

ENGINEERING COMMITTEE MEETING AGENDA

September 14, 2022 – 4:00 P.M.
Phelan Community Center
4128 Warbler Road, Phelan, CA 92371
& Via Conference Call (see below)

THIS MEETING WILL BE CONDUCTED PURSUANT TO THE PROVISIONS OF AB361, WHICH EFFECTIVE OCTOBER 1, 2021, MODIFIED CERTAIN REQUIREMENTS OF THE RALPH M. BROWN ACT WITH RESPECT TO REMOTE TELECONFERENCE BOARD MEETINGS DURING PERIODS OF STATE-DECLARED EMERGENCIES.

Pursuant to AB361, and as a precaution to our Board of Directors, District staff, and general public as a result of the ongoing COVID-19 pandemic, the Phelan Piñon Hills Community Services District will hold this meeting of its Board of Directors both in-person at the above location and via teleconference or video conference. Members of the public may watch and participate in the meeting by physical attendance or by Zoom or telephone conference via the remote instructions below.

REMOTE PARTICIPATION INFORMATION:

Dial-in

(669) 444-9171
Meeting ID: 821 0979 0870
Passcode: 954322

Zoom

<https://us06web.zoom.us/j/82109790870?pwd=cXFTUzdNWHpUOVraU04MnBTd3hjUT09>
Meeting ID: 821 0979 0870
Passcode: 954322

One-Tap Mobile

+16694449171,,82109790870#

Remote Comment Procedure:

- You will be muted until you are called on during the public comment period.
- You will be recognized by the last 4 digits of your phone number or Zoom ID and asked if you have a comment.
 - If you do not have a comment, state “no comment.”
 - If you do have a comment, please state your name, where you live, and limit your comment to 5 minutes. After 5 minutes you may be muted so that others can comment.
- You may also email your public comment to the Board Secretary at kward@pphcsd.org by 4:00 p.m. on September 14, 2022. Your comment will be read into the record by the Board Secretary.

Please check the District website for updates on this meeting. We encourage you to sign up for our email notifications by emailing kward@pphcsd.org or by visiting our website and completing the signup form at www.pphcsd.org under the “Agendas and Minutes” tab.



Mission Statement:

The Mission of the Phelan Piñon Hills Community Services District is to efficiently provide authorized services and maximize resources for the benefit of the community.

Authorized Services:

- *Water*
- *Parks & Recreation*
- *Street Lighting*
- *Solid Waste & Recycling*

ENGINEERING COMMITTEE MEETING – 4:00 P.M.

Call to Order – Pledge of Allegiance

Roll Call1) **Approval of Agenda**

2) **Public Comment** – Under this item, any member of the public wishing to directly address the Board on any item of interest that may or may not be within the subject matter jurisdiction of the Board, but not listed on the agenda, may do so at this time. However, the Board is prohibited by law from taking any action on any item not appearing on the agenda unless the action is otherwise authorized by the Brown Act. Any member of the public wishing to directly address the Board on any item listed on the agenda may do so when the item is being considered by the Board. *If you wish to address the Board, please do so by the method listed on the first page of this agenda.* Speakers are requested to be brief in their remarks. The Chair may limit each speaker to a comment period of five (5) minutes.

3) **Approval of Minutes**4) **Oeste Recharge Study Project**5) **Discussion Regarding Water System**

- Pumps and Wells Services Agreement
- 10-Year Tank Rehabilitation & Maintenance Service
- Water Quality
- Service Line Replacement Program Update
- Other Repairs/Replacements/Updates/Maintenance

6) **Smithson Springs Update**7) **State Regulations Update**8) **Review of Current Projects**

- Pressure Zone 6
- New Well No. 15

9) **Staff Reports**10) **Review of Action Items**

- a) **Prior Meeting**
- b) **Current Meeting**

11) **Set Agenda for Next Meeting** – October 12, 202212) **Adjournment**

Pursuant to Government Code Section 54954.2(a), any request for a disability-related modification or accommodation, including auxiliary aids or services, that is sought in order to participate in the above-agendized public meeting should be directed to the District's General Manager at (760) 868-1212 at least 24 hours prior to said meeting.

Agenda materials can be viewed online at www.pphcsd.org

ENGINEERING COMMITTEE MEETING MINUTES

August 10, 2022 – 4:00 p.m.
Phelan Community Center
4128 Warbler Road, Phelan, CA 92371
& Remotely Via Zoom or Conference Call

Board Members Present: Mark Roberts, Director (Chair)
Kathy Hoffman, Director

Board Members Absent: None

Staff Present: Sean Wright, Water Operations Manager
Chris Cummings, Water Operations Assistant Manager
George Cardenas, Engineering Manager
Tony De La Rosa, Engineering Technician
Jennifer Oakes, Executive Management Analyst

Guests/Public: None

Call to Order

Director Roberts called the meeting to order at 4:00 p.m.

Roll Call

All Committee Members were present at Roll Call.

- 1) **Approval of Agenda**
Director Hoffman moved to approve the Agenda. Director Roberts seconded the motion. Motion passed unanimously.
- 2) **Public Comment** – None
- 3) **Approval of Minutes**
Director Hoffman moved to approve the Minutes. Director Roberts seconded the motion. Motion passed unanimously.
- 4) **Oeste Recharge Study Project**
Nothing new to report.
- 5) **Discussion Regarding Water System**
 - **Pumps and Wells Services Agreement**
Mr. Wright noted the agreement was utilized for an outage as a result of the recent electrical storm. In the process of rehabilitating Well 11. Well 14 has not been online this summer other than for sampling. There have been 5 SCE outages and the generators were deployed to keep water flowing.

- **10-Year Tank Rehabilitation & Maintenance Service**
Tank 1A-3 interior was cleaned.
- **Water Quality**
- **Service Line Replacement Program Update**
129 replaced this calendar year to date. Beginning air-vac maintenance for the year.
- **Other Repairs/Replacements/Updates/Maintenance**
Pipeline for new well will be delivered next week. The well permit has been pulled with the county and drilling is scheduled for October.

A written report is in the agenda packet for this meeting.

- 6) **Smithson Springs Update**
Mr. Wright reported that the flow is 1gpm at the upper weir and 0.5gpm at the lower weir.
- 7) **State Regulations Update**
Nothing new to report.
- 8) **Review of Current Projects**
 - **Pressure Zone 6**
Nothing new to report.
 - **New Well No. 15**
Mr. Cardenas reported all the permitting is completing.
 - **Phelan Road Widening**
County will begin working on turnouts this month. Received notice of CEQA for Phelan Rd. and Hwy 138 intersection. Not expected to begin until 2025-2026.
- 9) **Staff Reports**
Met with SCE about bringing power to the fill station which means power will be available for future Well No. 16. Staff will look at Tesla storage batteries for wells. Supply chain is affecting the availability of the meters for the Meter Replacement Program.
- 10) **Review of Action Items**
 - a) **Prior Meeting** – None
 - b) **Current Meeting** – Staff to investigate Tesla batteries for wells.
- 11) **Set Agenda for Next Meeting** – September 14, 2022
- 12) **Adjournment**
With no further business before the Committee, the meeting adjourned at 4:22 p.m.

Agenda materials can be viewed online at www.pphcsd.org



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 Phelan, CA 92329
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Water Operations Manager's Report August 2022

Introduction

The Phelan Piñon Hills Community Services District (District) maintains a large water distribution system that includes over three hundred & forty miles of water lines. The following are District statistics and information related to the operations of this distribution system and the quality of the water supplied to District customers.

Summary

The District's water distribution system is in compliance with the State Water Resources Control Board- Division of Drinking Water, The Environmental Protection Agency, Safe Drinking Water Act, Cal OSHA, and all other governing agencies.

Current chlorine demand has remained low and steady due to routine maintenance and flushing. Chlorine demand is found by subtracting the chlorine residual from the total chlorine added to the water system. A low chlorine demand indicates water-free or nearly free of pathogenic microorganisms.

Water Quality Samples

The following is a summary of all water quality samples collected this month and any pertinent information related to said samples.

TEST TYPE	NO. OF COLLECTIONS THIS MONTH	TESTING SCHEDULE	NOTES
Raw water and Bac-t samples	46 samples	Monthly	All in compliance, Sampled Weekly
General physical samples	6 samples	Monthly	All in compliance, Sampled Weekly
TTHM/HAA5	0 samples sets	Quarterly	All in compliance.
UCMR 4	0 sample sets	TBD	All in Compliance.
Inorganics	0 samples	Yearly	All in compliance.
Radiological (Gross Alpha)	0 samples	Every 3 Years	All in compliance.
Trichloropropane 1,2,3-TCP	0 samples	Quarterly	All in compliance.
Regulated VOC	0 samples	As needed	All in compliance.
Nitrate as N	0 samples	As needed	All in Compliance.
Chromium 6	0 samples	Quarterly	All in Compliance.
Secondary GP'S	0 samples	As needed	All in Compliance.
Uranium	0 samples	As needed	All in Compliance

Production and Service Order Report

The following is a summary of the District's water production and service orders for the current month.

Total Monthly Production	321.72 A. F. 15 % less than 2013 11% less than 2021
2013 Monthly Production	379.30 A. F.
USA's Marked	130
Service Orders Completed	491 service orders completed
Main/Service Line Leaks	75 service line leaks repaired. 1 Main line leak/ breaks repaired
Hydrant Repairs/Replacements	0 hydrant repaired/0 replaced
Residential Meters Sold	13
Commercial Meters Sold	0
YTD Total Meters Sold (Calendar)	63 (95 in 2021)
Construction Meters Out	4
Service Lines Replaced	9

Job Code Summary

Job Code	Total Completed
C-Lock - Lock	49
C-Read & Unlock-Open - Read & Unlock - Opening	12
C-Read & Unloc-OC-DM - Read & Unlock - Opening-OC-DM	47
D-Closing Read & Lck - Closing Read & Lock DO NOT USE	4
D-Closing Read-OC-DM - Closing Read & Lock-OC-DM DO NOT USE	0
M- Investigate Lock - Verify Meter Still Locked	30
M- Verify Acct Class - Verify Account Class	0
M- Water Audit - Audit Water Usage	3
M-Backflow - Backflow Information	0
M-Cost Estimate Req - Cost Estimate Request	0
M-Data - Data Log	12
M-Bees- Bees	0
M-Investigate Leak - Investigate Leak	0
M-Investigate No Wtr - Investigate No Water	2
M-Lock No N/O Info - Meter Locked No New Owner Info	0
M-Low/No Consumption - Investigate Low/No Consumption	7
M-Meter Leaking - Meter Leaking	1
M-Meter UTL - Buried - Meter UTL - Buried	2
M-Pressure Ck Hi-Low - Pressure Check Hi-Low	2
M-R/R Angle Stop - Repair/ Replace Angle Stop	0
M-R/R Gate Valve - Repair/ Replace Gate Valve	5
M-Read - Read (do not update Read)	3
M-Repair Svc Line - Repair Service Line	75
M-Repair/Install Box - Meter Box	0
M-Replace Serv Line - Replace Service Line	9

M-Stake Meter Loc - Stake Meter Location	0
M-Status - Status	6
M-Turn off-Cust Req - Turn off - Customer Request	6
M-UNLOCK – UNLOCK	30
M-Verify Leak Repair - Verify Leak Repaired	4
M-Water Loss Leak - Door Hanger Water Loss Leak	7
M-Water Quality Taste - Water Quality - Taste	0
S- Replace Register - Register Not Sending Signal	0
S- Meter Downsize - Meter Downsizing	0
Service Change - Service Status Change	0
S-Replace Mtr & Reg - Replace Entire Meter Max Life Usage	11
S-Replace Reg Hotrod - Replace Register Hotrod Died	53
S-Replace Register - Replace Register Mueller	0
S-Replace Mtr- Replace Entire Meter Bottom Seal Leaking	9
Grand Totals	491

Summary of Current Projects

The following is a brief summary of all current and completed projects for the reported period

- Well Soundings at all wells are being done monthly
- Well 11 Production loss due to holes in column pipe- SCADA monitoring of well meters avoided possible destruction of well casing due to jetting from holes. Well rehabilitation is underway 20% Complete.
- Well 14 Production for June 0.13 AF, YTD 2.09 AF @ \$1055 per AF replacement C/Y 2022
- Valves and Hydrants Maintenance: 0 hydrants flushed and painted YTD Total-42
- Service line replacement program on target to meet current established goals. 138 Replaced Calendar Year To Date, 10 Replaced Fiscal Year To Date
- Air-Vac maintenance & flushing program-1 Flushed & Maintenance YTD-72 of 336 Total Project 21% Complete
- Cla-Val automatic controls valves being systematically rebuilt as a water conservation measure- 15 Complete YTD Water savings from this project is 15 GPM and counting in conjunction with operational efficiency @ 7MG
- Water Meter Replacement Project- 2978 of 7201 Replaced – 42 % Complete
- Equipping Community Fill Station with 200 Amp Electric service- 20% Complete

Projects Completed

- Successfully deployed emergency backup generators to 4 locations on 3 occasions in June 5 events Total for 22
- 12" Ductile pipe received for well 15 on-site for installation once viability is determined - 100% Complete
- Tank 1A-3 Interior coating sand, blast, re-coat- 100% Complete
- Replacement of Booster motor B at site Well 10- 100% Complete
- Re-wiring of site 5A Boosters A, B, C and control wiring-100% Complete
- Well Meter and inter-tie Meter annual accuracy program FY 21/22- 100 % Complete
- Electrical Efficiency test performed @ every booster and well within the District- 100% Complete with summaries of notable replacements attached
- Oil Changes and greasing at all district wells 100% Complete Boosters 100 % Complete
- 0 Valves Turned this month as part of the district Valve Exercising Program, 152 Year To Date Turned of 4291
- 317 Dead ends flushed of 317 = every year no matter what < No goal, this is mandatory
- 1936 hydrants = 3 flushed this Year To Date 162 Painted Goal is 968 annually, this is done Bi-Annual
- Tank washouts of 1B-2,1B-1,3B,3C,1C-1,5A,1A-3, Well 2-1, 4A, Well 2-2, Zone G Complete
- "Z" meters locates & installs- 18 total 100% Complete
- 4,209,304 Gallons Dispensed from Community Fill Station YTD