



Community Lead Response Advisory Committee June 3, 2021 Meeting Minutes

Welcome and Introductions

On Conference Call:

Dan Duffy
Mora McLaughlin
Dominique Nunley
Barry King
Pete DeMarco
Erin Fure
Everett Skipper
Israel Gray
Christine Maloni Hoover
Julie Barg
Jim Kelly
Michelle Naccarati-Chapkis
Gina Miller
Sarah Viszneki
Sarah Stoner
Mike Blackhurst
Sarah Bolenbaugh
Elizabeth Marx
Will Pickering

Small Diameter Water Main Updates:

2020 SDWM:

- Started in June 2020, completion estimated in Fall 2021
- Three contractors replacing approximately 15 miles of mains, 2,141 public residential service lines.
- Water main installation at over 90% complete, 82% services completed.
- Two out of three contractors should finish early.
- Service Lines:
 - 98% agreement return rate for sites returned or not required.
 - 98% locations verified
 - Finding 28% lead lines on public, 25% on private.



- Replaced 1,759 public-side
- Replaced 386 private-side
- 25 partial replacements (2 of these sent agreements after partial occurred, we went back and replaced private side).

Elizabeth Marx: How many replacements are occurring in priority areas?

- **A lot of replacements were done in same areas of 2019 LSLR. When we planned LSLR, we removed 4-inch mains from work orders. So, we saved those sites for this work. This is similar in the 2021 work areas. We will provide further information.**

Elizabeth Marx: 25 partial replacements- were they terminated? How many were tenant-occupied?

- **All partials occurred prior to the PUC ban on partials**
- ***Don't know the breakdown of partials at tenant-occupied, we will look into it.***

2021 SDWM:

- Bus Rapid Transit project is ongoing. We avoided any work on Fifth and Forbes during the 2019 LSLR Program since replacement of these mains was planned for this project.
 - Agreement status at 64% - very good for this junction in the outreach process.
 - Have canvassed areas, two rounds of direct phone calls from Lead Help, and robocalls.
 - Agreement process gets gradually easier as time goes on and more people learn about our program.
 - Approximately 19,000 feet of water main to be replaced.
- No service lines replaced yet, still verifying materials.
- 2021 SDWM Contracts B&C are starting in July. No data yet.
 - Funded by PENNVEST – \$35 mil loan + ~\$4 mil grant money.
 - 12 miles of water main and 1,250 service lines slated across SDWM and BRT contracts for 2021.
- 2020, BRT Opt-Out Status:
 - 35 opt outs
 - 28 sites said they know their private side is non-lead. This was true at all but one site.
 - 7 “Other” – Lead Help immediately follows up to ask why.
 - If we find a lead line, we reengage with them to sign agreement and insist that they will be terminated if they don't agree to replacement.
 - No PWSA opt-outs as part of SDWM work.
 - If property is condemned, abandon the service line.
 - If property is vacant, we will proceed with termination.
- Outreach update:
 - Virtual public meetings.
 - Robocalls
 - Lead Help Direct phone calls
 - Door-to-door canvassing
 - Direct outreach for locations verified with private lead.
 - Project updates found on [website](#).



Overall LSLR Status Update:

- LSLR, Urgent, CEP are not active – those are static numbers: 5,136
- Emergency Operations replacements:
- Verified over 7,000 non lead
- Replaced over 8,500 public lead and over 5,000 private lead.

Gina Miller: What were the reasons for the “other” opt outs?

- **Dominique Nunley: Not sure – will review to determine the reasons.**
 - **All sites are verified.**
 - **No plans at this time to refresh notifications. Use 3-day and day-of notifications.**
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Termination Updates

- Protocol is fully implemented. Communication starts with 37-day letter. All mailings go to service address and mailing address. If they are different addresses, there is a posting at physical location as well.
- When we excavate curb stop and verify private lead, we mail 10-day notice to both locations.
- When contractor is ready to switch over service lines, do 3-day home visit + notice and day-of termination home visit. There is still 5 days after service line replacement. After that, termination will occur.
- Have sent several 37, 30, and 10-day postings. Have never reached point of terminating customer.
- Had one emergency termination by Field Operations team. Private side was lead and operations could not provide temporary service. Followed up with 10-day, 3-day, day-of notices. Property is vacant and water is still off.

Elizabeth Marx: Recommends there is another notice between 10-day and 3-day. We find that with regular terminations, people think that if they don't see anything happen after 10 days the issue is resolved. Also, what is the breakdown of tenants for the notices PWSA has already provided? It was explained that there is a minimum of 8 days between when the 3-day notice happens and the actual water service is removed.

Orthophosphate Update:

- 10-week cycles during which we adjusted treatment parameters, followed by testing.
- After 10-week period, submit report to DEP for review.



- 3rd period, recently completed: did not adjust anything. Team thinks we have reached good stabilization point.
- At this point, have not done anything else to treatment parameters.
- Finish report to DEP at end of week.
- Seeing good formation of scale on service lines.
- Up next: Two 6-month sampling rounds to confirm we are below compliance level. June-December sampling event, January-June 2021.
- If everything goes well, these will be our official treatment parameters going forward.

General Updates

- PUC settlement table will be included in meeting files.
- Web map continues to be updated.
- Customer request sampling program continues.

Reimbursement Program Update:

- Income based, similar to CEP.
- Those below 300% of FPL receives 100 reimbursement.
- 255 people have gone through income qualification. Majority of those (186) qualify for 100% reimbursement.
- 11 locations have completed all steps for reimbursement.

LSLR Plan

- Submitted in late March 2021.
- Plan: How PWSA will remove all known public and private side LSLs connected to residential structures.
- Summarizes current inventory.
 - Non-lead public: 45,319
 - Non-lead private: 37,510
 - Lead public: 10,995
 - Lead private: 28,171
 - Unknown public: 14,440
 - Unknown private: 4,997
 - Total residential public lines: 70,678



- Total residential private lines: 70,678
- Reviewed LTIP LSLR Plan.
- Updated planned replacements and inventory updates from 2021-2026.
 - SDWM and Waterline Relay
 - Urgent LSLR
 - Reimbursement Program
 - Meter Replacement Program.
 - Includes estimates related to cost, number of service lines per mile, and amount of public and private lead.
- Presented a plan for removing all remaining LSLs.
 - As we replace older lead service lines, we are seeing less need for emergency replacements.
 - Meter replacement helps with inventory.
- Also developed estimates on Reimbursement based on funding in CIP for next five years.
- By end of 2026, will have approximately 13K public lines remaining to be verified. Will still need to replace nearly 2,000 public and 5,800 private side lines.
- Current programs will fall short of goal of replacing everything by 2026. Inventory analysis has shown more lead than we had thought. Although, we've replaced more to-date than the LTIP estimated.
- We are not finding as much lead as we projected in LTIP.
- Conclusions:
 - Will have to formulate a neighborhood-based program again to meet goals. Will occur in 2024-2026.
 - Must highly-optimize replacing lead through SDWM programs going forward.
 - Work is dependent on funding.
- Conducting planning for SDWM areas for 2023-2026. Can plan this better with full inventory complete. Will be approximately 80 miles of water main replacement work over this time period.
- Evaluating ways in which we can update inventory further without having to excavate. With new LCR, there is a heightened interest in better inventory efforts. EPA is doing pilot program to use new sampling methods to find lead lines that we are participating in.
- Always looking for new funding mechanisms for this work. Looking to apply for more PENNVEST money in the fall.

Mike Blackhurst: Can you report on whether replacement criteria is matching what you're finding in the field? Would be helpful to report to CLRAC about precision. Is there a plan to deal with non-lead sites that may be inaccurately marked?

- **We are tracking that data currently. If we have a record that suggests lead and we find it's non-lead, we track that. Have not looked at it since working on inventory. Generally, historical record of lead is accurate 65-75% of time. Unknown sites were lead about 50% of time. Where we have historic non-lead records, it is very accurate - well over 90%. No current plans to excavate non-lead locations.**



Gina Miller: Understands that everything is inventory-driven – is there a new target date that replaces 2026?

- No, our goal remains 2026. Neighborhood program will help achieve this goal.
- All contingent on funding.
- This level of work will require \$120 million from 2024-2026.

Pete Demarco: Thank you for your work on the LSLR Plan. Have several questions about data used to classify lines as non-lead. Would be interested in EPA Pilot Program info and LSLR Plan document – would PWSA be working with a consultant? How is that work proceeding? Will follow up with email for responses to these?

- Will have follow up at fall meeting for some of these items.
- Pete will loop Mike Blackhurst in on email.

Housekeeping

- September for next meeting. First week of month will be holiday week, should we push it off?
 - **Elizabeth Marx:** would prefer after Labor Day. Several rate cases for PUC the week before.
- Topics:
 - Water main construction updates
 - Water main replacement planning updates
 - Other program updates
 - Reimbursement
 - Inactive CLRAC members:
 - We have plans for what to do when some resigns, want to get feedback from group for how to nudge those not participating? Will discuss in September.
 - **Mike Blackhurst:** If you want to approach people and not wait until September, he would be support of that.