

## ENGINEERING COMMITTEE MEETING AGENDA

May 11, 2022

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**

(720) 707-2699  
Meeting ID: 880 5333 1414  
Passcode: 797263

##### **Zoom**

<https://us06web.zoom.us/j/88053331414?pwd=dkZVL29sNTNFWHd3dG93dGtNMnc0Zz09>  
Meeting ID: 880 5333 1414  
Passcode: 797263

##### **One-Tap Mobile**

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#### **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](mailto:kward@pphcsd.org) by 4:00 p.m. on May 11, 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](mailto:kward@pphcsd.org) or by visiting our website and completing the signup form at [www.pphcsd.org](http://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 Call**1) **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** – June 8, 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 <http://www.pphcsd.org>

## **ENGINEERING COMMITTEE MEETING MINUTES**

April 13, 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  
Charlie Johnson (non-participating)

**Board Members Absent:** None

**Staff Present:** Don Bartz, General Manager  
Sean Wright, Water Operations Manager  
Chris Cummings, Water Operations Assistant Manager  
Tony De La Rosa, Engineering Technician  
Jennifer Oakes, Executive Management Analyst  
Aimee Williams, Administrative Technician II

**Guests/Public:** None

### **Call to Order**

Director Roberts called the meeting to order at 4:13 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**  
Mr. Wright reported that MWA completed 2 monitoring wells on site and is progressing according to their timeline.
- 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**

Mr. Wright provided an update on the water system. The service line replacement program is on track for the year. Tank 1A3 interior coating is approximately 75% complete and will be online May 1st. He stated the Wilson Ranch pipeline protection project is 90% done and will be completed at the end of the week. Drone footage was taken throughout the project and will be brought to a future meeting. Booster maintenance and tank washouts are complete. He reported on pump repairs/rehabs and included notes regarding cost savings and efficiency improvements.

6) **Smithson Springs Update**

Mr. Wright reported that the flow is 3.5gpm at the upper weir and 3gpm at the lower weir.

7) **State Regulations Update**

Ms. Oakes stated that there are no new updates at this time.

Mr. Wright reported that a preliminary MCL for Chromium-6 should be adopted by 2024, with full implementation expected in 2028. The new MCL is expected to be 10 ppb and the District currently has two wells that are slightly over that number. The District will be applying for a grant for well funding.

8) **Review of Current Projects**

- **Pressure Zone 6**

Nothing new to report.

- **New Well No. 15**

Mr. Wright reported that staff will be seeking adoption of CEQA and approval for drilling of Well No. 15 at the next meeting.

9) **Staff Reports**

Mr. Wright commended field staff for the work done on the Wilson Ranch project.

10) **Review of Action Items**

a) **Prior Meeting** – None

b) **Current Meeting** – None

11) **Set Agenda for Next Meeting** – May 11, 2022

12) **Adjournment**

With no further business before the Committee, the meeting adjourned at 4:30 p.m.

Agenda materials can be viewed online at <https://www.pphcsd.org>



## Water Operations Manager's Report April 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	48 samples	Monthly	All in compliance, Sampled Weekly
General physical samples	6 samples	Monthly	All in compliance, Sampled Weekly
TTHM/HAA5	4 samples sets	Quarterly	All in compliance.
UCMR 4	0 sample sets	TBD	All in Compliance.
Inorganics	1 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	1 samples	As needed	All in compliance.
Nitrate as N	3 samples	As needed	All in Compliance.
Chromium 6	4 samples	Quarterly	All in Compliance.
Secondary GP'S	1 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.

<b>Total Monthly Production</b>	239.06 A. F. 2 % less than 2013
<b>2013 Monthly Production</b>	244.36 A. F.
<b>USA's Marked</b>	266
<b>Service Orders Completed</b>	354 service orders completed
<b>Main/Service Line Leaks</b>	24 service line leaks repaired. 0 Main line leak/ breaks repaired
<b>Hydrant Repairs/Replacements</b>	1 hydrant repaired/1 replaced
<b>Residential Meters Sold</b>	11
<b>Commercial Meters Sold</b>	0
<b>YTD Total Meters Sold (Calendar)</b>	32 (95 in 2021)
<b>Construction Meters Out</b>	6
<b>Service Lines Replaced</b>	1

### Job Code Summary

<b>Job Code</b>	<b>Total Completed</b>
C-Lock - Lock	51
C-Read & Unlock-Open - Read & Unlock - Opening	9
C-Read & Unloc-OC-DM - Read & Unlock - Opening-OC-DM	75
D-Closing Read & Lck - Closing Read & Lock DO NOT USE	5
D-Closing Read-OC-DM - Closing Read & Lock-OC-DM DO NOT USE	1
M- Investigate Lock - Verify Meter Still Locked	9
M- Verify Acct Class - Verify Account Class	0
M- Water Audit - Audit Water Usage	1
M-Backflow - Backflow Information	0
M-Cost Estimate Req - Cost Estimate Request	2
M-Data - Data Log	3
M-Bees- Bees	0
M-Investigate Leak - Investigate Leak	1
M-Investigate No Wtr - Investigate No Water	1
M-Lock No N/O Info - Meter Locked No New Owner Info	0
M-Low/No Consumption - Investigate Low/No Consumption	0
M-Meter Leaking - Meter Leaking	0
M-Meter UTL - Buried - Meter UTL - Buried	0
M-Pressure Ck Hi-Low - Pressure Check Hi-Low	4
M-R/R Angle Stop - Repair/ Replace Angle Stop	1
M-R/R Gate Valve - Repair/ Replace Gate Valve	3
M-Read - Read (do not update Read)	5
M-Repair Svc Line - Repair Service Line	24
M-Repair/Install Box - Meter Box	3
M-Replace Serv Line - Replace Service Line	1

M-Stake Meter Loc - Stake Meter Location	0
M-Status - Status	6
M-Turn off-Cust Req - Turn off - Customer Request	3
M-UNLOCK – UNLOCK	26
M-Verify Leak Repair - Verify Leak Repaired	3
M-Water Loss Leak - Door Hanger Water Loss Leak	1
M-Water Quality Taste - Water Quality - Taste	1
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	15
S-Replace Reg Hotrod - Replace Register Hotrod Died	18
S-Replace Register - Replace Register Mueller	0
S-Replace Mtr- Replace Entire Meter Bottom Seal Leaking	9
Grand Totals	354

### **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
- Smithson Springs last cleaned December 2021- Current flow 2.5 GPM Upper Weir, 2 GPM Lower Weir
- Well 14 Production for April 0.36 AF, YTD 1.34 AF
- Valves and Hydrants Maintenance: 37 hydrants flushed and painted YTD Total-37
- Service line replacement program on target to meet current established goals. 84 Replaced Calendar Year To Date, 118 Replaced Fiscal Year To Date
- Air-Vac maintenance & flushing program-0 Flushed & Maintenance YTD-70 of 336 Total Project 21% Complete
- Cla-Val automatic controls valves being systematically rebuilt as a water conservation measure- 8 Complete YTD Water savings from this project is 10 GPM and counting @ 5MG
- Water Meter Replacement Project- 2723 of 7050 Replaced – 39 % Complete

### **Projects Completed**

- Rehabilitation of pump and motor at 3B Booster A- 100% Complete
- Rehabilitation of pump and motor at 4B Booster A- 100% Complete
- Rehabilitation of pump and motor at 5B Booster A- 100% Complete
- Rehabilitation of pump and motor at 7B Booster A-100% Complete
- Diving cleaning of Zone G Reservoir- 100% Complete
- Tank 1A-3 Interior coating sand, blast, re-coat- 100% Complete
- Replacement of Booster B at Station 12- 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 district Valve Exercising Program, 63 Year To Date Turned of 4291
- 317 Dead ends flushed of 317 = every year no matter what < No goal, this is mandatory
- 1936 hydrants = 0 flushed this Year To Date 154 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



- Wilson Ranch Road Pipeline Protection Project- Drone images of before & after to follow- 100% Complete













