



Department of Health  
Center for Drinking Water Quality  
Room 209, 3 Capitol Hill  
Providence RI 02908-5097  
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**CERTIFIED MAIL**

October 27, 2023

Gregg Giasson, PE, Deputy General Manager/Executive Engineer  
Providence Water  
125 Dupont Drive  
Providence, RI 02907

**RE: Approval - Project Specifications  
Accelerated Lead Service Line Replacement Program - DWSRF  
Providence Water Supply Board's Distribution System, PWSID# RI1592024**

Dear Mr. Giasson:

The Rhode Island Department of Health, Center for Drinking Water Quality (RIDOH) has received and reviewed the submitted application package dated 01/03/22 including project specifications entitled Accelerated Lead Service Line Replacement Program. The project specifications were prepared by CDM Smith. This project will be receiving funds from the Drinking Water State Revolving Fund (DWSRF). Our review consisted of an evaluation of the application package relative to the *Rhode Island Drinking Water State Revolving Fund Regulations* (216-RICR-50-05-6); the *Public Drinking Water Regulations* (the "Regulations"), (216-RICR-50-05-1); the *Recommended Standards for Water Works* (2018 Edition), issued by the Water Supply Committee of the Great Lakes - Upper Mississippi River Board of State and Provincial Public Health and Environment Managers (Ten State Standards); and applicable *American Water Works Association* standards.

**I. Project Description**

The work shall consist of the complete and simultaneous replacement of lead service lines throughout the Providence Water service area and the distribution of NSF 53 certified pitcher filters or point of use devices to customers whose lead service lines are replaced.

**II. Project Location**

The project limits are within the Providence Water service area.

### **III. Conditions of Approval**

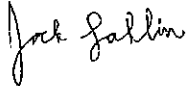
Upon review of the application, RIDOH hereby issues **Approval of the Project/Bid Specifications** for this project, with the following conditions:

1. At the time of bid, the prevailing wages that are most current as of the date of the bid must be included in the appendices of Section 00800, Supplementary Conditions.
2. Inform RIDOH when the project goes out to bid.
3. Submit a digital copy of the finalized bid document that goes out to bid, this document should be the exact same document that is presented to all potential bidders.
4. Ensure that bidders complete the Disadvantage Business Enterprise (DBE) forms as provided in the bid specifications of this project. **Failure to include these documents will deem a bid submission invalid and incomplete for consideration.**
5. Provide RIDOH notification with the date, time, and location of the pre-bid meeting.
6. Provide a copy of the Intent to Award notice.
7. RIDOH will require all Debarment & Suspension certification form(s) to be submitted for the primary contractor and all subcontractors.
8. Ensure that the selected bidder, i.e. contractor, submits the DBE work plan and receives an approved DBE work plan from the State's Office of Diversity Equity and Opportunity (ODEO). **The contract shall not be awarded until the DBE plan is approved by ODEO.**
9. Provide a copy of the Notice of Award.
10. Provide a copy of the contract agreement, this must be signed by the owner and primary contractor.
11. Provide a copy of the Notice to Proceed.
12. **Inform RIDOH of the pre-construction meeting.**
13. Ensure that the contractor is fully familiar with the Davis Bacon requirements including the State Labor Laws, Federal Labor Laws, and Prevailing Wages, that are required to be posted in locations easily seen by all workers on the project.
14. Ensure that the contractor is fully familiar with the Rhode Island prevailing wage requirements to maintain a daily log and submit monthly certified payrolls as required in the *Rhode Island Rules and Regulations Relating to Prevailing Wages*.

15. Per Federal requirements, initial and final employee interviews for *Davis-Bacon Labor Standards* must be conducted. A representative sample of interviews is required for the contractor and each subcontractor on the job site.
16. Ensure that the contractor is fully familiar with the Drinking Water State Revolving Fund requirements pertaining to Build America Buy America (BABA). Manufacturer BABA certification letters must be provided for all construction materials and manufactured goods prior to their installation.
17. Mount the Bipartisan Infrastructure Law sign in a location within the vicinity of the project as required by the *Drinking Water State Revolving Fund Program*.
18. At all times, the system shall be in compliance with the Public Drinking Water Supply Act (RIGL 46-13) and the Regulations as promulgated thereunder. Any and all conditions of approval shall have the same force and effect as regulations promulgated under the Act.
19. All equipment, piping and materials, associated appurtenances, and chemicals shall be designed specifically for use in public water systems and shall conform to ANSI/NSF Standards, particularly Standards 60 and 61. **If any materials or chemicals used deviates from that included in the application, manufacture cut sheets and the NSF 60/61 certifications must be provided to RIDOH.**
20. All work must be completed in accordance with the approved specifications. Any revisions to the approved specifications must be submitted to RIDOH for approval. RIDOH may require a new application if the revisions are deemed significant.
21. All work shall be accomplished in a manner to minimize bacterial contamination. Upon completion of the installation, appropriate chlorination shall be undertaken to ensure no bacterial contamination. New lines must be disinfected and tested for total coliform. If total coliform is detected, the lines must be disinfected and tested again.
22. Once construction is substantially complete, a conformance inspection must be performed. Please contact the undersigned to schedule the conformance inspection. The project will not receive final approval until such inspection has occurred and RIDOH is satisfied that the system was constructed in accordance with the approved plans or any subsequent approved revisions. Please contact the undersigned to schedule the conformance inspection.

RIDOH supports Providence Water efforts to improve its drinking water system. If you have any questions, please do not hesitate to contact me at 401-222-7786 or email me at [Jack.Sahlin@health.ri.gov](mailto:Jack.Sahlin@health.ri.gov) and Courtney Crane at [Courtney.Crane@health.ri.gov](mailto:Courtney.Crane@health.ri.gov).

Sincerely,



**Jack N. Sahlin, PE**  
Environmental Engineer IV

**Rhode Island Department of Health**  
Center for Drinking Water Quality

cc: Roger Biron, PW  
Norman Ripstein, PW  
Gary Marino, PW  
Peter LePage, PW  
Matthew Gallant, PW Amy Parmenter, RIDOH  
Emilie Brace, RIDOH  
Christina Millar, RIDOH  
Steven Cabral, Crossman Engineering



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## DRINKING WATER STATE REVOLVING FUND CERTIFICATE OF APPROVAL

Providence Water has met the program requirements of the Drinking Water State Revolving Fund (DWSRF) for the proposed Replacement of Lead Service Lines is eligible to apply for a DWSRF loan from the Rhode Island Infrastructure Bank. The improvements consist of the replacement of lead service lines within the Providence Water distribution system service area. Only lead service line replacements that result in simultaneous and complete replacement of both the public (water main to curb stop) and private (curb stop to water meter inside buildings) portions of the lead service lines will occur. It is the intent that the project will be funded through a DWSRF loan. Providence Water intends to apply for funding up to \$27,500,000.00 for the project. Providence Water has certified that it will comply with the requirements of applicable State and Federal laws in the application package. The following conditions detail certain specific requirements for this construction project:

1. In addition to the requirements in Providence Water's preliminary approval dated 10/27/23, if lead service lines are discovered, replaced, or disturbed, Providence Water shall provide notice and mitigation measures to the owner of the affected service line and the persons served by the service line in accordance with the Rhode Island Lead Poisoning Prevention Act (R.I. Gen. Laws § 23-24.6 *et seq.*) and the Lead and Copper Rule Revisions. Lead service line replacements will be complete and simultaneous. The replacement of water mains or meters connected to a lead service line shall be considered a lead service line disturbance. Mitigation measures include providing instructions for service line flushing and a filter pitcher or point-of-use device certified by an American National Standards Institute accredited certifier to reduce lead, instructions to use the filter, and six months of filter replacement cartridges to consumers before the affected service line is returned to service. Providence Water shall incorporate these mitigation measures into the technical specifications of its construction contract documents. Before distributing any filters to consumers, Providence Water must get approval from the Rhode Island Department of Health (RIDOH) for the type of filter it intends to provide. Providence Water may send an email attaching the filter's specifications, including the required certification, to RIDOH at [DOH.RIDWQ@health.ri.gov](mailto:DOH.RIDWQ@health.ri.gov) with "Service Line Inventory" in the subject line. Filters that are certified to comply with NSF Standard 53 for the removal of lead will meet the filter certification requirement. Additionally, Providence Water shall offer to collect a tap sample for lead analysis between three (3) and six (6) months following any lead service line replacement. Providence Water shall provide notice of the results to consumers within three (3) days of receiving the results if over 15 ppb and within 30 days if under 15 ppb.
2. Providence Water is responsible for obtaining any other necessary permits or approvals from any Federal or State agency with authority over the project or project area.
3. All engineering and construction related costs incurred prior to March 7, 2023 are ineligible for DWSRF Program Participation.
4. All applicable architectural/engineering reports including specifications and plans are to be submitted upon their availability.

5. All requests for payment for work must be accompanied by the appropriate documentation to demonstrate compliance with all requirements associated with DWSRF funding.
6. An approved Disadvantaged Business Enterprise (DBE) utilization plan shall be obtained from the State of Rhode Island prior to issuing the Notice to Proceed. A copy of the approved DBE utilization plan shall be sent to RIDOH for the project file.
7. Short-term excavation related impacts shall be mitigated by utilizing standard sedimentation and erosion control methods. Fugitive dust related impacts shall be mitigated by using standard dust control methods. Any water used for cleaning and disinfection must be discharged in accordance with American Water Works Association and Rhode Island Department of Environmental Management standards.

Amy B. Parmenter

Amy B. Parmenter (Oct 27, 2023 15:33 EDT)

Amy Parmenter, Chief Administrator  
Center for Drinking Water Quality

\_\_\_\_\_  
Date

Project Name: Replacement of Lead Service Lines

Project Number: DWSRF 23-07

Associated PPL: 2023



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**STATE OF RHODE ISLAND  
Department of Health  
Center for Drinking Water Quality  
Drinking Water State Revolving Fund Program**

**Categorical Exclusion**

The Rhode Island Department of Health, Center for Drinking Water Quality has reviewed the proposed lead service line replacement project submitted by the Providence Water and has concluded that the project qualifies for a CATEGORICAL EXCLUSION in accordance with the requirements of RIGL 46-12.8 and the Rhode Island Drinking Water State Revolving Fund regulations (216-RICR-50-05-6), dated April 2018. The proposed project, itself, or in combination with other projects will not impact the environment, and the information provided has met the statutory intent of the Federal Clean Water Act environmental review requirements and is sufficient to issue a CATEGORICAL EXCLUSION.

Project Name(s): Replacement of Lead Service Lines

DWSRF Program Number: DWSRF 23-07

Project Locations: The project limits are within the Providence Water distribution system service area.

Project Description: The improvements consist of the replacement of lead service lines within the Providence Water distribution system service area.

Anticipated Environmental Impacts: There are no anticipated environmental impacts.

Specific Requirements:

In addition to the requirements in Providence Water's preliminary approval dated 10/27/23, if lead service lines are discovered, replaced, or disturbed, Providence Water shall provide notice and mitigation measures to the owner of the affected service line and the persons served by the service line in accordance with the Rhode Island Lead Poisoning Prevention Act (R.I. Gen. Laws § 23-24.6 *et seq.*) and the Lead and Copper Rule Revisions. Lead service line replacements will be complete and simultaneous. The replacement of water mains or meters connected to a lead service line shall be considered a lead service line disturbance. Mitigation measures include providing instructions for service line flushing and a filter pitcher or point-of-use device certified by an American National Standards Institute accredited certifier to reduce lead, instructions to use the filter, and six months of filter replacement cartridges to consumers before the affected service line is returned to service.

Providence Water shall incorporate these mitigation measures into the technical specifications of its construction contract documents. Before distributing any filters to consumers, Providence Water must get approval from the Rhode Island Department of Health (RIDOH) for the type of filter it intends to provide. Providence Water may send an email attaching the filter's specifications, including the required certification, to RIDOH at [DOH.RIDWQ@health.ri.gov](mailto:DOH.RIDWQ@health.ri.gov) with "Service Line Inventory" in the subject line. Filters that are certified to comply with NSF Standard 53 for the removal of lead will meet the filter certification requirement. Additionally, Providence Water shall offer to collect a tap sample for lead analysis between three (3) and six (6) months following any lead service line replacement. Providence

Water shall provide notice of the results to consumers within three (3) days of receiving the results if over 15 ppb and within 30 days if under 15 ppb.

Specific Requirements (Continued):

All discharged water will be neutralized using materials and methods consistent with AWWA C655-18. Once the water has been dechlorinated it will be tested for residual chlorine which shall not exceed the RIDEM ambient water quality criteria of 0.019 ppm. Dechlorinated water shall be discharged into the storm sewer system with state and/or municipal approvals as applicable. Should artifacts or remains be encountered, the Narragansett Tribe and RI Historical Preservation & Heritage Commission will be contacted prior to further work in the impacted area. Wastes and washout from main cleaning and all cement work shall be properly disposed, and appropriate measures shall be employed to ensure such wastes do not enter storm drain infrastructure, sewers, waterways, and any wetlands in the area of project impact. Erosion and sedimentation controls shall be utilized as applicable to protect storm drainage infrastructure, waterways, and any wetlands in the area of project impact.

Amy B. Parmenter

Amy B. Parmenter (Oct 27, 2023 15:33 EDT)

Amy Parmenter, Chief Administrator  
Center for Drinking Water Quality

\_\_\_\_\_  
Date