,272
Water Pumping and Storage	55,304,597	115,127,475	121,491,637	113,245,473	30,009,851	435,179,033
Water Distribution	143,302,527	125,439,446	155,468,790	143,283,004	184,525,120	752,018,887
Wastewater System	50,634,240	31,442,487	27,579,779	45,751,309	54,918,077	210,325,892
Stormwater	29,822,932	34,827,423	36,884,821	33,038,424	26,808,750	161,382,350
Miscellaneous	11,439,316	15,500,000	33,000,000	500,000	500,000	60,939,316
Total Capital Requirements	**$ 306,533,823**	**349,222,497**	**398,464,014**	**390,608,900**	**375,213,516**	**$ 1,820,042,750**

Figure 5. Funding Sources

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
Debt (Revenue Bonds)	$ 122,335,310	150,214,517	203,743,270	236,469,077	316,179,204	$ 1,028,941,377
PENNVEST	127,409,339	97,299,382	86,216,706	47,511,528	10,020,526	368,457,481
WIFIA/PENNVEST	35,113,456	89,843,438	98,036,402	98,113,624	40,456,543	361,563,462
DSIC - Water	6,028,526	6,058,669	6,088,962	6,119,407	6,150,004	30,445,568
DSIC - Wastewater	2,359,691	2,371,490	2,383,347	2,395,264	2,407,240	11,917,032
ARPA	10,582,757	-	-	-	-	10,582,757
WIFIA	2,540,345	3,310,501	1,995,327	-	-	7,846,173
Cash (Rates)	164,400	124,500	-	-	-	288,900
Total Funding Sources	**$ 306,533,823**	**349,222,497**	**398,464,014**	**390,608,900**	**375,213,516**	**$ 1,820,042,750**



2023-2027 Project Summary

Page	Project Name	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget	Total
Project Class: Water Treatment Plant							
11	Algae Control for Open Basins	$360,000.00	$0.00	$0.00	$0.00	$0.00	$360,000.00
12	Aspinwall Water Treatment Plant Electrical and Backup Power Improvements	$0.00	$866,981.00	$1,087,515.00	$7,794,745.00	$14,874,582.00	$24,623,823.00
13	Aspinwall Water Treatment Plant Filter Improvements	$123,706.90	$164,942.53	$246,599.62	$1,208,045.99	$1,006,704.99	$2,750,000.02
14	Aspinwall Water Treatment Plant Filter Building Sodium Hypochlorite Improvements	$3,222,924.72	$0.00	$0.00	$0.00	$0.00	$3,222,924.72
15	Aspinwall Water Treatment Plant Raw Water Intakes - East Intake	$0.00	$465,000.00	$1,116,000.00	$756,000.00	$36,000.00	$2,373,000.00
16	Aspinwall Water Treatment Plant Raw Water Intakes - West Intake	$469,736.84	$1,127,368.42	$767,368.42	$5,747,368.42	$8,597,368.42	$16,709,210.53
17	Chemical Feed Modernization Project/Rapid Mix and Clarifier Improvements	$1,252,063.75	$2,789,028.23	$2,936,058.88	$16,350,331.00	$19,072,483.58	$42,399,965.45
18	Clearwell Emergency Response Project	$2,741,630.73	$7,408,660.00	$7,408,660.00	$7,408,660.00	$1,234,457.00	$26,202,067.73
19	Clearwell Improvements	$4,293,312.12	$2,448,008.62	$107,717.51	$107,717.51	$16,708,182.43	$23,664,938.19
20	Corrosion Control Chemical Storage & Feed Systems	$50,000.00	$0.00	$0.00	$0.00	$0.00	$50,000.00
21	Highland Park Membrane Filtration Plant Assessment and Critical Process Improvements	$150,000.00	$0.00	$0.00	$0.00	$0.00	$150,000.00
22	Highland Park Microfiltration Plant Improvements Project	$14,128.00	$0.00	$0.00	$0.00	$0.00	$14,128.00
23	Hydraulic Valve Replacement Program	$89,942.53	$302,298.85	$2,144,252.89	$713,505.75	$0.00	$3,250,000.02
24	Lime Slurry System Improvements	$756,079.00	$3,548,360.00	$1,182,787.00	$0.00	$0.00	$5,487,226.00
25	Overhead Crane Modernization	$0.00	$375,000.00	$440,000.00	$0.00	$0.00	$815,000.00
26	Phase 1 Sedimentation Basin Rehabilitation and Water Treatment Plant Gate Valve and 84-inch Coupling Project	$224,921.63	$299,895.51	$448,362.94	$2,196,447.25	$1,830,372.70	$5,000,000.03
27	Phase 2 Sedimentation Basin Rehabilitation Project	$0.00	$0.00	$0.00	$562,304.08	$749,738.77	$1,312,042.85
28	Post-Filter Chemical System Improvements	$0.00	$0.00	$0.00	$607,288.41	$809,717.87	$1,417,006.28
29	Powdered Activated Carbon System Improvements	$40,588.77	$0.00	$0.00	$0.00	$0.00	$40,588.77
30	Ross Pump Station	$0.00	$1,249,655.17	$2,499,310.34	$1,299,310.34	$13,232,110.34	$18,280,386.21
31	Sludge Chamber Pump Project	$386,721.63	$869,343.78	$0.00	$0.00	$0.00	$1,256,065.41
32	Water Treatment Plant Filter Backwash System Improvements	$740,054.00	$883,290.00	$2,996,022.00	$8,880,634.00	$0.00	$13,500,000.00
33	Water Treatment Plant Filter Building Roof	$0.00	$3,500,000.00	$0.00	$0.00	$0.00	$3,500,000.00
34	Water Treatment Plant HVAC Improvements	$0.00	$163,333.00	$358,333.00	$858,333.00	$0.00	$1,379,999.00
35	Water Treatment Plant NPDES Permit Autosamplers and Flow Meters	$164,400.00	$124,500.00	$0.00	$0.00	$0.00	$288,900.00
36	Water Treatment Plant Rail Siding Improvements	$800,000.00	$300,000.00	$300,000.00	$300,000.00	$300,000.00	$2,000,000.00
37	WTP Sodium Hypochlorite Tank Emergency Replacement	$150,000.00	$0.00	$0.00	$0.00	$0.00	$150,000.00
38	Water Treatment Plant Contingency	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total: Water Treatment Plant		**$16,030,210.63**	**$26,885,665.11**	**$24,038,987.61**	**$54,790,690.74**	**$78,451,718.12**	**$200,197,272.21**
Project Class: Water Pumping and Storage							
40	Aspinwall Pump Station Improvements	$4,748,965.78	$15,197,171.56	$15,197,171.56	$15,227,973.56	$2,548,262.93	$52,919,545.37
41	Aspinwall Pump Station to Lanpher Reservoir Rising Main	$2,147,166.98	$29,622,031.14	$44,331,726.56	$44,331,726.56	$14,777,242.19	$135,209,893.42
42	Aspinwall WTP Chemical Unloading Area Improvements, Underground Storage Tank Removal & Replacement	$1,352,161.22	$0.00	$0.00	$0.00	$0.00	$1,352,161.22
43	Bruecken Pump Station Concealed Gutters	$0.00	$175,000.00	$0.00	$0.00	$0.00	$175,000.00
44	Bruecken Pump Station Improvements	$8,653,054.00	$30,991,126.00	$30,991,126.00	$31,037,546.00	$5,188,398.00	$106,861,250.00
45	Chlorine Booster Station Improvements	$311,268.79	$6,436,147.83	$7,007,549.12	$583,962.43	$0.00	$14,338,928.16
46	Disinfection By-Products Mitigation	$5,183,170.61	$1,426,705.77	$0.00	$0.00	$0.00	$6,609,876.38
47	Garfield Tank Improvements	$0.00	$122,198.00	$244,397.00	$314,224.00	$2,246,121.00	$2,926,940.00
48	Herron Hill Pump Station Improvements	$409,195.41	$818,390.81	$496,551.73	$12,275,862.15	$0.00	$14,000,000.09
49	Herron Hill Reservoir Improvements	$198,631.00	$0.00	$0.00	$0.00	$0.00	$198,631.00
50	Herron Hill Reservoir Improvements - Sodium Hypochlorite Building	$828,429.11	$0.00	$0.00	$0.00	$0.00	$828,429.11
51	Herron Hill Tank Pump Station Improvements	$0.00	$164,077.30	$195,528.61	$1,320,197.05	$1,320,197.05	$3,000,000.02
52	Highland 1 Reservoir Liner	$0.00	$0.00	$0.00	$704,981.00	$0.00	$704,981.00
53	Highland No. 2 Reservoir Liner and Cover Replacements	$2,122,235.00	$6,515,354.50	$4,072,096.57	$0.00	$0.00	$12,709,686.07
54	Highland Reservoir Pump Station and Rising Main	$23,789,287.16	$14,537,145.09	$8,983,409.85	$0.00	$0.00	$47,309,842.10
55	Howard Pump Station Improvements	$0.00	$0.00	$577,266.93	$1,154,533.85	$694,763.73	$2,426,564.51
56	Inline Pump Station (Coral and Pacific) Improvements	$0.00	$32,979.66	$39,434.13	$264,367.82	$263,218.39	$600,000.00

Project Class: Water Pumping and Storage Cont.							
57	Lanpher Reservoir Improvements	$2,778,963.09	$6,370,326.38	$3,716,023.72	$0.00	$0.00	$12,865,313.19
58	Lincoln Pump Station Improvements	$288,633.46	$288,633.46	$1,258,748.41	$2,109,323.13	$1,054,661.57	$5,000,000.03
59	Lincoln Pump Station: Bypass Pump Station Project	$2,155,907.00	$2,164,264.00	$0.00	$0.00	$0.00	$4,320,171.00
60	Lincoln Tank Improvements	$337,528.74	$203,588.76	$3,680,670.52	$0.00	$0.00	$4,221,788.02
61	Mission Pump Station Improvements	$0.00	$0.00	$577,267.00	$1,154,534.00	$694,764.00	$2,426,565.00
62	Pump Station Architectural	$0.00	$0.00	$0.00	$2,500,000.00	$0.00	$2,500,000.00
63	Saline Pump Station Improvements	$0.00	$0.00	$0.00	$192,422.00	$288,633.00	$481,055.00
64	Spring Hill Tank Improvements	$0.00	$62,335.00	$122,669.00	$73,819.00	$933,589.00	$1,192,412.00
65	Water Pumping and Storage Contingency	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total: Water Pumping and Storage		**$55,304,597.34**	**$115,127,475.27**	**$121,491,636.70**	**$113,245,472.55**	**$30,009,850.86**	**$435,179,032.71**
Project Class: Water Distribution							
67	2019 Large Diameter Water Main Improvements - Rising Main 3/4	$3,062,142.13	$240,769.90	$0.00	$0.00	$0.00	$3,302,912.04
68	2019 Large Diameter Water Main Improvements - Rising Main 4	$12,529,326.00	$4,176,441.00	$0.00	$0.00	$0.00	$16,705,767.00
69	Bus Rapid Transit Water Distribution	$1,500,000.00	$0.00	$0.00	$0.00	$0.00	$1,500,000.00
70	District Metering Program	$0.00	$0.00	$2,600,000.02	$3,380,000.02	$3,380,000.02	$9,360,000.06
71	Hazelwood Backup Feed (formerly Duck Hollow Main Replacement)	$175,156.10	$175,156.10	$1,115,470.61	$1,534,487.21	$0.00	$3,000,270.02
72	Herron Hill - Squirrel Hill Boundary Adjustments	$0.00	$0.00	$52,928.57	$355,186.81	$635,884.62	$1,044,000.00
73	Interconnection Vault Stormwater Removal	$453,007.96	$1,225,931.03	$611,310.34	$0.00	$0.00	$2,290,249.34
74	Intermediate Diameter Water Main Replacement Program	$0.00	$0.00	$2,603,833.08	$4,488,230.43	$42,775,187.01	$49,867,250.52
75	Intermediate Meter Replacement Program	$143,076.92	$84,307.69	$86,538.46	$87,000.00	$87,000.00	$487,923.08
76	Large Diameter Water Main Replacement Program	$2,980,665.80	$4,820,095.96	$23,316,701.96	$38,087,876.89	$33,256,579.29	$102,461,919.89
77	Large Meter Replacement Program	$1,557,508.32	$1,341,456.69	$567,307.69	$337,000.00	$337,000.00	$4,140,272.71
78	Low Pressure Area Remediation	$0.00	$0.00	$23,277.57	$279,330.90	$1,393,833.02	$1,696,441.49
79	Neighborhood Lead Service Line Replacement Program	$13,582,757.48	$27,792,500.00	$55,585,000.00	$27,792,500.00	$0.00	$124,752,757.48
80	North Side Boundary Adjustments	$0.00	$0.00	$79,392.86	$532,780.22	$953,826.92	$1,566,000.00
81	Priority LSLR	$3,000,000.00	$0.00	$0.00	$0.00	$0.00	$3,000,000.00
82	Private Lead Service Line Reimbursement	$400,000.00	$0.00	$0.00	$0.00	$0.00	$400,000.00
83	Regulator Valve and Vault Replacement Program	$378,494.08	$1,839,360.70	$3,446,738.96	$4,173,179.80	$3,439,080.48	$13,276,854.01
84	Small Diameter Water Main Replacement Program	$83,515,128.68	$75,057,893.92	$57,763,375.00	$53,807,131.41	$89,408,775.74	$359,552,304.75
85	Small Meter Replacement Program	$1,723,171.54	$1,351,089.38	$480,769.23	$250,000.00	$291,667.00	$4,096,697.15
86	South Side Slopes Boundary Adjustments	$0.00	$0.00	$79,392.86	$532,780.22	$953,826.92	$1,566,000.00
87	Unmetered and Flat Rate Properties	$327,250.00	$635,250.00	$0.00	$0.00	$0.00	$962,500.00
88	Urgent Lead Service Line Replacement	$1,778,653.60	$1,749,194.10	$1,670,085.73	$1,590,751.08	$1,246,677.20	$8,035,361.70
89	Valve Replacement Program	$2,505,485.32	$2,800,000.00	$2,674,358.97	$2,800,000.00	$2,925,641.03	$13,705,485.32
90	Water and Wastewater Safety and Security Improvements	$1,567,547.00	$0.00	$0.00	$0.00	$0.00	$1,567,547.00
91	Water and Wastewater Safety and Security Improvements (Pennvest)	$9,978,156.00	$0.00	$0.00	$0.00	$0.00	$9,978,156.00
92	Water Relay Program	$2,145,000.00	$2,150,000.00	$2,712,307.69	$3,254,769.23	$3,440,140.58	$13,702,217.50
93	Water Distribution Contingency	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total: Water Distribution		**$143,302,526.93**	**$125,439,446.48**	**$155,468,789.61**	**$143,283,004.22**	**$184,525,119.82**	**$752,018,887.06**
Project Class: Wastewater System							
95	31st Ward Pump Station and Appurtenances - Phase 2	$958,333.00	$726,666.67	$613,666.67	$7,447,000.00	$7,447,000.00	$17,192,666.33
96	6122 and 6150 Mifflin Road Demolition	$50,000.00	$0.00	$0.00	$0.00	$0.00	$50,000.00
97	Browns Hill Road Sewer Pump Station Replacement	$432,000.00	$1,608,000.00	$1,880,000.00	$0.00	$0.00	$3,920,000.00
98	Large Diameter Sewer Rehabilitation Program	$12,774,486.37	$2,997,238.10	$4,266,000.00	$4,897,000.00	$4,957,000.00	$29,891,724.46
99	M-29 Outfall Improvements	$250,000.00	$0.00	$0.00	$0.00	$0.00	$250,000.00
100	Maytide Storm and Sanitary Sewer System Improvements	$118,026.95	$4,026,497.00	$1,957,785.00	$0.00	$0.00	$6,102,308.95
101	Queenston Sewer Improvements	$2,210,550.00	$243,203.00	$0.00	$0.00	$0.00	$2,453,753.00
102	Sewer Reconstruction Program	$2,691,769.00	$1,810,000.00	$1,810,000.00	$1,886,458.21	$2,701,329.79	$10,899,557.00
103	Sewers Under Structures Program	$6,786,029.94	$2,373,663.24	$2,422,730.16	$3,530,382.94	$3,386,507.35	$18,499,313.62
104	Small Diameter Sewer Rehabilitation Program	$24,363,045.00	$17,657,219.00	$14,629,597.00	$27,990,467.53	$36,426,240.26	$121,066,568.79
105	Wastewater Contingency	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total: Wastewater System		**$50,634,240.26**	**$31,442,487.00**	**$27,579,778.83**	**$45,751,308.67**	**$54,918,077.41**	**$210,325,892.16**

Project Class: Stormwater							
107	Braywood Stormwater Improvements	$434,625.00	$439,375.00	$0.00	$0.00	$0.00	$874,000.00
108	Bus Rapid Transit Phase 2	$0.00	$500,000.00	$500,000.00	$500,000.00	$0.00	$1,500,000.00
109	Bus Rapid Transit Stormwater Infrastructure Improvements	$71,382.00	$785,634.29	$703,637.86	$0.00	$0.00	$1,560,654.15
110	Catch Basin and Inlet Replacement Program	$11,539,876.64	$16,007,303.03	$14,436,109.17	$14,867,220.83	$15,308,750.00	$72,159,259.67
111	Dragoon Way Stormwater Improvements	$983,000.00	$95,625.00	$0.00	$0.00	$0.00	$1,078,625.00
112	Fleury Way Stormwater Infrastructure Improvements	$476,212.00	$0.00	$0.00	$0.00	$0.00	$476,212.00
113	Four Mile Run Stormwater Infrastructure Improvements	$645,557.00	$4,500,108.00	$8,723,924.00	$6,171,203.00	$0.00	$20,040,792.00
114	Haverhill Street Improvements Project	$1,003,900.00	$104,500.00	$0.00	$0.00	$0.00	$1,108,400.00
115	Lawn and Ophelia	$203,741.00	$0.00	$0.00	$0.00	$0.00	$203,741.00
116	Martin Luther King Field Stormwater Infrastructure Improvements	$3,096,867.00	$1,324,108.00	$0.00	$0.00	$0.00	$4,420,975.00
117	Maryland Avenue Stormwater Infrastructure Improvements	$6,925.00	$0.00	$0.00	$0.00	$0.00	$6,925.00
118	MS4 Permit PRP Plan Sediment Reduction Project	$173,000.00	$605,000.00	$307,500.00	$0.00	$0.00	$1,085,500.00
119	Saw Mill Run Municipal Separate Storm Sewer System Compliance	$0.00	$0.00	$500,000.00	$1,500,000.00	$1,500,000.00	$3,500,000.00
120	Saw Mill Run Watershed Improvements	$850,000.00	$150,000.00	$0.00	$0.00	$0.00	$1,000,000.00
121	Southside Flats Sewer Separation	$3,327,529.00	$2,232,587.00	$0.00	$0.00	$0.00	$5,560,116.00
122	Southside Stormwater Infrastructure Improvements	$2,029,140.00	$2,703,667.00	$0.00	$0.00	$0.00	$4,732,807.00
123	Stewart Avenue Stormwater Infrastructure Project	$1,400,000.00	$1,515,389.00	$894,444.00	$0.00	$0.00	$3,809,833.00
124	Thomas and McPherson Stormwater Infrastructure Improvements	$854,905.13	$0.00	$0.00	$0.00	$0.00	$854,905.13
125	Volunteer's Field Stormwater Infrastructure Improvements	$413,125.42	$0.00	$0.00	$0.00	$0.00	$413,125.42
126	Wet Weather Program Projects	$500,000.00	$2,500,000.00	$10,000,000.00	$10,000,000.00	$10,000,000.00	$33,000,000.00
127	Wightman Park Phase 2 Project	$182,166.00	$0.00	$0.00	$0.00	$0.00	$182,166.00
128	Woodland Road Stormwater Infrastructure Improvements	$245,256.31	$0.00	$0.00	$0.00	$0.00	$245,256.31
129	Woods Run Stream Removal Stormwater Infrastructure Improvements	$1,385,724.66	$1,364,127.00	$819,206.00	$0.00	$0.00	$3,569,057.66
130	Stormwater Contingency	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total: Stormwater		**$29,822,932.16**	**$34,827,423.32**	**$36,884,821.02**	**$33,038,423.83**	**$26,808,750.00**	**$161,382,350.34**
Project Class: Miscellaneous							
132	2023 Capital Project Reclassification	$8,639,316.00	$0.00	$0.00	$0.00	$0.00	$8,639,316.00
133	New Headquarters and Operations Facility	$2,500,000.00	$15,000,000.00	$32,500,000.00	$0.00	$0.00	$50,000,000.00
134	Utility Cost Shares	$300,000.00	$500,000.00	$500,000.00	$500,000.00	$500,000.00	$2,300,000.00
135	Miscellaneous Contingency	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total: Miscellaneous		**$11,439,316.00**	**$15,500,000.00**	**$33,000,000.00**	**$500,000.00**	**$500,000.00**	**$60,939,316.00**



Water Treatment Plant

Algae Control for Open Basins

PROJECT NUMBER: 2023-100-100-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Installation of up to 5 ultrasonic buoys in the Sedimentation Basin and Highland 1 Reservoir (open basins) to provide non-chemical control of algae growth in these waters exposed to sunlight. Installation includes solar powered buoy, anchor system, associated instrumentation, and remote monitoring service.

PROJECT JUSTIFICATION:
Open reservoirs subject to sunlight allow for the growth of algae starting in early spring through late fall. Algae can impact water production operations by increasing total organic carbon in the water and physically fouling downstream filters.

RISK(S):
Buoys require maintenance including removal in the winter to avoid ice damage. Instruments require infrequent maintenance.

IMPACT ON OPERATIONS:
Reduced chemical usage at Highland 1 for treating reservoir and reduced filter backwashed water requirements at Aspinwall Pump Station.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$360,000**	**$0**	**$0**	**$0**	**$0**	**$360,000**	**Debt (Revenue Bonds)**

Aspinwall Water Treatment Plant Electrical and Backup Power Improvements

PROJECT NUMBER: 2017-322-100-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Improvements to electrical systems at the Water Treatment Plant, including provisions for stand-by or backup power systems, upgrades to existing electrical distribution system, replacement of motor control centers, and associated panels, conduit, wiring, and systems.

PROJECT JUSTIFICATION:
Electrical systems at the Water Treatment Plant have generally met the end of their useful lives and spare/replacement parts are unavailable.

RISK(S):
Electrical power is critical to maintain pumping and treatment of water. Failure of these systems will result in the inability to produce water to meet demand and/or quality requirements.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$866,981	$1,087,515	$7,794,745	$14,874,582	$24,623,823	Debt (Revenue Bonds)

Aspinwall Water Treatment Plant Filter Improvements

PROJECT NUMBER: 2023-100-101-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Improvements for filters at the Water Treatment Plant to address various recommendations from regulatory agencies including safety issues, improve process control, and monitoring. Project components including providing hand railing around filter basins to facilitate operator inspections, adding components to allow safer performance of required quarterly monitoring and cell entry, moving IFE turbidimeters to locate them within 10 feet of sample points, addressing structural issues, and other electrical and safety updates.

PROJECT JUSTIFICATION:
To meet industry standards and regulatory recommendations, turbidimeters should be located not more than 10 feet away from the sample taps. Currently, meters are located up to 30 feet away, reducing meter response time and data accuracy. Structural deficiencies in the floor and beams of the filter building have been observed as evidenced by cracks and water leakage.

RISK(S):
Violations of permit conditions as a result of turbidimeter locations and sample travel time. Safety and compliance issues with not accessing filter cells for observation during backwash and quarterly/annual inspections. Not properly assessing and repairing areas of structural deficiencies could lead to catastrophic failure. Foundation sagging in the filter building could result in excessive leakage or inability to produce filtered water.

IMPACT ON OPERATIONS:
Relocation of turbidimeters will shorten tubing distance between meter and sample point. Tubing is an annual replacement item, so less distance results in less time and material for replacement. Repair of structure deficiencies will result in less water leakage and maintain the integrity of the facility to reduce operational repairs and water in storage areas.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$123,707	$164,943	$246,600	$1,208,045	$1,006,705	$2,750,000	Debt (Revenue Bonds)

Aspinwall Water Treatment Plant Filter Building Sodium Hypochlorite Improvements

PROJECT NUMBER: 2017-322-101-8 / 9 / 10 / 11
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
General and mechanical work will include demolition, new filling station, 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 air handling unit, condensing unit, exhaust system and ductwork. Plumbing work will include new water service lines inside building, furnishing and installing eyewash stations, hot water units, sanitary drain modifications and 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 JUSTIFICATION:
To increase storage of sodium hypochlorite solution as required by PADEP and enhance the operational safety and efficiency of the system.

RISK(S):
Not meeting requirements of PADEP if project not completed.

IMPACT ON OPERATIONS:
Operating budget will likely decrease due to efficiencies.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$3,222,925	$0	$0	$0	$0	$3,222,925	Debt (Revenue Bonds)

Aspinwall Water Treatment Plant Raw Water Intakes - West Intake

PROJECT NUMBER: 2018-322-100-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory, Quality of Service

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 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 reach the end of their useful life and need 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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$469,737**	**$1,127,368**	**$767,368**	**$5,747,368**	**$8,597,368**	**$16,709,209**	**Debt (Revenue Bonds)**

Aspinwall Water Treatment Plant Raw Water Intakes - East Intake

PROJECT NUMBER: 2023-100-102-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory, Quality of Service

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 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):
Only one gate is operational. Failure of the East Gate would result in a major disruption to the supply of water for the City of Pittsburgh.

IMPACT ON OPERATIONS:
Modernization of systems will require less time spent in operations and maintenance of these facilities.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$465,000	$1,116,000	$756,000	$36,000	$2,373,000	Debt (Revenue Bonds)

Chemical Feed Modernization Project/Rapid Mix and Clarifier Improvements

PROJECT NUMBER: 2023-100-103-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Upgrade of chemical feed systems (equipment, storage, instrumentation, and injection points) to meet current regulatory requirements, improve chemical application, and optimize the water treatment process. Upgrades include ferric chloride, potassium permanganate, and other chemical systems located in the chemical building and possible construction of a new chemical building or repurposing of existing facilities. Assess, design, and construct repairs to structural defects associated with settlement with the pipe bridge between the Chemical Building and Screen Room.

PROJECT JUSTIFICATION:
Chemical feed improvements will address recommendations from both consultants and regulatory agencies. The lack of attention to the pretreatment chemical feed systems could cause over/under dosing of chemicals leading to permit violations or the loss of a chemical system resulting in an emergency project.

RISK(S):
Not addressing these recommendations will put the PWSA at risk for permit violations and failures at the Water Treatment Plant.

IMPACT ON OPERATIONS:
Optimization and flow/residual pacing of chemicals can result in reduced chemical consumption. New storage and chemical feed equipment will result in reduced maintenance costs associated with repairs on the existing pumps, maintaining storage bins and feeders. Improvements to SCADA system and flow/residual pacing will reduce manual adjustments to chemical feed systems.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$1,252,064**	**$2,789,028**	**$2,936,059**	**$16,350,331**	**$19,072,484**	**$42,399,966**	**Debt (Revenue Bonds)**

Clearwell Emergency Response Project

PROJECT NUMBER: 2017-323-100-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Long-term bypass of the existing 100 + year old clearwell (finished water structure) including the construction of pump wetwells at the Aspinwall and Bruecken Pump Stations, modifications to the clearwell inlet and outlet gate house, and the construction of a bypass line around the clearwell to the outlet gate house.

PROJECT JUSTIFICATION:
The clearwell was constructed in 1908 and has not undergone any major modifications or upgrades since. The clearwell has two main functions: providing equalization storage that allows the filters to operate independently of potential fluctuations in system demands and providing sufficient contact time for disinfection agents to meet the requirements of the Surface Water Treatment Rule and Long-Term 2 Enhanced Surface Water Treatment Rule. In order to replace the clearwell, a long-term bypass is required in order to provide adequate suction pressure for the pump stations.

RISK(S):
Failure of the Clearwell would cause a disruption to the supply of water.

IMPACT ON OPERATIONS:
Ability to meet system reliability and water quality regulations.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$2,741,631**	**$7,408,660**	**$7,408,660**	**$7,408,660**	**$1,234,457**	**$26,202,068**	**Debt (Revenue Bonds)**

Clearwell Improvements

PROJECT NUMBER: 2023-100-104-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

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

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 disruption to the supply of water.

IMPACT ON OPERATIONS:
Ability to meet system reliability and water quality regulations.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$4,293,312	$2,448,009	$107,718	$107,718	$16,708,181	$23,664,938	Debt (Revenue Bonds)

Corrosion Control Chemical Storage & Feed Systems

PROJECT NUMBER: 2017-322-107-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory, Quality of Service

PROJECT DESCRIPTION:
Installation of three phosphoric acid storage and feed systems located at Aspinwall Pump Station, Bruecken Pump Station, and the Membrane Filtration Plant to provide corrosion control in the distribution system.

PROJECT JUSTIFICATION:
Required in order to lower lead levels in water.

RISK(S):
Not completing this project will increase the risk of not maintaining lead levels below the PADEP action level.

IMPACT ON OPERATIONS:
In order to prevent algae growth in the open Highland No. 1 Reservoir, treatment must occur at three major locations with 7 injection points. This requires additional maintenance of treatment facilities at satellite locations.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$50,000	$0	$0	$0	$0	$50,000	

Highland Park Membrane Filtration Plant Assessment and Critical Process Improvements

PROJECT NUMBER: 2017-322-104-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals

PROJECT DESCRIPTION:
Complete a condition assessment of systems supporting the treatment process and perform critical improvements to maintain water treatment and allow full warranty of replacement modules. Improvements may include electrical, chemical feed, strainers, and other support systems.

PROJECT JUSTIFICATION:
Membrane module failure rate has continually increased over the last several years and are more than 5 years beyond the manufacturer's recommended replacement cycle. To allow module membrane manufacturers to extend a full warranty, a system condition assessment is needed. A detailed condition assessment is needed to address other critical worker safety and degradation of equipment that are essential to maintain the water treatment process. Improvements to the plan are required in order to restart the Membrane Filtration Plant.

RISK(S):
Exposes the Authority to higher costs to address emergency failures and exposes the Highland No. 1 Service Area to a potentially deficient or non-complaint water supply.

IMPACT ON OPERATIONS:
Increase operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$150,000**	**$0**	**$0**	**$0**	**$0**	**$150,000**	**Debt (Revenue Bonds)**

Highland Park Microfiltration Plant Improvements Project

PROJECT NUMBER: 2021-322-100-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Repair damage caused by process water leakage from second floor membrane racks to composite floor deck system and structural steel framing above main floor of Microfiltration Plant (MFP). Construction joints in floor were sealed during the MFP UV Project. This project will repair deterioration to composite deck system and structural steel support system and apply protective coatings. This project will also repair damage to the surface of concrete floor and sump pump in acid storage room caused by leakage from acid storage tanks, piping connections and acid mixing operations.

PROJECT JUSTIFICATION:
This project will increase the safety and security of operations in addition to maintaining the integrity of chemical containment in the event of future failure.

RISK(S):
The risk of delaying the project could cause potential damage to equipment on the first floor of the MFP from falling concrete or steel deck fragments. With respect to repair of the acid storage room floor, the risk of delaying the project is the lack of integrity in the provisions for chemical containment in the event of tank failure. Acid is able to leak through the damaged sump pump into the subfloor where it could damage underground cast iron plumbing and ductile iron process piping.

IMPACT ON OPERATIONS:
This project will mitigate the potential for future emergency repairs to the first floor ceiling components or to the acid room floor that would likely be funded from the Operating Budget.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$14,128	$0	$0	$0	$0	$14,128	Debt (Revenue Bonds)

Hydraulic Valve Replacement Program

PROJECT NUMBER: 2023-100-105-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
This project is retrofitting the various hydraulic valve actuators primarily in the filters to electric valve actuators.

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$89,943	$302,299	$2,144,253	$713,505	$0	$3,250,000	

Lime Slurry System Improvements

PROJECT NUMBER: 2017-322-101-7 / 12 / 13
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency, Quality of Service

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 SCADA communications equipment and SCADA interface.

PROJECT JUSTIFICATION:
Adequate lime storage is mandated by 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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$756,079	$3,548,360	$1,182,787	$0	$0	$5,487,226	

Overhead Crane Modernization

PROJECT NUMBER: 2024-100-100-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement and upgrade of exisitng cranes at Bruecken, Mission, Aspinwal, and Ross Pump Stations.

PROJECT JUSTIFICATION:
The current age of existing overhead cranes are well beyond their useful life and are in need of a replacement.

RISK(S):
Inefficient operations resulting from an aged facility that do not align with industry standard practices.

IMPACT ON OPERATIONS:
Increase operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$0	$375,000	$440,000	$0	$0	$815,000	

Phase 1 Sedimentation Basin Rehabilitation and Water Treatment Plant Gate Valve and 84-inch Coupling Project

PROJECT NUMBER: 2023-100-106-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Phase 1 of the rehabilitation of the existing sedimentation Basins as recommended by the 2019 WTP CIP (Arcadis 2019) and EPA CEP (2017). Projects including regrading around existing sedimentation Basins to mitigate stormwater infiltration, rehabilitation or replacement of existing sluice gates including drain gates, disconnect existing stormwater outfall including related permitting, repair of existing vaults. The WTP portion of the project will include replacement of various isolation valves at the plant and the encasement of an existing 84-inch diameter pipe coupling.

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 in order to properly isolate and maintain treatment. Proactive repair/maintenance will reduce the chance of complete failure of the asset.

RISK(S):
Inability to isolate the sedimentation basins in the event of an emergency and/or uncontrolled runoff into the Basins could cause regulatory violations.

IMPACT ON OPERATIONS:
Ability for staff to quickly isolate the sedimentation basins as part of routine or emergency maintenance.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$224,922	$299,896	$448,363	$2,196,447	$1,830,372	$5,000,000	Debt (Revenue Bonds)

Phase 2 Sedimentation Basin Rehabilitation Project

PROJECT NUMBER: 2026-100-100-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Phase 2 of this project includes cleaning the sedimentation basins, rehabilitation of weirs, intakes, and associated structures.

PROJECT JUSTIFICATION:
The sedimentation basins serve a role in secondary clarification of water after the clarifiers. This clarification combined with the fact that the basins are uncovered has led to accumulation of sediment in the basins. Secondly, structural defects in the existing concrete structure cannot be detected due to the presence of this sediment. Once the sediment is removed, each basin will be removed from service for a structural inspection and concrete repair. 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.

RISK(S):
Possible regulatory violations due to sediment, possible failure of structure due to lack of maintenance.

IMPACT ON OPERATIONS:
Ability for staff to quickly isolate the sedimentation basins as part of routine or emergency maintenance.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$562,304	$749,739	$1,312,043	Debt (Revenue Bonds)

Post-Filter Chemical System Improvements

PROJECT NUMBER: 2026-100-101-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Construction of new building for soda ash, fluoride, and phosphoric acid system closer to the feed point providing updated equipment, storage, instrumentation, and injection points. This will result in meeting current regulatory requirements, improve chemical application, and optimize the water treatment process. Portions of this project may be combined with the Clearwell Improvements Project or Aspinwall Pump Station Project.

PROJECT JUSTIFICATION:
The improvements from this project will address the recommendations from various regulatory agencies. In addition, the lack of attention to the post-filter chemical feed systems could cause over/under dosing of chemicals leading to permit violations or the loss of a chemical system resulting in an emergency project.

RISK(S):
Potential violations of permit conditions as a result of improper dosing of chemicals or failure of a chemical system resulting in emergency action.

IMPACT ON OPERATIONS:
Optimization and flow/residual pacing of chemicals can result in reduced chemical consumption. New storage and chemical feed equipment will result in reduced maintenance costs associated with repairs on the existing pumps, maintaining storage bins and feeders. Moving soda ash closer to the point of injection will reduce issues with feeding the chemical from the other end of the plant. Improvements to SCADA system and flow/residual pacing will reduce manual adjustments to chemical feed systems.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$607,288	$809,718	$1,417,006	Debt (Revenue Bonds)

Powdered Activated Carbon System Improvements

PROJECT NUMBER: 2017-322-101-2/ 3
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Powdered Activated Carbon System Improvements are to include the replacement of a carbon premix tank and existing carbon slurry pumping and dosing pipework.

PROJECT JUSTIFICATION:
Components of the chemical treatment systems can no longer be operated in an effective and reliable manner to meet water quality requirements. The storage and pumping systems associated with these chemicals have reached the end of their useful life and are susceptible to failures.

RISK(S):
Inefficient operation of chemical systems results in increased operating costs, including chemical consumption, labor, solids generation and disposal, and wear on equipment.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, reliability, and life expectancy and improved safety conditions.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$40,589	$0	$0	$0	$0	$40,589	

Ross Pump Station

PROJECT NUMBER: 2018-323-101-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, meters, SCADA, electrical equipment, HVAC, auxiliary systems, as well as the rehabilitation of the building architectural and energy management systems.

PROJECT JUSTIFICATION:
Pump station is in need of rehabilitation. Pumps and ancillary systems are beyond their design life.

RISK(S):
Exposes the Authority to higher capital costs to address emergency failures, and exposes customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, reliability, life expectancy, and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$1,249,655	$2,499,310	$1,299,310	$13,232,110	$18,280,385	Debt (Revenue Bonds)

Sludge Chamber Pump Project

PROJECT NUMBER: 2021-322-102-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:

Replacement of existing Sludge Pump and related components to the sludge chamber.

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 do not align with industry standard practices.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, reliability, and life expectancy,.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$386,722	$869,343	$0	$0	$0	$1,256,065	Debt (Revenue Bonds)

Water Treatment Plant Filter Backwash System Improvements

PROJECT NUMBER: 2023-100-107-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Improvements to filter backwash system to increase capacity and provide greater high backwash flow rates and addressing issues.

PROJECT JUSTIFICATION:
The backwash system cannot attain high wash flow rates recommended by regultors, which may be impacting filter performance/backwash frequency. In addition, the backwash system has areas that can be improved to help with operations including resolving pump vibration and shutdown issues at low flow rates.

RISK(S):
Potential noncompliance with permitted design of filter system and water quality issues.

IMPACT ON OPERATIONS:
Improved operating efficiency.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$740,054**	**$883,290**	**$2,996,022**	**$8,880,634**	**$0**	**$13,500,000**	**Debt (Revenue Bonds)**

Water Treatment Plant Filter Building Roof

PROJECT NUMBER: 2024-100-101-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

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

PROJECT JUSTIFICATION:
The existing roof is aged and in need of replacement.

RISK(S):
Continued deterioration of the roof could result in a emergency replacement.

IMPACT ON OPERATIONS:
Decrease in yearly maintenance for the existing roof.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$3,500,000	$0	$0	$0	$3,500,000	Debt (Revenue Bonds)

Water Treatment Plant HVAC Improvements

PROJECT NUMBER: 2024-100-102-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Improvements to aged HVAC systems at the Water Treatment Plant.

PROJECT JUSTIFICATION:
The HVAC systems at the Water Treatment Plant are at risk for failure due to its age.

RISK(S):
Failure of HVAC systems.

IMPACT ON OPERATIONS:
Reduction in future maintenance costs associated with aging equipment and multiple HVAC units.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$0	$163,333	$358,333	$858,333	$0	$1,379,999	

Water Treatment Plant NPDES Permit Autosamplers and Flow Meters

PROJECT NUMBER: 2023-100-108-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Purchase and installation of autosamplers to improve the ability of DEP required sampling.

PROJECT JUSTIFICATION:
This project is necessary to ensure that all of the required DEP sampling gets performed in a safe and efficient manner.

RISK(S):
The risks with not completing or delaying this project would be potentially missing sampling deadlines for DEP required sampling.

IMPACT ON OPERATIONS:
Improved operating efficiency.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$164,400**	**$124,500**	**$0**	**$0**	**$0**	**$288,900**	**Cash (Rates)**

Water Treatment Plant Rail Siding Improvements

PROJECT NUMBER: 2023-100-109-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of failed railroad ties, missing aggregate, and switch/track/stop repairs or removal for the rail siding at Aspinwall Pump Station.

PROJECT JUSTIFICATION:
Rail siding is required to maintain an alternate means of chemical delivery to Aspinwall Pump Station. This project will allow for the annual replacement of rail siding in order to meet rail standards.

RISK(S):
Failure to pass rail inspection and loss of alternate chemical delivery means.

IMPACT ON OPERATIONS:
Improved operating efficiency.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$800,000	$300,000	$300,000	$300,000	$300,000	$2,000,000	

WTP Sodium Hypochlorite Tank Emergency Replacement

PROJECT NUMBER: 2022-322-101-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Quality of Service

PROJECT DESCRIPTION:
The project includes the replacement of three Sodium Hypochlorite storage tanks.

PROJECT JUSTIFICATION:
This is an urgent project to maintain adequate treatment capabilities.

RISK(S):
The project includes the emergency replacement of three Sodium Hypochlorite storage tanks. There are four existing storage tanks. Two of the storage tanks will be removed from service in 2022 due to leakage and the age of the other two is such that they are at the end of their useful life. They will be replaced with three new tanks in kind to maintain the required storage capacity.

IMPACT ON OPERATIONS:
Maintain adequate treatment capabilities.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$150,000**	**$0**	**$0**	**$0**	**$0**	**$150,000**	**Debt (Revenue Bonds)**

Water Treatment Plant Contingency

PROJECT NUMBER: 2023-100-110-0
DSIC Eligible: No

PHASE: Not Applicable
PRIORITY: Not Applicable
PROJECT DESCRIPTION: Water Treatment Plant contingency pass-through project.
PROJECT JUSTIFICATION: Improved efficiency of capital improvement plan fund management.
RISK(S): No identified risks.
IMPACT ON OPERATIONS: Improved efficiency of capital improvement plan management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$0	$0	$0	$0	$0	$0	



Water Pumping and Storage

Aspinwall Pump Station Improvements

PROJECT NUMBER: 2017-323-104-0
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Regulatory Compliance, Safety Operating Efficiency, Quality of Service,

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 JUSTIFICATION:
The pump Station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff. Additionally, installation of variable frequency drives will reduce water pressure surges during start-up, and allow the pumps to operate over a wide range of flow, allow the pumps 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):
Exposes the Authority to higher capital costs to address emergency failures and customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$4,748,966	$15,197,172	$15,197,170	$15,227,974	$2,548,263	$52,919,545	WIFIA/PENN VEST

Aspinwall Pump Station to Lanpher Reservoir Rising Main

PROJECT NUMBER: 2018-323-100-0
DSIC Eligible: No

PHASE:
Design – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Construction of a new, redundant rising main from Aspinwall Pump Station to Lanpher Reservoir.

PROJECT JUSTIFICATION:
The existing 60" rising main that supplies the Lanpher Reservoir is a 150 year old riveted steel pipe, has several tap connections to critical and bulk customers, and has experienced recent pipe failures. The proposed rising main would serve as a primary supply source for the Lanpher Reservoir during the Clearwell Replacement Project and a redundant supply line in case of a failure or planned cleaning and rehabilitation of the existing 60" supply main.

RISK(S):
Failure of the rising main could impact up to half of PWSA's customers.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,147,167	$29,622,031	$44,331,727	$44,331,727	$14,777,241	$135,209,893	WIFIA/PENN VEST

Aspinwall WTP Chemical Unloading Area Improvements and Underground Storage Tank Removal and Replacement

PROJECT NUMBER: 2022-322-100-0
DSIC Eligible: No

PHASE:
Design – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Design and construction of secondary spill containment around railcar and truck chemical unloading areas. A nearby tunnel underdrain must also be disconnected from the combined sewers, and will be completed as part of the work in the area.

PROJECT JUSTIFICATION:
Required as part of PADEP regulatory recommendations.

RISK(S):
Not completing the work could lead to future environmental incidents and potential violations from regulatory agencies due to chemical spills.

IMPACT ON OPERATIONS:
Increased flexibility and reliability, system compliance, and improved environmental conditions.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,352,161	$0	$0	$0	$0	$1,352,161	Debt (Revenue Bonds)

Bruecken Pump Station Concealed Gutters

PROJECT NUMBER: 2024-300-100-0
DSIC Eligible: No

PHASE:
Planning – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Concealed gutter replacement and related improvements at Bruecken Pump Station.

PROJECT JUSTIFICATION:
The existing concealed gutters backup with water and can cause leakage inside of the building.

RISK(S):
Continued leaks will eventually damage roof substrate and interior and exterior masonry.

IMPACT ON OPERATIONS:
Reduced service repair needs and improved efficiency of operations.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$175,000	$0	$0	$0	$175,000	Debt (Revenue Bonds)

Bruecken Pump Station Improvements

PROJECT NUMBER: 2017-323-106-0
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems.

PROJECT JUSTIFICATION:
The pump station was constructed in 1931. The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff. Additionally, installation of variable frequency drives will reduce water pressure surges during start-up, allow the pumps to operate more efficiently over a wide range of flow demands, and will reduce the required size of the new Clearwell.

RISK(S):
Exposes PWSA to higher capital costs to address emergency facility failures and its customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, reliability, and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$8,653,054	$30,991,126	$30,991,126	$31,037,546	$5,188,398	$106,861,250	WIFIA/PENN VEST

Chlorine Booster Station Improvements

PROJECT NUMBER: 2019-323-101-0
DSIC Eligible: No

PHASE:
Design – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

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

PROJECT JUSTIFICATION:
PWSA 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 in order to meet these requirements.

RISK(S):
Exposes the Authority's customers to poor water quality.

IMPACT ON OPERATIONS:
Increased flexibility and reliability, system compliance, and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$311,269	$6,436,148	$7,007,549	$583,962	$0	$14,338,928	Debt (Revenue Bonds)

Disinfection By-Products Mitigation

PROJECT NUMBER: 2020-323-101-0
DSIC Eligible: No

PHASE:
Design – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Replacement of existing trihalomethane (THM) removal systems at Allentown tanks, Squirrel Hill tank, and Brashears tanks.

PROJECT JUSTIFICATION:
Repair of the existing system to improve the level of service provided to customers.

RISK(S):
Delaying the replacement of the existing systems will result in increased downtime of the existing systems that need to be repaired. This will lead to possible regulatory violations for exceeding THM levels.

IMPACT ON OPERATIONS:
Decrease in yearly maintenance for the existing system.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$5,183,171	$1,426,705	$0	$0	$0	$6,609,876	Debt (Revenue Bonds)

Garfield Tank Improvements

PROJECT NUMBER: 2024-300-101-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Rehabilitation or replacement of the existing tank. Increase of tank capacity may be necessary.

PROJECT JUSTIFICATION:
The Garfield Elevated Storage Tank was constructed in 1959 and last rehabilitated in 1992. The existing tank does not have sufficient capacity to meet PADEP's requirements for sizing, which states that a tank must have sufficient capacity to meet average day demand plus fire flow demand. This project will provide adequate storage through system redundancy to meet the pressure district's demand and fire flow conditions.

RISK(S):
Exposes PWSA customers to poor water quality from coating problems or a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased flexibility and reliability, system compliance, and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$122,198	$244,397	$314,224	$2,246,121	$2,926,940	Debt (Revenue Bonds)

Herron Hill Pump Station Improvements

PROJECT NUMBER: 2023-300-100-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The pump station was originally constructed in the late 1890's. The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff.

RISK(S):
Lack of facility planning exposes PWSA to higher capital costs to address emergency failures and customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$409,195	$818,391	$496,552	$12,275,862	$0	$14,000,000	Debt (Revenue Bonds)

Herron Hill Reservoir Improvements

PROJECT NUMBER: 2019-323-100-0
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Replacement of existing reservoir liner and cover and associated reservoir rehabilitation. Replacement of existing chlorine injection system. Project close-out phase in 2023.

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 the Authority'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 for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$198,631	$0	$0	$0	$0	$198,631	Debt (Revenue Bonds)

Herron Hill Reservoir Improvements - Sodium Hypochlorite Building

PROJECT NUMBER: 2019-323-100-1 / 2 / 3 / 4
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Replacement of existing chlorine injection system.

PROJECT JUSTIFICATION:
Existing chlorine feed systems are beyond their useful life and must be replaced.

RISK(S):
Exposes the Authority'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 for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$828,429	$0	$0	$0	$0	$828,429	Debt (Revenue Bonds)

Herron Hill Tank Pump Station Improvements

PROJECT NUMBER: 2024-300-102-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff.

RISK(S):
Lack of facility planning exposes PWSA to higher capital costs to address emergency failures and customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$164,077	$195,529	$1,320,197	$1,320,197	$3,000,000	Debt (Revenue Bonds)

Highland 1 Reservoir Liner

PROJECT NUMBER: 2026-300-100-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of existing Highland 1 Reservoir liner.

PROJECT JUSTIFICATION:
The reservoir liner is past it's useful design life and is in need of replacement.

RISK(S):
Failure to replace the liner could result an emergency repairs or replacement.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, reliability, and life expectancy,.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$704,981	$0	$704,981	Debt (Revenue Bonds)

Highland No. 2 Reservoir Liner and Cover Replacements

PROJECT NUMBER: 2019-323-102-0 / 1
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

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 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 distribution chlorine residual. Existing reservoir outlet structure must be upgraded to accommodate new Highland Reservoir Pump Station.

RISK(S):
Exposes PWSA 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 for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,122,235	$6,515,355	$4,072,096	$0	$0	$12,709,686	WIFIA/Debt (Revenue Bonds)

Highland Reservoir Pump Station and Rising Main

PROJECT NUMBER: 2017-323-101-0/ 5
DSIC Eligible: No

PHASE:
Design – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Construction of a new finished water pump station and transmission main to supply water to the Highland No. 1 Service Area from Highland No. 2 Reservoir.

PROJECT JUSTIFICATION:
All water supply for the Highland No. 1 Service Area currently flows through the Highland No. 1 Reservoir and the MFP. 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):
Failure of the two rising mains (No. 1 or No. 2), MFP, or Bruecken Pump Station would result in significant service disruptiion.

IMPACT ON OPERATIONS:
Increased operation and maintenance labor and expenses. Increased operating flexibility in the future.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$23,789,287	$14,537,145	$8,983,410	$0	$0	$47,309,842	Debt (Revenue Bonds)

Howard Pump Station Improvements

PROJECT NUMBER: 2025-300-100-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The pump station was originally constructed between 1900 and 1904. The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for the staff.

RISK(S):
Lack of facility planning exposes the Authority to higher capital costs to address emergency failures and its customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$577,267	$1,154,534	$694,764	$2,426,565	Debt (Revenue Bonds)

Inline Pump Station (Coral and Pacific) Improvements

PROJECT NUMBER: 2024-300-103-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff.

RISK(S):
Lack of facility planning exposes the Authority to higher capital costs to address emergency failures and its customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, reliability, and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$32,980	$39,434	$264,368	$263,218	$600,000	Debt (Revenue Bonds)

Lanpher Reservoir Improvements

PROJECT NUMBER: 2017-323-105-0 / 1 / 2 / 3
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

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

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 the Authority'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 for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,778,963	$6,370,326	$3,716,024	$0	$0	$12,865,313	Debt (Revenue Bonds)

Lincoln Pump Station Improvements

PROJECT NUMBER: 2023-300-101-0
DSIC Eligible: No

PHASE:
Planning – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, and auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The pump station was originally constructed in 1952. The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff.

RISK(S):
Lack of facility planning exposes the Authority to higher capital costs to address emergency failures and customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$288,633	$288,633	$1,258,748	$2,109,323	$1,054,663	$5,000,000	Debt (Revenue Bonds)

Lincoln Pump Station: Bypass Pump Station Project

PROJECT NUMBER: 2020-323-100-0/ 1/ 2
DSIC Eligible: No

PHASE:
Construction – Project Close

PRIORITY:
Safety, Operating Efficiency, Quality of Service

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 JUSTIFICATION:
Repair of 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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,155,907	$2,164,264	$0	$0	$0	$4,320,171	Debt (Revenue Bonds)

Lincoln Tank Improvements

PROJECT NUMBER: 2023-300-102-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Rehabilitation or replacement of the existing tank.

PROJECT JUSTIFICATION:
Constructed in 1939, this tank is nearing the end of its useful life. The last inspection, which was performed in 2018, noted deficiencies that need to be addressed to ensure water quality standards are met.

RISK(S):
Exposes the Authority's customers to poor water quality from coating problems or a potentially deficient water supply in the event of tank failure.

IMPACT ON OPERATIONS:
Increased flexibility and reliability and system compliance.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$337,529	$203,589	$3,680,670	$0	$0	$4,221,788	Debt (Revenue Bonds)

Mission Pump Station Improvements

PROJECT NUMBER: 2025-300-101-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The Mission Pump Station is the only pumping station located south of the Monongahela River and was originally constructed between 1910 and 1912. The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff.

RISK(S):
Lack of facility planning exposes the Authority to higher capital costs to address emergency failures and its customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$577,267	$1,154,534	$694,764	$2,426,565	Debt (Revenue Bonds)

Pump Station Architectural

PROJECT NUMBER: 2026-300-101-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Rehabilitate exterior and interior masonry, glazing, and roof of existing pump stations

PROJECT JUSTIFICATION:
Existing building façade, roof, and window systems are in need of upgrade to protect interior pumps and electrical equipment from the elements. Rehabilitation of these pump stations has not occurred within the past 40 years for most facilities.

RISK(S):
Façade collapse, leaking roof and windows could lead to equipment failures

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$2,500,000	$0	$2,500,000	Debt (Revenue Bonds)

Saline Pump Station Improvements

PROJECT NUMBER: 2026-300-102-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Replacement of aged pump and valve equipment, electrical equipment, HVAC, auxiliary systems, and rehabilitation of the building architectural and energy management systems as prioritized by the recommended Finished Water Pump Stations Condition Assessment Project.

PROJECT JUSTIFICATION:
The pump station was originally constructed in 1935. The pump station is in need of renovations and upgrades to maintain service, restore a 20 to 25 year useful life expectancy, and to provide safer conditions for staff.

RISK(S):
Lack of facility planning exposes the Authority to higher capital costs to address emergency failures and its customers to a potentially deficient water supply.

IMPACT ON OPERATIONS:
Increased operating efficiency, flexibility, and reliability and improved safety conditions for staff.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$192,422	$288,633	$481,055	Debt (Revenue Bonds)

Spring Hill Tank Improvements

PROJECT NUMBER: 2024-300-104-0
DSIC Eligible: No

PHASE:
Not Started – Project Close

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Perform a comprehensive inspection of the existing storage tanks and rehabilitation or replacement of the existing tanks.

PROJECT JUSTIFICATION:
Constructed in 1929 of riveted steel, the coatings and structure of these tanks need to be rehabilitated due to corrosion.

RISK(S):
Exposes the Authority's customers to poor water quality from coating problems or a potentially deficient water supply in the event of tank failure.

IMPACT ON OPERATIONS:
Increased flexibility and reliability and system compliance.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$62,335	$122,669	$73,819	$933,589	$1,192,412	Debt (Revenue Bonds)

Water Pumping and Storage Contingency

PROJECT NUMBER: 2023-300-103-0
DSIC Eligible: No

PHASE:
Not Applicable – Project Close

PRIORITY:
Not Applicable

PROJECT DESCRIPTION:
Water Pumping and Storage contingency pass-through project.

PROJECT JUSTIFICATION:
Improved efficiency of capital improvement plan fund management.

RISK(S):
No identified risks.

IMPACT ON OPERATIONS:
Improved efficiency of capital improvement plan management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$0	$0	$0	Debt (Revenue Bonds)



Water Distribution

2019 Large Diameter Water Main Improvements - Rising Main 3/4

PROJECT NUMBER: 2019-325-103-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety Operating Efficiency, Quality of Service,

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

PROJECT JUSTIFICATION:
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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$3,062,142	$240,770	$0	$0	$0	$3,302,912	WIFIA/Debt (Revenue Bonds)

2019 Large Diameter Water Main Improvements - Rising Main 4

PROJECT NUMBER: 2019-325-103-1
DSIC Eligible: No

PHASE:
Procurement

PRIORITY:
Regulatory Compliance, Safety Operating Efficiency, Quality of Service,

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

PROJECT JUSTIFICATION:
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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$12,529,326	$4,176,441	$0	$0	$0	$16,705,767	WIFIA/PENNVEST

Bus Rapid Transit Water Distribution

PROJECT NUMBER: 2020-325-102-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
The City of Pittsburgh is making roadway improvements on Fifth Ave and Forbes Ave from downtown through Oakland, with full depth reconstruction planned on Forbes from Crosstown Blvd to Craft Ave and on Fifth between Crosstown Blvd and the Birmingham Bridge. The City's work, in partnership with the Port Authority, will include signal pole upgrades, traffic redesign, sidewalk bumpouts, and new bus shelters. The full depth reconstruction portion of the project has the potential to affect existing 15-inch, 16-inch, 20-inch, and 6-inch mains that are 80-100+ years old. The full depth replacement of the roadway along with lowering of the roadway could result in damage to these mains. These mains should be replaced as part of this project.

PROJECT JUSTIFICATION:
The full depth replacement of the roadway along with lowering of the roadway could result in damage to these mains.

RISK(S):
Replacement of water mains along the Fifth and Forbes corridor reduces the risk of service outages due to breaks, reduces the potential for inadequate capacity for firefighting activities, and improves water quality.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,500,000	$0	$0	$0	$0	$1,500,000	Debt (Revenue Bonds)

District Metering Program

PROJECT NUMBER: 2025-200-100-0, Unidentified
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Installation of system flow meters to track the flow of water and compare to area consumption to determine where leaks are the greatest.

PROJECT JUSTIFICATION:
The district metering is intended to gather additional information on areas with suspected leakage and then prioritize areas for rehabilitation and replacement.

RISK(S):
Failure to track water loss will result in loss of revenue.

IMPACT ON OPERATIONS:
Decreased water loss.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$0	**$0**	**$2,600,000**	**$3,380,000**	**$3,380,000**	**$9,360,000**	
2025 District Metering	$0	$0	$2,600,000	$780,000	$0	$3,380,000	Debt (Revenue Bonds)
2026 District Metering	$0	$0	$0	$2,600,000	$780,000	$3,380,000	
2027 District Metering	$0	$0	$0	$0	$2,600,000	$2,600,000	

Hazelwood Backup Feed

PROJECT NUMBER: 2023-200-100-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Either repair the existing failed 16" main or abandon and provide interconnections with the Squirrel Hill system.

PROJECT JUSTIFICATION:
The Duck Hollow 16" main failed as a result of a landslide in 2018. The main will need to either be abandoned and replaced with emergency interconnections.

RISK(S):
Existing failed 16" main does not provide any backup water supply leading to a loss of resiliency.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$175,156	$175,156	$1,115,471	$1,534,487	$0	$3,000,270	Debt (Revenue Bonds)

Herron Hill - Squirrel Hill Boundary Adjustments

PROJECT NUMBER: 2025-200-101-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Main and valve adjustments to move the boundary between the Herron Hill Reservoir and Squirrel Hill pressure districts.

PROJECT JUSTIFICATION:
Herron Hill and Squirrel Hill operate on similar hydraulic gradients. There are areas where these two systems intertwine, which has resulted in long dead end lines as well as frequent opening and altering of dividing pressure valves. Moving the boundary of the two zones to incorporate more of the Herron Hill system into the Squirrel Hill system will alleviate these issues as well as alleviate demand on the Herron Hill Reservoir.

RISK(S):
Existing long dead ends can cause water quality issues.

IMPACT ON OPERATIONS:
Decreased leakage between pressure districts.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$52,928	$355,187	$635,885	$1,044,000	Debt (Revenue Bonds)

Interconnection Vault Stormwater Removal

PROJECT NUMBER: 2022-325-102-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Operating Efficiency, Quality of Service

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 JUSTIFICATION:
This project is required by a Consent Order Agreement.

RISK(S):
Failure to maintain regulatory compliance.

IMPACT ON OPERATIONS:
Improved system efficiency.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$453,008	$1,225,931	$611,310	$0	$0	$2,290,249	Debt (Revenue Bonds)

Intermediate Diameter Water Main Replacement Program

PROJECT NUMBER: 2025-200-102-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Strategic replacement of water mains to improve system reliability as well as improve water pressure, maintain water quality, and minimize disturbance to the community. Program will focus on 16" to 36" diameter mains.

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 disturbance 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, decrease in non-revenue water due to leaks.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$0	**$0**	**$2,603,833**	**$4,488,230**	**$42,775,187**	**$49,867,251**	
2025 Intermediate Main Replacement	$0	$0	1,283,549	1,541,899	20,364,552	$23,190,000	**Debt (Revenue Bonds)**
2026 Intermediate Main Replacement	$0	$0	$1,320,284	$1,584,614	20,774,834	$23,679,732	
2027 Intermediate Main Replacement	$0	$0	$0	$1,361,717	$1,635,801	$2,997,518	

Intermediate Meter Replacement Program

PROJECT NUMBER: 2021-325-100-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Operating Efficiency, Quality of Service, Organizational Goals

PROJECT DESCRIPTION:
Replacement of customer meters size 1.5" to 2".

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$143,077	$84,308	$86,538	$87,000	$87,000	$487,923	Debt (Revenue Bonds)

Large Diameter Water Main Replacement Program

PROJECT NUMBER: 2019-325-103-0, 2019-323-103-1, 2020-325-109-0, 2023-200-101-0, 2024-200-100-0, 2025-200-103-0, 2026-200-100-0, 2027-200-100-0, Unidentified

DSIC Eligible: No

PHASE:
Construction / Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

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

PROJECT JUSTIFICATION:
The Authority'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).

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$2,980,666	**$4,820,096**	**$23,316,702**	**$38,087,877**	**$33,256,579**	**$102,461,920**	
2020 Large Diameter Main Replacement – Four Mile Run	$801,877	$850,000	$7,156,250	$17,175,000	$10,018,750	$36,001,877	**Debt (Revenue Bonds)**
2023 Large Diameter Main Replacement	$1,244,067	$1,137,890	$11,464,181	$5,713,862	$0	$19,560,000	
2024 Large Diameter Main Replacement	$934,721	$1,869,443	$1,779,098	$10,361,857	$8,634,881	$23,580,000	
2025 Large Diameter Main Replacement	$0	962,763	1,925,526	1,832,471	10,672,713	$15,393,473	
2026 Large Diameter Main Replacement	$0	$0	$991,646	$1,983,292	$1,887,445	$4,862,383	
2027 Large Diameter Main Replacement	$0	$0	$0	$1,021,395	$2,042,791	$3,064,186	

Large Meter Replacement Program

PROJECT NUMBER: 2023-200-102-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Annual replacement of water meters larger than 1".

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, reliability, and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,557,508	$1,341,457	$567,308	$337,000	$337,000	$4,140,273	Debt (Revenue Bonds)

Low Pressure Area Remediation

PROJECT NUMBER: 2021-325-101-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Operaating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Fix chronically low pressure areas by either extending neighboring higher pressure districts into the area, booster pump stations, or household booster pumps.

PROJECT JUSTIFICATION:
This project is in response to the low pressure monitors required by the October 2017 Administrative Order.

RISK(S):
Customers may experience temporary service outages as a result of the work on this project.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$23,278	$279,331	$1,393,832	$1,696,441	Debt (Revenue Bonds)

Neighborhood Lead Service Line Replacement Program

PROJECT NUMBER: 2021-325-109-0
DSIC Eligible: Yes

PHASE:
Planning/Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Neighborhood Lead Service Line Replacement (LSLR) program to replace all remaining public and private lead service lines within the PWSA water service area. Program will be developed once 2023-2026 Small Diameter Water Main Replacement program is fully planned.

PROJECT JUSTIFICATION:
Comply with PWSA goals in the Lead Infrastructure Plan approved by PUC.

RISK(S):
Compliance with PWSA goals and regulatory recommendations.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability and water quality.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	**$13,582,757**	**$27,792,500**	**$55,585,000**	**$27,792,500**	**$0**	**$124,752,757**	**ARPA/PENNVEST**

North Side Boundary Adjustments

PROJECT NUMBER: 2025-200-104-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Operating Efficiency, Quality of Service, Organizational Goals

PROJECT DESCRIPTION:
Main and valve installation to move some low pressure areas from the McNaugher Pressure District to the Brashears Pressure District.

PROJECT JUSTIFICATION:
Areas within the McNaugher Pressure District that are near the Brashears Pressure District could have increased pressure by moving the pressure zone boundary through main improvements and valve adjustments.

RISK(S):
Existing services are near or below minimum standards (20 psi).

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$79,393	$532,780	$953,827	$1,566,000	Debt (Revenue Bonds)

Priority LSLR

PROJECT NUMBER: 2021-325-107-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Provide for LSLR at Priority sides including childcare facilities and exceedance locations.

PROJECT JUSTIFICATION:
Comply with PWSA goals in the Lead Infrastructure Plan approved by PUC.

RISK(S):
Failure to replace private lead service lines poses a public health risk.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability and water quality.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$3,000,000	$0	$0	$0	$0	$3,000,000	PENNVEST

Private Lead Service Line Reimbursement Program

PROJECT NUMBER: 2023-200-103-0
DSIC Eligible: Yes

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Reimbursement of private line lead service line costs.

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$400,000	$0	$0	$0	$0	$400,000	Debt (Revenue Bonds)

Regulator Valve and Vault Replacement Program

PROJECT NUMBER: 2021-325-102-0, 2023-200-104-0, 2024-200-101-0, 2025-200-105-0, 2026-200-101-0, 2027-325-200-0
DSIC Eligible: No

PHASE: Planning
PRIORITY: Safety, Operating Efficiency, Quality of Service
PROJECT DESCRIPTION: Replacement of pressure zone interconnection vaults including new pressure regulators, flow meters, pressure transmitters, and SCADA communications.
PROJECT JUSTIFICATION: Existing regulator stations are in need of replacement. This will also aid in identification of non-revenue water.
RISK(S): Failure to fix could result in failure of the vault.
IMPACT ON OPERATIONS: Decreased leakage will result in decrease of pumping energy.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$378,494	**$1,839,361**	**$3,446,739**	**$4,173,180**	**$3,439,080**	**$13,276,854**	
2021 Regulator Valve and Vault Replacement	$233,422	$933,717	914,264	$0	$0	$2,081,403	Debt (Revenue Bonds)
2022 Regulator Valve and Vault Replacement	$89,723	$517,050	$257,850	$292,720	$0	$1,157,343	
2023 Regulator Valve and Vault Replacement	$55,349	$305,570	$1,760,920	$878,161	$0	$3,000,000	
2024 Regulator Valve and Vault Replacement	$0	$83,024	$458,355	$2,641,379	$1,317,242	$4,500,000	
2025 Regulator Valve and Vault Replacement	$0	$	$55,349	$305,570	$1,760,920	$2,121,839	
2026 Regulator Valve and Vault Replacement	$0	$0	$0	$55,350	$305,570	$360,920	
2027 Regulator Value and Vault Replacement	$0	$0	$0	$0	55,349	$55,349	

Small Diameter Water Main Replacement Program

PROJECT NUMBER: 2020-325-106-0 / 1 / 2, 2021-325-104-0/ 1/ 2, 2022-325-113-0/ 2/ 3, 2023-200-105-0, 2024-200-102-0, 2025-200-106-0, 2026-200-102-0, Unidentified

DSIC Eligible: Yes

PHASE:
Construction / Design / Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

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

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 disturbance 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.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$83,515,129	$75,057,894	$57,763,375	$53,807,131	$89,408,776	$359,552,305	
2021 Small Main Replacement	$27,077,320	$0	$0	$0	$0	$27,077,320	Debt (Revenue Bonds) / PENNVEST
2022 Small Main Replacement	$47,405,571	$33,861,122	$0	$0	$0	$81,266,693	
2023 Small Main Replacement	$7,982,472	$26,104,038	$8,701,346	$0	$0	$42,787,856	
2024 Small Main Replacement	$1,049,756	$14,287,293	$37,846,331	$9,461,583	$0	$62,644,963	
2025 Small Main Replacement	$0	$805,441	$10,109,849	$26,498,219	$6,624,555	$44,038,064	
2026 Small Main Replacement	$0	$0	$1,105,849	$14,431,097	$38,033,034	$53,569,980	
2027 Small Main Replacement	$0	$0	$0	$3,416,232	$44,751,187	$48,167,419	

Small Meter Replacement Program

PROJECT NUMBER: 2023-200-106-0
DSIC Eligible: No

PHASE:
Construction / Not Started

PRIORITY:
Regulatory Compliance, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Annual replacement of water meters 1" or less.

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,723,172	$1,351,089	$480,769	$250,000	$291,667	$4,096,697	Debt (Revenue Bonds)

South Side Slopes Boundary Adjustments

PROJECT NUMBER: 2025-200-107-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Operating Efficiency, Quality of Service, Organizational Goals

PROJECT DESCRIPTION:
Main and valve adjustments to move the boundary between the Highland No. 2 and Allentown Pressure Districts.

PROJECT JUSTIFICATION:
Areas within the Highland No. 2 pressure district that are near the Allentown pressure district could have increased pressure by moving the pressure zone boundary through main improvements and valve adjustments.

RISK(S):
Existing services are near or below minimum standards (20 psi).

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$79,393	$532,780	$953,827	$1,566,000	Debt (Revenue Bonds)

Unmetered and Flat Rate Properties

PROJECT NUMBER: 2021-325-103-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Metering unmetered and flat rate properties as required by regulations.

PROJECT JUSTIFICATION:
Required per the PUC regulations. The impact of not installing meters is the loss of revenue and lack of ability to accurately estimate water loss in the system.

RISK(S):
Failure to comply with PUC regulations and the potential of lost revenue.

IMPACT ON OPERATIONS:
Increased system reliability, reliability, and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$327,250	$635,250	$0	$0	$0	$962,500	Debt (Revenue Bonds)

Urgent Lead Service Line Replacement

PROJECT NUMBER: 2021-325-112-0, 2023-200-107-0, 2024-200-103-0, 2025-200-108-0, 2026-200-103-0, 2027-200-102-0

DSIC Eligible: Yes

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
This project involves the private side Lead Service Line Replacements (LSLR) associated with operations 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 JUSTIFICATION:
Compliance with the Lead Infrastructure Plan approved by the PUC. PUC requires termination if a private side lead service line is not replaced the same time the public service line is replaced. Not completing this project would lead to water service terminations.

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 and reliability and water quality.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$1,778,654	**$1,749,194**	**$1,670,086**	**$1,590,751**	**$1,246,677**	**$8,035,362**	
2022 Urgent Lead Service Line Replacement	$762,720	$0	$0	$0	$0	$762,720	DSIC - Water
2023 Urgent Lead Service Line Replacement	$1,015,934	$721,566	$0	$0	$0	$1,737,500	
2024 Urgent Lead Service Line Replacement	$0	$1,027,628	$729,872	$0	$0	$1,757,500	
2025 Urgent Lead Service Line Replacement	$0	$0	940,214	$667,786	$$0	$1,578,500	
2026 Urgent Lead Service Line Replacement	$0	$0	$0	$922,965	$655,535	$1,578,500	
2027 Urgent Lead Service Line Replacement	$0	$0	$0	$0	591,142	$591,142	

Valve Replacement Program

PROJECT NUMBER: 2021-325-113-0, 2023-200-108-0, 2024-200-104-0, 2025-200-109-0, 2026-200-104-0, 2027-200-103-0

DSIC Eligible: Yes

PHASE:
Construction / Not Started

PRIORITY:
Safety, Operating Efficiency, Quality of Service

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 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.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$2,505,485	$2,800,000	$2,674,359	$2,800,000	$2,925,641	$13,705,485	
2021 Valve Replacement	$150,000	$0	$0	$0	$0	$150,000	DSIC - Water
2022 Valve Replacement	$722,152	$0	$0	$0	$0	$722,152	
2023 Valve Replacement	$1,633,333	$1,166,667	$0	$0	$0	$2,800,000	
2024 Valve Replacement	$0	$1,633,333	$1,166,667	$0	$0	$2,800,000	
2025 Valve Replacement	$0	$0	$1,507,692	$1,292,308	$0	$2,800,000	
2026 Valve Replacement	$0	$0	$0	$1,507,692	$1,292,308	$2,800,000	
2027 Valve Replacement	$0	$0	$0	$0	$1,633,333	$1,633,333	

Water and Wastewater Safety and Security Improvements

PROJECT NUMBER: 2022-325-101-0
DSIC Eligible: No

PHASE:
Construction / Not Started

PRIORITY:
Safety, Operating Efficiency

PROJECT DESCRIPTION:
Safety and security improvements throughout PWSA facilities.

PROJECT JUSTIFICATION:
Failure to implement safety and security measures will increase the likelihood of a security breach causing harm to PWSA employees and customers.

RISK(S):
Security breaches.

IMPACT ON OPERATIONS:
Increased safety and security at all PWSA facilities.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,567,547	$0	$0	$0	$0	$1,567,547	Debt (Revenue Bonds)

Water and Wastewater Safety and Security Improvements (Pennvest)

PROJECT NUMBER: 2023-200-109-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency

PROJECT DESCRIPTION:
Safety and security improvements throughout PWSA facilities.

PROJECT JUSTIFICATION:
Failure to implement safety and security measures will increase the likelihood of a security breach causing harm to PWSA employees and customers.

RISK(S):
Security breaches.

IMPACT ON OPERATIONS:
Increased safety and security at all PWSA facilities.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$9,978,156	$0	$0	$0	$0	$9,978,156	PENNVEST

Water Relay Program

PROJECT NUMBER: 2021-325-110-0, 2023-200-110-0, 2024-200-105-0, 2025-200-110-0, 2026,200-105-0, 2027-200-104-0

DSIC Eligible: Yes

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Quality of Service

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

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.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$2,145,000	**$2,150,000**	**$2,712,308**	**$3,254,769**	**$3,440,141**	**$13,702,218**	
2022 Water Relay	$1,500,000	$0	$0	$0	$0	$1,500,000	**Debt (Revenue Bonds)**
2023 Water Relay	$645,000	$1,290,000	$0	$0	$0	$1,935,000	
2024 Water Relay	$0	$860,000	$1,720,000	$0	$0	$2,580,000	
2025 Water Relay	$0	$0	$992,308	$2,232,692	$0	$3,225,000	
2026 Water Relay	$0	$0	$0	$1,022,077	$2,299,673	$3,321,750	
2027 Water Relay	$0	$0	$0	$0	$1,140,468	$1,140,468	

Water Distribution Contingency

PROJECT NUMBER: 2023-200-111-0
DSIC Eligible: No

PHASE:
Not Applicable

PRIORITY:
Not Applicable

PROJECT DESCRIPTION:
Water Distribution System contingency pass-through project.

PROJECT JUSTIFICATION:
Improved efficiency of capital improvement plan fund management.

RISK(S):
No identified risks.

IMPACT ON OPERATIONS:
Improved efficiency of capital improvement plan management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$0	$0	$0	$0	Debt (Revenue Bonds)



Wastewater System

31st Ward Pump Station and Appurtenances - Phase 2

PROJECT NUMBER: 2022-424-108-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

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 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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$958,333	$726,667	$613,667	$7,447,000	$7,447,000	$17,192,667	

6122 and 6150 Mifflin Road Demolition

PROJECT NUMBER: 2022-424-104-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Safety, Quality of Service

PROJECT DESCRIPTION:
This project associated with 31st Ward Pump Station and Appurtences - Phase 2 - providing for the demolition of 6122 and 6150 Mifflin Road.

PROJECT JUSTIFICATION:
This project is essential to the completion of the 31st Ward Pump Station and Appurtences project.

RISK(S):
Decreased ability to complete existing projects.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$50,000	$0	$0	$0	$0	$50,000	

Browns Hill Road Sewer Pump Station Replacement

PROJECT NUMBER: 2022-424-109-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

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" force main (approx. 790 l.f.) constructed in 2007, but not utilized and confirm sanitary sewer separation occurred. Additional sewer separation may need to occur prior to modifying the existing diversion chamber.

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 for staff.

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 notice of violations from regulating agencies.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$432,000	$1,608,000	$1,880,000	$0	$0	$3,920,000	Debt (Revenue Bonds)

Large Diameter Sewer Rehabilitation Program

PROJECT NUMBER: 2020-424-101-0, 2020-424-107-0, 2021-424-105-0, 2022-424-110-0, 2024-400-100-0, 2025-400-100-0, 2026-400-100-0, 2027-400-100-0

DSIC Eligible: No

PHASE:
Design / Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Proactive, trenchless rehabilitation of 36" 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 JUSTIFICATION:
Provides the Authority 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.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$12,774,486	$2,997,238	$4,266,000	$4,897,000	$4,957,000	$29,891,724	
2020 Large Diameter Sewer Rehabilitation	$623,290	$0	$0	$0	$0	$623,290	Debt (Revenue Bonds) / DSIC – Wastewater
2021 Large Diameter Sewer Rehabilitation	$7,136,911	$0	$0	$0	$0	$7,136,911	
2022 Large Diameter Sewer Rehabilitation	$4,536,190	$522,000	$0	$0	$0	$5,058,190	
2023 Large Diameter Sewer Rehabilitation	$478,095	$1,935,238	$0	$0	$0	$2,413,333	
2024 Large Diameter Sewer Rehabilitation	$0	$540,000	$3,706,000	$414,000	$0	$4,660,000	
2025 Large Diameter Sewer Rehabilitation	$0	$0	$560,000	$3,903,000	$437,000	$4,900,000	
2026 Large Diameter Sewer Rehabilitation	$0	$0	$0	$580,000	$4,100,000	$4,680,000	
2027 Large Diameter Sewer Rehabilitation	$0	$0	$0	$0	$420,000	$420,000	

M-29 Outfall Improvements

PROJECT NUMBER: 2018-424-103-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Quality of Service

PROJECT DESCRIPTION:
Modifying diversion chamber, rehabilitating culvert, constructing an endwall, and installing flapgate associated with the M-29 outfall structure.

PROJECT JUSTIFICATION:
The M-29 outfall structure is critical infrastructure that has been in jeopardy of failing for several years due to significant structural defects in the existing culvert.

RISK(S):
Project close-out phase. The M-29 outfall structure could have failed if not addressed through this project.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$250,000	$0	$0	$0	$0	$250,000	

Maytide Storm and Sanitary Sewer System Improvements

PROJECT NUMBER: 2017-424-109-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Reconstruction of storm infrastructure from Merritt Avenue to the storm interceptor on Ravilla Avenue and the realignment of the 10" sanitary sewer on Maytide (Sanderson to Valline).

PROJECT JUSTIFICATION:
Localized property and street flooding has been well-documented for several years at this location and the undeveloped right-of-way of Sanderson has significantly deteriorated. Additionally, an inspection of the 10" sanitary sewer on Maytide Street revealed structural and construction defects.

RISK(S):
Continual degradation to a steep slope could result in property damage and an increased cost to stabilize.

IMPACT ON OPERATIONS:
Increased operating reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$118,027	$4,026,497	$1,957,785	$0	$0	$6,102,309	

Queenston Sewer Improvements

PROJECT NUMBER: 2019-424-103-2
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Quality of Service

PROJECT DESCRIPTION:
Removal of a combined sewer diversion chamber and installation of new sewer infrastructure, which will result in the separation of the sewershed.

PROJECT JUSTIFICATION:
The existing sewer infrastructure (both storm and sanitary) have significant structural defects, which are located under a large structure in a paper street over 40 feet deep.

RISK(S):
The existing sewer infrastructure (both storm and sanitary) have significant structural defects, which if not mitigated, could result in property damage and icnreased costs.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,210,550	$243,203	$0	$0	$0	$2,453,753	Debt (Revenue Bonds)

Sewer Reconstruction Program

PROJECT NUMBER: 2022-424-100-0, 2023-400-100-0, 2024-400-101-0, 2025-400-101-0, 2026-400-101-0, 2027-400-101-0

DSIC Eligible: Yes

PHASE:
Construction / Not Started

PRIORITY:
Regulatory Compliance, Safety, Quality of Service

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

PROJECT JUSTIFICATION:
The existing sewer system is aging and immediate repairs are required.

RISK(S):
The Authority may be subject to related fines due to sewer overflows or for non-compliance as outlined in the Consent Order and Agreement.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$2,691,769	$1,810,000	$1,810,000	$1,886,458	$2,701,330	$10,899,557	
2021 Sewer Reconstruction	$200,000	$0	$0	$0	$0	$200,000	Debt (Revenue Bonds) / DSIC – Wastewater
2022 Sewer Reconstruction	$1,456,849	$0	$0	$0	$0	$1,456,849	
2023 Sewer Reconstruction	$1,034,920	$775,080	$0	$0	$0	$1,810,000	
2024 Sewer Reconstruction	$0	$1,034,920	$775,080	$0	$0	$1,810,000	
2025 Sewer Reconstruction	$0	$0	$1,034,920	$775,080	$775,080	$2,585,080	
2026 Sewer Reconstruction	$0	$0	$0	$1,111,378	$833,622	$1,945,000	
2027 Sewer Reconstruction	$0	$0	$0	$0	$1,092,628	$1,092,628	

Sewers Under Structures Program

PROJECT NUMBER: 2017-424-110-0,
2020-424-104-0 / 1,
2022-424-107-0, 2023-400-101-0, 2024-400-102-0, 2025-400-102-0, 2026-400-102-0, 2027-400-102-0
DSIC eligible No

PHASE:
Design / Not Started

PRIORITY:
Regulatory Compliance, Safety, Quality of Service

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 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 increased replacement cost, and increased service outages or bypass pumping.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$6,786,030	**$2,373,663**	**$2,422,730**	**$3,530,383**	**$3,386,507**	**$18,499,314**	
2018 Sewers Under Structures	$1,030,897	$1,300,707	$0	$0	$0	$2,331,604	Debt (Revenue Bonds) / DSIC – Wastewater
2020 Sewers Under Structures	$5,480,280	$672,368	$0	$0	$0	$6,152,648	
2022 Sewers Under Structures	$226,103	$117,647	$2,028,730	$831,270	$0	$3,203,750	
2023 Sewers Under Structures	$48,750	$234,191	$111,059	$2,303,238	$672,762	$3,370,000	
2024 Sewers Under Structures	$0	$48,750	$234,191	$111,059	$2,303,238	$2,697,238	
2025 Sewers Under Structures	$0	$0	$48,750	$234,191	$111,059	$394,000	
2026 Sewers Under Structures	$0	$0	$0	$50,625	$243,199	$293,824	
2027 Sewers Under Structures	$0	$0	$0	$0	$56,250	$56,250	

Small Diameter Sewer Rehabilitation Program

PROJECT NUMBER: 2020-424-108-0, 2020-424-106-0 / 1 / 2, 2021-424-101-0 / 1/ 2, 2021-424-108-0/ 1/ 2/ 3, 2024-400-103-0, 2025-400-102-0, 2026-400-103-0, 2027-400-103-0, Unidentified

DSIC Eligible: Yes

PHASE:
Design, Construction, Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

PROJECT DESCRIPTION:
Proactive, trenchless rehabilitation of sewer mains (36" diameter and less) to restore structural integrity, reduce root intrusion, and reduce infiltration and inflow; including cleaning and pre and post construction CCTV inspections.

PROJECT JUSTIFICATION:
Provides the Authority 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.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$24,363,045	$17,657,219	$14,629,597	$27,990,468	$36,426,240	$121,066,569	
2020 Small Diameter Sewer Rehabilitation Contract 2 Defined Sites	$731,123	$0	$0	$0	$0	$731,123	Debt (Revenue Bonds) / PENNVEST
2021 Small Diameter Rehabilitation	$1,928,755	$0	$0	$0	$0	$1,928,755	
2022 Small Diameter Rehabilitation	$7,469,189	$0	$0	$0	$0	$7,469,189	
2023 Small Diameter Rehabilitation	$11,723,978	$5,736,816	$0	$0	$0	$17,460,794	
2024 Small Diameter Rehabilitation	$2,510,000	$11,920,403	$9,339,597	$0	$0	$23,770,000	
2025 Small Diameter Rehabilitation	$0	$0	$2,590,000	$12,236,474	$9,583,526	$24,410,000	
2026 Small Diameter Rehabilitation	$0	$0	$2,700,000	$12,813,994	$10,046,006	$25,560,000	
2027 Small Diameter Rehabilitation	$0	$0	$0	$2,940,000	$13,796,708	$16,736,708	
2028 Small Diameter Rehabilitation	$0	$0	$0	$0	$3,000,000	$3,000,000	

Wastewater Contingency

PROJECT NUMBER: 2023-400-102-0
DSIC Eligible: No

PHASE:
Not Applicable

PRIORITY:
Not Applicable

PROJECT DESCRIPTION:
Wastewater contingency pass-through project.

PROJECT JUSTIFICATION:
Improved efficiency of capital improvement plan fund management.

RISK(S):
No identified risks.

IMPACT ON OPERATIONS:
Improved efficiency of capital improvement plan management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$0	$0	$0	$0	$0	$0	



Stormwater

Braywood Stormwater Improvements

PROJECT NUMBER: 2022-424-105-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service,

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. This project is subject to a cost share between the Pittsburgh Water and Sewer Authority and City of Pittsburgh.

PROJECT JUSTIFICATION:
There's a low point on Braywood Way that experiences persistent, severe flooding. This system is undersized and deteriorating, keeping up with minor precipitation events but the majority cause flooding.

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$434,625	$439,375	$0	$0	$0	$874,000	Debt (Revenue Bonds)

Bus Rapid Transit Phase 2

PROJECT NUMBER: 2023-500-100-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Safety, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
The betterments in phase 2 currently includes the stormwater/green infrastructure (GI) improvements in the Uptown Neighborhood.

PROJECT JUSTIFICATION:
The construction of the BRT Project requires that certain facilities owned and/or operated by PWSA be removed, replaced, and/or relocated.

RISK(S):
Could result in PWSA being 100% responsible for the removal, replacement, and/or relocation of certain facilities owned and/or operated by PWSA.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$500,000	$500,000	$500,000	$0	$1,500,000	Debt (Revenue Bonds)

Bus Rapid Transit Stormwater Infrastructure Improvements

PROJECT NUMBER: 2020-GI-100-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
A cost share with the City of Pittsburgh's Department of Mobility and Infrastructure on the redesign of Forbes Avenue and Fifth Avenue to accommodate bus rapid transit from downtown to 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.

PROJECT JUSTIFICATION:
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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$71,382	$785,634	$703,638	$0	$0	$1,560,654	Debt (Revenue Bonds)

Catch Basin and Inlet Replacement Program

PROJECT NUMBER: 2020-424-107-0, 2020-424-106-0/ 1/ 2, 2021-424-107-0, 2022-424-106-0, 2024-500-100-0, 2025-500-100-0, 2026-500-100-0, 2027-500-100-0, Unidentified

DSIC Eligible: No

PHASE:
Construction / Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

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 JUSTIFICATION:
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):
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.

	CASH FLOW SUMMARY						FUNDING SOURCE(S)
Program Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
	$11,539,877	**$16,007,303**	**$14,436,109**	**$14,867,221**	**$15,308,750**	**$72,159,260**	
2022 Catch Basin and Inlet Replacement	$2,803,513	$0	$0	$0	$0	$2,803,513	**PENNVEST /Debt (Revenue Bonds)**
2023 Catch Basin and Inlet Replacement	$8,736,364	$4,963,636	$0	$0	$0	$13,700,000	
2024 Catch Basin and Inlet Replacement	$0	$11,043,667	$3,067,333	$0	$0	$14,111,000	
2025 Catch Basin and Inlet Replacement	$0	$0	$11,368,776	$3,165,554	$0	$14,534,330	
2026 Catch Basin and Inlet Replacement	$0	$0	$0	$11,701,667	$3,248,333	$14,950,000	
2027 Catch Basin and Inlet Replacement	$0	$0	$0	$0	$12,060,417	$12,060,417	

Dragoon Way Stormwater Improvements

PROJECT NUMBER: 2020-424-103-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
This would involve upsizing stormwater infrastructure as well as road paving on Dragoon Way. This project is subject to a cost share between the Pittsburgh Water and Sewer Authority and City of Pittsburgh.

PROJECT JUSTIFICATION:
This area experiences significant roadway and property flooding. Runoff flows down Dragoon Way and through multiple Adelphia Street properties, flooding Adelphia Street. PWSA currently owns stormwater infrastructure on Adelphia Street that is undersized and deteriorating.

RISK(S):
Risks associated with not completing this project include poor level of service.

IMPACT ON OPERATIONS:
Reduced need for catch basin cleaning after significant precipitation events.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$983,000	$95,625	$0	$0	$0	$1,078,625	Debt (Revenue Bonds)

Fleury Way Stormwater Infrastructure Improvements

PROJECT NUMBER: 2021-424-102-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Construction of storm sewer infrastructure to address persistent and severe street flooding and roadway damage. Project will include installing approximately 500 ft of 18" storm sewers and 4 new catch basins as well as inverting the crown of the road and adding proper curbing for optimal drainage. This project is subject to a cost share between the Pittsburgh Water and Sewer Authority and City of Pittsburgh.

PROJECT JUSTIFICATION:
After field assessment and review, the stormwater group ranked this issue as a "high priority" because of the severity of road degradation and persistent street flooding caused by lack of stormwater infrastructure and improper road design. This issue is located in the A-42 Green First sewershed.

RISK(S):
Continued road degradation and persistent flooding.

IMPACT ON OPERATIONS:
4 additional inlets, operations will need to be added to the cleaning schedule.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$476,212	$0	$0	$0	$0	$476,212	Debt (Revenue Bonds)

Four Mile Run Stormwater Infrastructure Improvements

PROJECT NUMBER: 2018-GI-102-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
Sewer separation, stream restoration, stream daylighting, bioretention, and underground storage to remove the existing stream base and wet weather flow currently discharging into the combined sewer located in M-29.

PROJECT JUSTIFICATION:
This project will separate wet weather flow being directly discharged into the Authority'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 create issues during wet weather events.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$645,557	$4,500,108	$8,723,924	$6,171,203	$0	$20,040,792	Debt (Revenue Bonds)

Haverhill Street Improvements Project

PROJECT NUMBER: 2022-424-102-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service

PROJECT DESCRIPTION:
This project will capture and redirect an existing nuisance groundwater seep into retention/slow release subsurface infrastructure, either in the form of a perforated pipe and gravel bed or a retention tank. The project will also involve landslide stabilization to prevent current persistent sediment accumulation in the downstream sewer and green infrastructure as well as associated roadway restoration. This project is subject to a cost share between the Pittsburgh Water and Sewer Authority and City of Pittsburgh.

PROJECT JUSTIFICATION:
There is currently an unmanaged groundwater seep flowing down Haverhill Street, flooding properties, depositing significant amounts of sediment into PWSA's sewer system and a PWSA green infrastructure site (Oakwood and Batavia). This project would decrease private property flooding, reduce the amount of sediment entering the sewer system, save PWSA maintenance costs involved with removing sediment from nearby catch basins and green infrastructure and stop continued green infrastructure system degradation caused by this seep.

RISK(S):
Risk of persistent depositing of sediment into PWSA's sewer system.

IMPACT ON OPERATIONS:
This would decrease maintenance needs for both the green infrastructure maintenance contract as well as the catch basin cleaning contract.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,003,900	$104,500	$0	$0	$0	$1,108,400	Debt (Revenue Bonds)

Lawn and Ophelia

PROJECT NUMBER: 2017-424-104-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Regulatory Compliance, Organizational Goals

PROJECT DESCRIPTION:
Project is located in the South Oakland neighborhood in the City of Pittsburgh and is a tributary to the M-19B outfall. This project is intended to be a community gathering space combined with stormwater management features.

PROJECT JUSTIFICATION:
It is anticipated that 1.9 impervious acres from neighboring roads and roofs can be managed.

RISK(S):
Risk of service disruption.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$203,741	$0	$0	$0	$0	$203,741	Debt (Revenue Bonds)

Martin Luther King Field Stormwater Infrastructure Improvements

PROJECT NUMBER: 2019-GI-104-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
Installation of regenerative bioswale and underground detention facilities to capture and detain impervious acres from the adjacent streets and upstream separate storm sewers, which currently discharges into the combined sewer located in M-19.

PROJECT JUSTIFICATION:
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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$3,096,867	$1,324,108	$0	$0	$0	$4,420,975	Debt (Revenue Bonds)

Maryland Avenue Stormwater Infrastructure Improvements

PROJECT NUMBER: 2017-424-101-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
Permeable paver based GSI project to manage approximately 5.3 acres of impervious acres for 1.5" runoff event.

PROJECT JUSTIFICATION:
The project purpose is to reduce combined sewer overflows at the downstream A-22 outfall while also improving performance of the local combined sewer system that has experienced surcharge and flooding during intense rain events in downstream areas of Shadyside.

RISK(S):
Risk of flooding and service disruption.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$6,925	$0	$0	$0	$0	$6,925	Debt (Revenue Bonds)

MS4 Permit PRP Plan Sediment Reduction Project

PROJECT NUMBER: 2023-500-101-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Pollutant Reduction Plan (PRP) project to reduce sediment and phosphate levels from entering designated impaired streams per the MS4 permit.

PROJECT JUSTIFICATION:
The MS4 permit requires a reduction of sediment and phosphate loading from baseline levels.

RISK(S):
Failure to meet future regulatory requirements.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$173,000	$605,000	$307,500	$0	$0	$1,085,500	Debt (Revenue Bonds)

Saw Mill Run Municipal Separate Storm Sewer System Compliance

PROJECT NUMBER: 2025-500-101-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
Identifying and completing projects related to Municipal Separate Storm Sewer System (MS4) compliance.

PROJECT JUSTIFICATION:
This project is necessary to become compliant with MS4 regulatory requirements.

RISK(S):
The timeline to complete the MS4 compliance projects could take longer than expected.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$0	$0	$500,000	$1,500,000	$1,500,000	$3,500,000	Debt (Revenue Bonds)

Saw Mill Run Watershed Improvements

PROJECT NUMBER: 2020-424-109-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

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 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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$850,000	$150,000	$0	$0	$0	$1,000,000	Debt (Revenue Bonds)

Southside Flats Sewer Separation

PROJECT NUMBER: 2021-424-106-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

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

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$3,327,529	$2,232,587	$0	$0	$0	$5,560,116	Debt (Revenue Bonds)

Southside Stormwater Infrastructure Improvements

PROJECT NUMBER: 2019-GI-100-0
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
The Southside Green / Stormwater project is located in the M-16 sewershed, which discharges approximately 103MG of CSOs in a typical year as it is defined in the current system model. Additionally, there are 15 known surface streams/seeps within the park that appear to connect into the combined sewer system. The project will focus on stormwater management source control opportunities within Southside Park. The project will look at separating the stormwater runoff from the park and road right-of-way areas. It will connect through a new storm sewer discharge to be built under South 21st Street to the Monongahela River. The project will detain and slowly return the stormwater runoff to the combined sewer system.

PROJECT JUSTIFICATION:
This project will help comply with regulatory requirements by reducing CSOs.

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.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,029,140	$2,703,667	$0	$0	$0	$4,732,807	Debt (Revenue Bonds)

Stewart Avenue Stormwater Infrastructure Project

PROJECT NUMBER: 2022-424-1010
DSIC Eligible: No

PHASE:
Design

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
Overland stormwater runoff during larger precipitation events in the Stewart Avenue area contribute to downstream flooding along Saw Mill Run Blvd, flooding of nearby private properties, street flooding, and roadway damage. Catch basins and storm inlets once discharged to an open drainage channel along Stewart Avenue, however this is no longer operational as the road was recently paved and widened, eliminating the channel. Recognizing that the Saw Mill Run stream corridor is overwhelmed during relatively small rainfall events, PWSA desires to evaluate alternatives with an emphasis toward source control measures and other green strategies where peak flows from the Stewart Avenue runoff area can be possibly detained and mitigated. This project is subject to a cost share between the Pittsburgh Water and Sewer Authority and City of Pittsburgh.

PROJECT JUSTIFICATION:
This project is necessary to increase stormwater service and control in the area, which is currently lacking adequate stormwater infrastructure.

RISK(S):
Failing to complete this project will lead to persistent private property and roadway flooding, chronic depreciation of roadway conditions, and continued worsening flooding and impairment of Saw Mill Run.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,400,000	$1,515,389	$894,444	$0	$0	$3,809,833	Debt (Revenue Bonds)

Thomas and McPherson Stormwater Infrastructure Improvements

PROJECT NUMBER: 2018-GI-106-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
Installation of roadside bioretention features to capture and detain impervious road runoff in the North Point Breeze neighborhood of the City of Pittsburgh, which is a tributary to the A-42 combined sewer outfall.

PROJECT JUSTIFICATION:
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 in issues during wet weather events.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$854,905	$0	$0	$0	$0	$854,905	Debt (Revenue Bonds)

Volunteer's Field Stormwater Infrastructure Improvements

PROJECT NUMBER: 2018-GI-104-0/ 1
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
Project is located in the Carrick neighborhood of the City of Pittsburgh and is a tributary to Saw Mill Run. Installation of green infrastructure within the park to reduce sediment and other pollutant loads.

PROJECT JUSTIFICATION:
Required for compliance with the MS4 permit and EPA TMDL requirements. Project will also detain stormwater to reduce downstream flooding in Saw Mill Run.

RISK(S):
It may be difficult to comply with certain regulatory obligations prior to the completion of the project.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$413,125	$0	$0	$0	$0	$413,125	Debt (Revenue Bonds)

Wet Weather Program Projects

PROJECT NUMBER: 2023-500-102-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Regulatory Compliance, Safety, Operating Efficiency, Quality of Service, Organizational Goals, Social Impact

PROJECT DESCRIPTION:
This project is for improvements to the sewer system facilities to bring combined sewer overflows into compliance with the negotiated consent decree and to remediate sanitary sewer overflows.

PROJECT JUSTIFICATION:
This project is required to ensure PWSA meets regulatory requirements related to wet weather flow being directly discharged into the PWSA's combined sewer system.

RISK(S):
Failure to meet future regulatory requirements.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$500,000	$2,500,000	$10,000,000	$10,000,000	$10,000,000	$33,000,000	Debt (Revenue Bonds)

Wightman Park Phase 2 Project

PROJECT NUMBER: 2017-424-105-0 / 1
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Qualty of Service, Social Impact

PROJECT DESCRIPTION:
Project is located in the Squirrel Hill neighborhood of the City of Pittsburgh and is a tributary to the M-29 outfall. Stormwater management within the park itself as well as the necessary piping or inlet work to direct up to 3.25 impervious acres from the adjacent streets into the park. The Wightman Park project along with future street bioswale projects are expected to increase the impervious acres captured as well as alleviate reported sewer basement backups in the neighborhood around Wightman Park.

PROJECT JUSTIFICATION:
2.24 million gallons of stormwater runoff will be managed through this project in a typical year, producing downstream CSO reduction. The project will also improve the performance of adjacent, downstream sewers through peak flow reduction.

RISK(S):
Risk of fines due to sewer overflows or for non-compliance as outlined in the Consent Order and Agreement.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$182,166	$0	$0	$0	$0	$182,166	Debt (Revenue Bonds)

Woodland Road Stormwater Infrastructure Improvements

PROJECT NUMBER: 2018-GI-108-0
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

PROJECT DESCRIPTION:
Bioretention based GSI project to manage approximately 7 acres of impervious acres for 1.5" runoff event. Project location is in A-22 sewershed on the campus of Chatham University adjacent to Woodland Road

PROJECT JUSTIFICATION:
The project purpose is to reduce combined sewer overflows at the downstream A-22 outfall while also improving performance of the local combined sewer system that has experienced surcharge and flooding during intense rain events in downstream areas of Shadyside.

RISK(S):
Risk of service disruption.

IMPACT ON OPERATIONS:
Increased system reliability and improved system management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$245,256	$0	$0	$0	$0	$245,256	Debt (Revenue Bonds)

Woods Run Stream Removal Stormwater Infrastructure Improvements

PROJECT NUMBER: 2017-424-108-0 / 1
DSIC Eligible: No

PHASE:
Construction

PRIORITY:
Safety, Operating Efficiency, Qualty of Service

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" diameter combined sewer on Mairdale Avenue.

PROJECT JUSTIFICATION:
This project will separate wet weather flow being directly discharged into the PWSA'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 in issues during wet weather events.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$1,385,725	$1,364,127	$819,206	$0	$0	$3,569,058	Debt (Revenue Bonds)

Stormwater Contingency

PROJECT NUMBER: 2023-500-103-0
DSIC Eligible: No

PHASE:
Not Applicable

PRIORITY:
Not Applicable

PROJECT DESCRIPTION:
Stormwater contingency pass-through project.

PROJECT JUSTIFICATION:
Improved efficiency of capital improvement plan fund management.

RISK(S):
No identified risks.

IMPACT ON OPERATIONS:
Improved efficiency of capital improvement plan management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$0	$0	$0	$0	$0	$0	



Miscellaneous

2023 Capital Project Reclassification

PROJECT NUMBER: 2023-600-100-0
DSIC Eligible: No

PHASE:
Not Applicable

PRIORITY:
Operating Efficiency, Organizational Goals

PROJECT DESCRIPTION:
Annual capital project reclassification project.

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 PWSA assets.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$8,639,316	$0	$0	$0	$0	$8,639,316	Debt (Revenue Bonds)

New Headquarters and Operations Facility

PROJECT NUMBER: 2023-600-101-0
DSIC Eligible: No

PHASE:
Planning

PRIORITY:
Operating Efficiency, Quality of Service, Organizational Goals

PROJECT DESCRIPTION:
PWSA is searching for an area to build a new headquarters location that would also include a space for the operations division.

PROJECT JUSTIFICATION:
A new location would provide additional space that isneeded as a result of increased operations.

RISK(S):
Increased operational challenges.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$2,500,000	$15,000,000	$15,000,000	$32,500,000	$0	$50,000,000	Debt (Revenue Bonds)

Utility Cost Shares

PROJECT NUMBER: 2023-600-102-0
DSIC Eligible: No

PHASE:
Not Started

PRIORITY:
Operating Efficiency, Quality of Service, Organizational Goals

PROJECT DESCRIPTION:
This project will fund future cost sharing projects.

PROJECT JUSTIFICATION:
Cost sharing projects can provide a savings to the Authority.

RISK(S):
Cost sharing projects have the potential to be delayed due to coordination issues.

IMPACT ON OPERATIONS:
Increased operating flexibility and reliability.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	
Annual Allocation	$300,000	$500,000	$500,000	$500,000	$500,000	$2,300,000	Debt (Revenue Bonds)

Miscellaneous Contingency

PROJECT NUMBER: 2023-600-103-0
DSIC Eligible: No

PHASE:
Not Applicable

PRIORITY:
Not Applicable

PROJECT DESCRIPTION:
Miscellaneous contingency pass-through project.

PROJECT JUSTIFICATION:
Improved efficiency of capital improvement plan fund management.

RISK(S):
No identified risks.

IMPACT ON OPERATIONS:
Improved efficiency of capital improvement plan management.

CASH FLOW SUMMARY							FUNDING SOURCE(S)
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total	Debt (Revenue Bonds)
Annual Allocation	$0	$0	$0	$0	$0	$0	