

## ENGINEERING COMMITTEE MEETING AGENDA

June 21, 2023 – 4:30 P.M.  
Phelan Community Center  
4128 Warbler Road, Phelan, CA 92371  
& Via Conference Call (see below)

### ENGINEERING COMMITTEE MEETING – 4:30 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

- New Well No. 15
- Well No. 17

#### 9) Review of Capital Projects

#### 10) Staff Reports



#### 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

**11) Review of Action Items**

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

**12) Set Agenda for Next Meeting – July 19, 2023****13) 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](http://www.pphcsd.org)

**Remote Viewing:**

To watch the livestream (view only – nonparticipating), visit our YouTube channel:

[PPHCSD YouTube Channel Link](#)

**Remote Participation:**

To provide public comment, or otherwise participate remotely, select the meeting you wish to attend on the District's website and then click the "Join Remote Meeting" option.

<https://www.pphcsd.org/meetings>

*Please be advised that remote participation and livestreaming options are provided as a courtesy to the public and technical issues could occur, resulting in delays or the inability to participate remotely or livestream. It is recommended that you attend in person to ensure you are able to participate.*

**Written Comments:**

You may also email your public comment to the Board Secretary at [ksevy@pphcsd.org](mailto:ksevy@pphcsd.org) by the meeting start time listed on this agenda. Your comment will be added to 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 [ksevy@pphcsd.org](mailto:ksevy@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.*

## **SPECIAL ENGINEERING COMMITTEE MEETING MINUTES**

May 23, 2023 – 4:30 p.m.  
Phelan Community Center  
4128 Warbler Road, Phelan, CA 92371  
& Remotely Via Zoom or Conference Call

**Board Members Present:** Mark Roberts, Director (Chair)  
Rebecca Kujawa, President

**Staff Present:** Don Bartz, General Manager  
George Cardenas, Engineering Manager  
Kim Sevy, HR & Solid Waste Manager/District Clerk  
Sean Wright, Water Operations Manager  
Chris Cummings, Water Operations Assistant Manager  
Tony De La Rosa, Engineering Technician

### **Call to Order**

Director Roberts called the meeting to order at 4:37 p.m.

### **Roll Call**

All Committee Members were present at Roll Call.

#### 1) **Approval of Agenda**

Vice President Roberts moved to approve the Agenda. President Kujawa seconded the motion. Motion passed unanimously.

#### 2) **Public Comment** – None

#### 3) **Approval of Minutes**

President Kujawa moved to approve the Minutes. Vice President Roberts seconded the motion. Motion passed unanimously.

#### 4) **Oeste Recharge Study Project**

Mr. Wright provided an update.

#### 5) **Discussion Regarding Water System**

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

Mr. Wright reported on Well 14 utilization, meter change outs, Tank 1-C maintenance, and upcoming dive inspection.

- 6) **Smithson Springs Update**  
Mr. Wright reported on vegetation growth.
- 7) **State Regulations Update**  
An update on conservation is going to the Board at the second meeting in June.
- 8) **Review of Current Projects**
  - **Pressure Zone 6**
  - **New Well No. 15**
  - **Well No. 17**Mr. Wright and Mr. Cardenas provided updates on the current projects.
- 9) **Review of Capital Projects**  
The committee reviewed the capital projects.
- 10) **Staff Reports**  
Nothing new to report; a written report is in the packet.
- 11) **Review of Action Items**
  - a) **Prior Meeting**
    - Well 14 Construction Diagrams – Complete
  - b) **Current Meeting**
    - None
- 12) **Set Agenda for Next Meeting** – June 21, 2023
  - Remove Pressure Zone 6
- 13) **Adjournment**  
With no further business before the Committee, the meeting adjourned at 5:26 p.m.

Agenda materials can be viewed online at [www.pphcsd.org](http://www.pphcsd.org)



## Water Operations Manager's Report May 2023

### 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, the 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	56 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.
Title 22	1 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	4 samples	As needed	All in Compliance.
Chromium 6	2 samples	Quarterly	All in Compliance.
Secondary GP'S	1 samples	As needed	All in Compliance.
Uranium	1 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>	246.78 A. F. 9 % less than 2022
<b>2022 Monthly Production</b>	270.59 A. F.
<b>USA's Marked</b>	564
<b>Service Orders Completed</b>	629 service orders completed
<b>Main/Service Line Leaks</b>	29 service line leaks repaired. 1 Main line leak/ breaks repaired
<b>Hydrant Repairs/Replacements</b>	0 hydrant repaired/0 replaced
<b>Residential Meters Sold</b>	5
<b>Commercial Meters Sold</b>	0
<b>YTD Total Meters Sold (Calendar)</b>	12 (86 in 2022) (95 in 2021)
<b>Construction Meters Out</b>	3
<b>Service Lines Replaced</b>	0

### Job Code Summary

<b>Job Code</b>	<b>Total Completed</b>
C-Lock - Lock	78
C-Read & Unlock-Open - Read & Unlock - Opening	3
C-Read & Unlock-OC-DM - Read & Unlock - Opening-OC-DM	42
D-Closing Read & Lck - Closing Read & Lock DO NOT USE	3
D-Closing Read-OC-DM - Closing Read & Lock-OC-DM DO NOT USE	3
M- Investigate Lock - Verify Meter Still Locked	22
M- Verify Acct Class - Verify Account Class	0
M- Water Audit - Audit Water Usage	2
M-Backflow - Backflow Information	0
M-Cost Estimate Req - Cost Estimate Request	1
M-Data - Data Log	2
M-Bees- Bees	1
M-Investigate Leak - Investigate Leak	2
M-Investigate No Wtr - Investigate No Water	3
M-Lock No N/O Info - Meter Locked No New Owner Info	0
M-Low/No Consumption - Investigate Low/No Consumption	13
M-Meter Leaking - Meter Leaking	0
M-Meter UTL - Buried - Meter UTL - Buried	0
M-Pressure Ck Hi-Low - Pressure Check Hi-Low	0
M-R/R Angle Stop - Repair/ Replace Angle Stop	2
M-R/R Gate Valve - Repair/ Replace Gate Valve	5
M-Read - Read (do not update Read)	0
M-Repair Svc Line - Repair Service Line	29
M-Repair/Install Box - Meter Box	0
M-Replace Serv Line - Replace Service Line	0

M-Stake Meter Loc - Stake Meter Location	11
M-Status - Status	2
M-Turn off-Cust Req - Turn off - Customer Request	2
M-UNLOCK – UNLOCK	26
M-Verify Leak Repair - Verify Leak Repaired	2
M-Water Loss Leak - Door Hanger Water Loss Leak	6
M-Water Quality Taste - Water Quality - Taste	3
S- Replace Register - Register Not Sending Signal	285
S- Meter Downsize - Meter Downsizing	0
Service Change - Service Status Change	0
S-Replace Mtr & Reg - Replace Entire Meter Max Life Usage	0
S-Replace Reg Hotrod - Replace Register Hotrod Died	3
S-Replace Register - Replace Register Mueller	0
S-Replace Mtr- Replace Entire Meter Bottom Seal Leaking	7
Grand Totals	629

### 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 14 Production for April 0.19 AF, YTD .89 AF @ \$1055 per AF replacement C/Y 2023
- Valves and Hydrants Maintenance: 0 hydrants flushed and painted YTD Total-63
- Service line replacement program on target to meet current established goals. 6 Replaced Calendar Year to Date, 52 Replaced Fiscal Year to Date
- Air-Vac maintenance & flushing program-0 Flushed & Maintenance YTD-0 of 336 Total Project 0% Complete
- Cla-Val automatic controls valves being systematically rebuilt as a water conservation measure- 19 Complete YTD Water savings from this project is 17 GPM and counting in conjunction with operational efficiency @ 7MG
- Water Meter Replacement Project- 4874 of 7204 Replaced – 68 % Complete
- Tank 1C-2 Interior coating sand, blast, re-coat- 50% Complete
- Outfitting & Equipping of Mountain well (Well 17)- 90% Complete
- Drilling, Outfitting, and Equipping of Well # 15- 50% Complete (Started 12/5/22)
- Pipeline Protection Project phase 3- Sonora Rd between Phelan Rd & Hollister- 100% Complete
- Pinon Hills Pipeline Project- 1,270' on Pinon Hills Rd- 100% Complete

### Projects Completed

- Well 15 Pipeline 5900' of 12" Ductile Iron Installed -100% Complete.
- Booster 3A-B Suction can hole repair- 100% Complete
- Well Meter and inter-tie Meter annual accuracy program FY 22/23- 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, 41 Year to Date Turned of 4291
- 148 Dead ends flushed of 317 = every year no matter what < No goal, this is mandatory
- 1936 hydrants = 49 flushed this Year to Date 162 Painted Goal is 968 annually, this is done Bi-Annual
- Tank washouts of 10&11, 3B,2A-1,4B,3A,2A,4A,5A,1A-2 Complete
- Well 6B pedestal raised to 24", discharge piping replaced 100% Complete

TOTAL ACCUMULATED VOLUME  
**1,982,467** Gallons

TOTAL ACCUMULATED REVENUE  
**\$32,954.39**

