PURISSIMA HILLS WATER DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS

6:30 P.M. WEDNESDAY SEPTEMBER 12, 2018

Steve Jordan (Teleconference)
7539 Tullymore Drive
Dublin, OH 43016
650-949-3800

Agenda

6:30  1. CALL TO ORDER, ROLL CALL, AND PLEDGE OF ALLEGIANCE

6:35  2. COMMENTS FROM THE PUBLIC

6:40  3. CONSENT CALENDAR
Items appearing on the Consent Calendar are considered routine and will be adopted in one motion, except for any item removed for separate consideration elsewhere on the agenda. The President will ask the Board and the audience for requests to remove these items.


B. APPROVAL AND RATIFICATION OF AUGUST 2018 DISBURSEMENTS PAID IN SEPTEMBER 2018 IN ACCORDANCE WITH RESOLUTION 2013-9 (DISBURSEMENTS SIGNED BY DIRECTOR HOLTZ, PATRICK WALTER, AND RAYLENE COLLINS)

C. FINANCIAL REPORTS FOR: INCOME AND CAPITAL IMPROVEMENT PLANS JULY 2018 REVENUES AND EXPENDITURES, BALANCE SHEETS

6:45  4. DISCUSS PROPOSAL TO LOS HILLS COUNTY FIRE DISTRICT (LAHCF) TO INITIATE DESIGN PHASE OF SHARED PROJECTS (Jordan) DISCUSSION/ACTION

7:00  5. APPROVE BALANCE OF $209,235 FOR PAKPOUR CONSULTING GROUP DESIGN PROPOSAL FOR THE TAAFFE AND ELENA RD. MAIN REPLACEMENT PROJECT DISCUSSION/ACTION

7:15  6. RESOLUTION 2018-06 DECLARING OFFICIAL INTENT TO REIMBURSE CERTAIN EXPENDITURES FROM THE PROCEEDS OF DEBT DISCUSSION/ACTION

7:20  7. ENGINEER’S REPORT UPDATE

7:25  8. ATTORNEY’S REPORT UPDATE

7:30  9. MANAGER’S REPORT UPDATE/DISCUSSION

A. UPDATE PURISSIMA RD. MAIN REPLACEMENT PROJECT

B. FIELD REPORT

BOARD OF DIRECTORS: R. N. ANDERSON • B. HOLTZ • S. A. JORDAN • P. EVANS • E. SOLOMON
C. CUSTOMER COMMUNICATIONS

7:40  10.  DIRECTORS’ REPORT  UPDATE/DISCUSSION

A. UPDATE LOS ALTOS HILLS EMERGENCY COMMUNICATION COMMITTEE (ECC) ANTENNA ON LA CRESTA TANK

B. BAWSCA, ACWA/JPIA, SCVWD, AND OTHER AGENCY ISSUES

C. DIRECTORS’ COMMENTS

7:50  11.  AGENDA ITEMS FOR OCTOBER 10, 2018 BOARD MEETING  DISCUSSION

8:00  12.  ADJOURNMENT

ASSISTANCE FOR PERSONS WITH DISABILITIES
In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the District Secretary at 650-948-1217. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting.

Copies of all agenda reports and supporting data are available for inspection at the District office, 26375 Fremont Road, Los Altos Hills, Ca. A complete agenda and minutes can also be found on the District’s website: http://www.purissimawater.org.
RESOLUTION NO. 2018-06

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
PURISSIMA HILLS WATER DISTRICT
DECLARING ITS OFFICIAL INTENT
TO REIMBURSE CERTAIN EXPENDITURES
FROM THE PROCEEDS OF DEBT

WHEREAS, the Purissima Hills Water District (the “District”) intends to pay the costs of Purissima Road Main Replacement Project (the “project costs”);

WHEREAS, the District anticipates that it will issue debt obligations in the form of a loan the payments under which would contain a separately stated interest component for the purpose of financing the project costs on a long-term basis;

WHEREAS, the District’s obligations under the loan will be considered debt for federal income tax purposes;

WHEREAS, the maximum principal amount of such debt expected to be issued to finance the project costs is $800,000;

WHEREAS, the District expects to pay certain project costs prior to the issuance of the debt obligations; and

WHEREAS, in order to obtain favorable treatment of expenditures of proceeds of the debt obligations used to reimburse the District’s prior expenditures, Treasury Regulations section 1.150-2 requires the District to declare its official intent to reimburse such prior project costs expenditures with proceeds of debt;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Purissima Hills Water District as follows:

1. Findings. The Board hereby finds and determines that the foregoing recitals are true and correct.

2. Official Intent. The District hereby states that it reasonably expects to reimburse its expenditures on project costs with proceeds of debt to be incurred by the District. The foregoing statement is a declaration of official intent that is made under and only for the purpose of establishing compliance with the requirements of Treasury Regulations section 1.150-2. This resolution does not bind the District to make any expenditure of project costs or to incur any debt for the project costs.

3. Additional Acts. The officers of the District, and each of them individually, are hereby authorized and directed, to do any and all things and to execute, deliver and perform any and all agreements and documents that they deem necessary or advisable in order to effectuate the purposes of this resolution. All actions heretofore taken by the officers of the District that are in conformity with the purposes and intent of this resolution are hereby ratified, confirmed and approved in all respects.
4. **Effective Date.** This resolution shall take effect from and after its adoption.

ADOPTED on September 12, 2018 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

________________________________________
President of the Board

ATTEST:

________________________________________
Secretary of the Board
September 7, 2018

Patrick Walter
General Manager
Purissima Hills Water District
26375 Fremont Road
Los Altos Hills, CA 94022

Subject: Proposal to prepare Plans, Specifications and Cost Estimate for Taaffe / Elena Roads Water Main Replacement – Phase II
Purissima Hills Water District

Dear Patrick,

Pakpour Consulting Group (PCG) is pleased to provide the following proposal to prepare Plans, Specifications and Cost Estimate for Phase II of the Taaffe/Elena Roads Water Main Replacement as identified in the District’s 2018 Capital Improvement Program (CIP). The project consists of 3 CIP projects including elements from 1) CIP 07-09 Elena/Taaffe Road Intertie, 2) CIP 11-03 Taaffe Road Water Main Replacement, and 3) CIP 13-09 Elena Road (North) Water Main Replacement. Following are brief backgrounds of each project pulled directly from each individual CIP exhibit (attached).

CIP 07-09 Elena/Taaffe Road Intertie
The Elena Tank and Pump Station is physically located in middle of the District’s distribution system making it an ideal location for distribution of water to both Zone 2 and Zone 3. Ultimately 2 additional Zone 3 pumps will be installed at the Elena Pump Station for a total of 3 pumps, 2 of which could operate concurrently for a total pumping discharge of approximately 1,700 gpm. The District is also pursuing purchasing or transferring water from Cal Water which would enter the distribution system along Robleda Road. The Elena Tank and Pump Station is the closest storage and pumping facility to this intertie making it an ideal location to distribute the new water. In anticipation of the upgrades to the Elena Pump Station, the District performed a hydraulic analysis to locate bottlenecks in the distribution system leading out of the pump station. The Elena / Taaffe Road Intertie consists of installing approximately 1,900 LF of 8" Ductile Iron Pipe (DIP) and 750 LF of 12" DIP connecting to various points along Elena Road. Distribution System Analysis No. 70

CIP 11-03 Taaffe Road Water Main Replacement
The water main along Taaffe Road from Vista Del Valle (J-574) to Dezhara Way (J-726) is an 8" Asbestos Cement (AC) water main. AC water main is brittle and subject to severe damage during seismic events. The District has reported several leaks along this stretch of water main. The upgraded water main along Taaffe Road will serve as part of the District backbone infrastructure leading from Elena Pump Station to the Altamont Tank Site. The Taaffe Road Water Main Replacement consists of replacing 3,200 LF of 8" AC with 12" Ductile Iron Pipe (DIP). Distribution System Analysis No. 70. This project when combined with CIP 13-09 completes the District’s backbone infrastructure between the recently completed Zone 2.5 and Neary Tank Utilization Phase I projects.
CIP 13-09 Elena Road (North) Water Main Replacement
This project replaces approximately 1,500 LF of 8" Cast Iron Pipe (CIP) with 12" Ductile Iron Pipe (DIP) water main in the heart of the District. The current water main is over 7 feet deep in certain areas and crosses a culvert on Elena Road which is susceptible to movement. This project starts at the recently constructed Zone 2.5 Project and continues the District's backbone infrastructure south to the Elena Tank and Pump Station. Distribution System Analysis No. 70.

Task 1.0 – Meetings/Field Investigations/Project Management
PCG will conduct meetings and field investigations with District staff during the design phase. This task also includes various project management tasks throughout Phase II.

Task 2.0 - Topographic Survey, Potholing, & Utility Coordination

Topographic Survey
Completed under Phase I.

Continued Utility Coordination
Utility notification was also included under Phase I. We will continue additional coordination throughout the design with the various utility companies to resolve potential conflicts in addition to coordination potential potholing activities.

Potholing
Along and adjacent to the proposed water main alignment there are numerous existing wet and dry-utilities. We recommend potholing all critical utility crossings to determine the horizontal and vertical location to reduce potential water main alignment conflicts. The potholing contractor will be responsible for coordinating USA markings in the field and providing 1-person traffic control for potholing operations.

Our potholing subconsultant will perform up to fifteen (15) utility potholes using air-vacuum excavation to verify the precise horizontal and vertical location of underground utilities. The exact pothole locations will be determined after the preliminary water main alignment is established. Once the requested utility has been exposed, pertinent utility data will be collected including the utility type, material composition, general soil characteristics, depth and a photo of the exposed utility. After utility data collection, the pothole will be restored to its previous condition using the appropriate backfill and surface restoration materials as required by the permitting authority. Potholes will be marked in the field with MAG nail in asphalt or chiseled X in concrete and pertinent utility data will be recorded on the ground surface with white paint displaying the pothole number, utility size, type and depth. Potholes performed in natural ground will be marked with a steel pin and pertinent utility data will be recorded on a wooden lath at each pothole location. The results of the field work will be presented in a Portable Document Format (PDF) report that will include: pertinent utility data, longitudinal and latitudinal coordinates (for reference purposes only) and photos.

Task 3.0 - Geotechnical / Environmental Investigations
Geotechnical and environmental investigations may be required for work within the cross-country alignment on the Elena Tank Site between the existing tanks/driveway and Elena Road below. It is unknown at the time of this proposal whether the cross-country portion will be open-trenched or directionally bored. Following survey completion, we will explore various alignment options for an optimal location accounting
for vegetation removal, the existing slope, existing retaining walls, and ultimately constructability. If the new water main is directionally bored, a geotechnical investigation will be needed. If the water main is open-trenched, an environmental investigation will be needed to determine the biological impacts. For proposal purposes, we assumed a placeholder value for this work based on previous projects. The value shown is for only one, geotechnical or environmental, investigation.

Task 4.0 - 60% Plans

The 60% progress plans will be prepared per District standards. The design drawings will be prepared in AutoCAD Civil 3D 2017. The 60% Plans will be submitted for review to the District. PCG will participate fully in this review process.

Task 5.0 - 90% Plans, Specifications, and Cost Estimates

The 60% plans submitted in the task above will be carried to 90% completion by adding details, additional notes, and addressing District and other agency comments along with preparing 90% technical specifications and cost estimate. Tie-in details will be provided for each intersection. The specifications will be in Microsoft Word format and will be incorporated into the District’s “boilerplate” to produce final bid documents. Bid quantities will be estimated for each item of work and a cost estimate prepared based on unit prices for each item. Unit prices will be determined based on recent bid tabulations from similar projects, job cost media such as Means, and discussions with local contractors.

Task 6.0 - Bid Documents (Final Plans, Specifications, and Cost Estimates)

Upon receiving 90% review comments, each comment will be reviewed, discussed, and addressed. Appropriate modifications will be made to the plans, technical specifications, and cost estimates. The plans and specifications will be finalized for the project including all notes/details and incorporating all comments received.

Task 7.0 - Advertisement/Award Period

PCG will administer the Advertisement and Award process on behalf of the District and will include written responses to bidder inquiries, preparation of contract addenda, and attendance at a pre-bid conference and site visit.

Proposed Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notice to Proceed</td>
<td>September 12, 2018</td>
</tr>
<tr>
<td>Survey Completion (Phase I)</td>
<td>November 2, 2018</td>
</tr>
<tr>
<td>60% Submittal</td>
<td>December 21, 2018</td>
</tr>
<tr>
<td>60% Submittal Review Meeting</td>
<td>January 11, 2019</td>
</tr>
<tr>
<td>90% Submittal</td>
<td>March 15, 2019</td>
</tr>
<tr>
<td>90% Submittal Review Meeting</td>
<td>March 29, 2019</td>
</tr>
<tr>
<td>Final Submittal</td>
<td>May 3, 2019</td>
</tr>
<tr>
<td>Advertisement Authorization</td>
<td>May 8, 2019</td>
</tr>
<tr>
<td>Award Project</td>
<td>June 12, 2019</td>
</tr>
<tr>
<td>Begin Construction</td>
<td>Early July 2019</td>
</tr>
</tbody>
</table>
## Proposed Budget

<table>
<thead>
<tr>
<th>TASK</th>
<th>DESCRIPTION</th>
<th>District Engineer</th>
<th>Project Engineer II</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>HR</td>
<td>COST</td>
<td>HR</td>
</tr>
<tr>
<td>1.0</td>
<td>Meetings/Field Investigations/Project Management</td>
<td>16</td>
<td>$3,040</td>
<td>80</td>
</tr>
<tr>
<td>2.0</td>
<td>Topographic Survey, Potholing, Utility Coordination</td>
<td>0</td>
<td>$0</td>
<td>40</td>
</tr>
<tr>
<td>3.0</td>
<td>Geotechnical / Environmental Investigations</td>
<td>10</td>
<td>$1,900</td>
<td>40</td>
</tr>
<tr>
<td>4.0</td>
<td>60% Plans</td>
<td>40</td>
<td>$7,600</td>
<td>360</td>
</tr>
<tr>
<td>5.0</td>
<td>90% Plans, Specifications, and Estimates (PSE)</td>
<td>20</td>
<td>$3,800</td>
<td>240</td>
</tr>
<tr>
<td>6.0</td>
<td>Bid Documents - Final PSE</td>
<td>20</td>
<td>$3,800</td>
<td>100</td>
</tr>
<tr>
<td>7.0</td>
<td>Advertisement / Award Period</td>
<td>10</td>
<td>$1,900</td>
<td>80</td>
</tr>
<tr>
<td><strong>Total Labor</strong></td>
<td></td>
<td>116</td>
<td>$22,040.00</td>
<td>940</td>
</tr>
</tbody>
</table>

Geotechnical or Environmental Survey $20,000
Potholing $25,000
5% Direct Expense Fee (Mileage, Copies, Plots, Etc.) $7,917
Phase II Total Budget for Design, and Advertisement Assistance $211,257

| Phase I Total Budget | $62,978 |
| Total Project Budget (Phase I + Phase II) | $274,235 |
| Less Phase I Board Resolution Amount (8/6/18) | ($65,000) |
| Revised Total Budget Request | $209,235 |

Should you have any questions regarding this proposal please do not hesitate to contact me at (925) 224-7717. We look forward to working with the District on this project.

Very truly yours,

*Papkour Consulting Group, Inc.*

Brandon Laurie, P.E.
Project Engineer

/J\Projects/PHWO - 10002.00\34-Taaffe-Elena Road Water Main Replacement\Contract\Agency\34-PHWO-Walter-18.09.07-Taaffe-Elena Rd Water Main Proposal-Phase II.docx
ELENA / TAAFFE ROAD INTERTIE

PROJECT BACKGROUND
The Elena Tank and Pump Station is physically located in middle of the District's distribution system making it an ideal location for distribution of water to both Zone 2 and Zone 3. Ultimately 2 additional Zone 3 pumps will be installed at the Elena Pump Station for a total of 3 pumps, 2 of which could operate concurrently for a total pumping discharge of approximately 1,700 gpm. The District is also pursuing purchasing or transferring water from Cal Water which would enter the distribution system along Roblede Road. The Elena Tank and Pump Station is the closest storage and pumping facility to this intertie making it an ideal location to distribute the new water. In anticipation of the upgrades to the Elena Pump Station, the District performed a hydraulic analysis to locate bottlenecks in the distribution system leading out of the pump station. The Elena / Taffe Road Intertie consists of installing approximately 1,900 LF of 8" Ductile Iron Pipe (DIP) and 750 LF of 12" DIP connecting to various points along Elena Road. Distribution System Analysis No.70

PROPOSED IMPROVEMENTS
Install 1,900 LF of 8" DIP
Replace 550 LF of 10" Cast Iron Pipe (CIP) with 12" DIP
Replace 200 LF of 8" CIP with 12" DIP
Abandon 250 LF of 6" Asbestos Cement (AC)
Abandon 250 LF of 6" CIP

PROJECT BENEFITS
The Elena / Taffe Road Intertie allows 2 pumps to operate concurrently at the Elena Pump Station along with abandoning a high risk cross country 6" AC between Vista Del Valle and Elena Road. Hydraulic modeling also indicated there would be improved water movement from the Elena Pump Station to Neary Tank decreasing pump cycling times under both current (1 pump) and ultimate build-out (3 pumps) conditions.

PROJECT BUDGET (rounded)

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; DIP - 1,900 LF</td>
<td>@ $350/LF</td>
<td>$665,000</td>
</tr>
<tr>
<td>12&quot; DIP - 750 LF</td>
<td>@ $450/LF</td>
<td>$337,500</td>
</tr>
<tr>
<td>Service Connections - 15 @ $3,500/EA</td>
<td></td>
<td>$52,500</td>
</tr>
<tr>
<td>Fire Hydrants - 1 @ $17,500/EA</td>
<td></td>
<td>$17,500</td>
</tr>
<tr>
<td>Tie-Ins - 5 @ $15,000/EA</td>
<td></td>
<td>$75,000</td>
</tr>
<tr>
<td>Subtotal Construction</td>
<td></td>
<td>$1,150,000</td>
</tr>
<tr>
<td>Planning, Design &amp; Construction Support</td>
<td></td>
<td>$175,000</td>
</tr>
<tr>
<td>Contingency (410%)</td>
<td></td>
<td>$135,000</td>
</tr>
<tr>
<td>Project Budget</td>
<td></td>
<td>$1,460,000</td>
</tr>
</tbody>
</table>

ELENA / TAAFFE ROAD INTERTIE
PROJECT 07-09
CAPITAL PROJECT SUMMARY - 2018 UPDATE

PAGE 3
OF 20
TAFFEE ROAD WATER MAIN REPLACEMENT

PROJECT BACKGROUND
The water main along Taaffe Road from Vista Del Valle (J-574) to Dezarahra Way (J-726) is an 8" Asbestos Cament (AC) water main. AC water main is brittle and subject to severe damage during seismic events. The District has reported several leaks along this stretch of water main. The upgraded water main along Taaffe Road will serve as part of the District backbone infrastructure leading from Elena Pump Station to the Altamont Tank Site. The Taaffe Road Water Main Replacement consists of replacing 3,200 LF of 8" AC with 12" Ductile Iron Pipe (DIP). Distribution System Analysis No. 70.

PROPOSED IMPROVEMENTS
Replace 3,200 LF of 8" AC with 12" DIP

PROJECT BENEFITS
The new 12" DIP water main installed as part of the Taaffe Road Water Main Replacement will serve as back bone infrastructure in the central part of the District increasing fire flow, reliability and will replace one of the last sections of AC water main in the hills west of Interstate 280. There will also be increased water movement from Elena Pump Station to Altamont Tank. There is a slight increase in fire protection upon completion of this project.

PROJECT BUDGET (rounded)

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; DIP - 3,200 LF @ $450/LF</td>
<td>$1,440,000</td>
</tr>
<tr>
<td>Service Connections - 17 @ $3,500/EA</td>
<td>$59,500</td>
</tr>
<tr>
<td>Fire Hydrants - 5 @ $17,500/EA</td>
<td>$87,500</td>
</tr>
<tr>
<td>Tie-Ins - 5 @ $15,000/EA</td>
<td>$75,000</td>
</tr>
<tr>
<td>Subtotal Construction</td>
<td>$1,660,000</td>
</tr>
<tr>
<td>Planning, Design &amp; Construction Support</td>
<td>$250,000</td>
</tr>
<tr>
<td>Contingency (41%)</td>
<td>$195,000</td>
</tr>
<tr>
<td>Project Budget</td>
<td>$2,105,000</td>
</tr>
</tbody>
</table>
ELENA ROAD (NORTH) WATER MAIN REPLACEMENT

PROJECT BACKGROUND
This project replaces approximately 1,500 LF of 8" Cast Iron Pipe (CIP) with 12" Ductile Iron Pipe (DIP) water main in the heart of the District. The current water main is over 7 feet deep in certain areas and crosses a culvert on Elena Road which is susceptible to movement. This project starts at the recently constructed Zone 2.5 Project and continues the District's backbone infrastructure south to the Elena Tank and Pump Station. Distribution System Analysis No. 70.

PROPOSED IMPROVEMENTS
Replace 1,500 LF of 8" CIP with 12" DIP

PROJECT BENEFITS
The Elena Road (North) Water Main Replacement replaces a deep 8" CIP water main crossing a culvert on Elena Road with a new 12" DIP water main while at the same time extending the District's backbone infrastructure south to the Elena Tank and Pump Station. There is a slight increase in fire protection upon completion of this project.

PROJECT BUDGET (rounded)

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; DIP - 1,500 LF @ $450/LF</td>
<td>$675,000</td>
</tr>
<tr>
<td>Service Connections - 9 @ $3,500/EA</td>
<td>$31,500</td>
</tr>
<tr>
<td>Tie-Ins - 3 @ $15,000/EA</td>
<td>$45,000</td>
</tr>
<tr>
<td>Subtotal Construction</td>
<td>$750,000</td>
</tr>
<tr>
<td>Planning, Design &amp; Construction Support</td>
<td>$150,000</td>
</tr>
<tr>
<td>Contingency (±10%)</td>
<td>$90,000</td>
</tr>
<tr>
<td>Project Budget</td>
<td>$990,000</td>
</tr>
</tbody>
</table>
Rate Increases Needed to Provide Funding for $18M Upgrade and Replacement of Aging Infrastructure

The District relies primarily on revenues from water service charges to fund the costs of providing service. As such, water rates must be set at levels adequate to fund the costs of operating and maintaining the water system, pay for wholesale water supplied by the San Francisco Public Utility Commission (SFPUC), and fund necessary capital improvements to keep the water system in good operating condition. The District remains committed to providing high-quality water service as cost-effectively as possible.

PHWD last approved a series of rate increases in 2015, with the largest increase in 2015, followed by wholesale cost-based increases in 2016 and 2017. As 2015 was in the middle of the multiyear drought, there was considerable uncertainty as to how our customers’ usage would grow or shrink, so the rates put in place allowed PHWD to maintain our current system, make necessary repairs, and complete tank upgrades to improve seismic resilience and water quality.

The Board has concluded PHWD needs to act now to address the aging or seismically vulnerable pipelines, which requires a significant increase in capital spending. Thus, we undertook a rate study earlier this year and have concluded we need to increase water rates while maintaining our tiered rate structure that rewards conservation and efficient water use. Currently, PHWD’s average water rates are the lowest of the major cities that use predominantly Hetch Hetchy water (agencies from Los Altos Hills / Palo Alto north to San Francisco) and comparable to Los Altos average rates. We expect that with the proposed rates under consideration, our rates will be similar to or slightly lower than most neighboring agencies’ rates.

The District management has examined our pipeline renewal requirements and identified an estimated cost of about $18 Million to replace the most critical over the next 10 years. The currently proposed rate increase raises $5M of funds over the next 3 years to replace about 1.5 miles of critical pipelines that were built in the 1960s and are undersized, seismically at risk and/or technically obsolete today. These critical water mains will be appropriately sized to enhance fire flows, using the latest material technology: ductile iron with flexible field lock joints. In addition, we are in discussions with Los Altos Hills County Fire District (LAHCFD) to replace and upsize additional pipelines to achieve improved fire flow to hydrants. The combined program would likely stretch to 4 years at a cost of $9M - $10M and address about 3 miles of pipeline. LAHCFD would likely fund most of the incremental cost.

At present PHWD has about 20 miles of cast iron mains which are about 50 years old and increasingly likely to fail due to corrosion. Thus beyond the current funding horizon we expect to use the current rate increase to fund both the remaining ($13M) of currently identified upgrades, as well as the remainder of the 20 miles of aged cast iron mains based on priorities we set every year that include leak experience, hydraulic modeling, and leak detection technology we hope to deploy. Our plan is to seek grants from Santa Clara Valley Water District to help fund the cost of deploying acoustic leak sensing technology for the aging cast iron mains.

You can learn more on our website about the Capital Improvement Program and the proposed rate increase: https://www.purissimawater.org

A public hearing on the rate increase will be held

October 10, 2018 6:30 p.m.
Los Altos Hills Town Hall Council Chambers