

SPECIAL ENGINEERING COMMITTEE MEETING AGENDA

November 18, 2020 – 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 THE GOVERNOR'S EXECUTIVE ORDER N-29-20, DATED MARCH 17, 2020, WHICH SUSPENDS CERTAIN REQUIREMENTS OF THE RALPH M. BROWN ACT.

The Phelan Pinon Hills Community Services District is continuing to hold Board meetings to conduct essential District business. Pursuant to the Governor's Executive Order, members of the Board may attend the meeting via teleconference or video conference and will participate in the meeting to the same extent as if they were present. Members of the public may watch and participate electronically in the meetings via Zoom or telephone conference. As a result of the Executive Order to stay home, in person participation at Board meetings will not be allowed at this point in time.

REMOTE PARTICIPATION INFORMATION:

Dial-in

(669) 900-9128
Meeting ID: 978 4679 1233
Passcode: 543345

Zoom

<https://zoom.us/j/97846791233?pwd=VmV2akpqQk1FY3FDYU9IMTRZNU5vZz09>
Meeting ID: 978 4679 1233
Passcode: 543345

One-Tap Mobile

+16699009128,,97846791233#

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 November 18, 2020. 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. Agenda materials can be viewed online at <http://www.pphcsd.org>



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

SPECIAL 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 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
- Other Repairs/Replacements/Updates/Maintenance

6) **Smithson Springs Update**7) **Ducommun – Dairy Well Discussion**8) **State Regulations Update**9) **Service Line Replacement Program Update**11) **Review of Current Projects**

- Pressure Zone 6
- Highway 138

12) **Staff Reports**13) **Review of Action Items**a) **Prior Meeting**

- Tank Maintenance Agreement to Board
- Update on Service Line Replacement Program to the Board

b) **Current Meeting**14) **Set Agenda for Next Meeting** – December 9, 202015) **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.



SPECIAL ENGINEERING COMMITTEE MEETING MINUTES

October 28, 2020
Phelan Community Center
4128 Warbler Road, Phelan, CA 92371
& Remotely Via Zoom or Conference Call

Board Members Present: Charlie Johnson, President (Non-Participating)
Kathy Hoffman, Vice President
Mark Roberts, Director

Board Members Absent: None

Staff Present: George Cardenas, Engineering Manager
Kim Ward, HR Manager/Executive Secretary
Sean Wright, Water Operations Manager
Cindy Kecskes, Engineering/GIS Technician
Jennifer Oakes, Water Conservation Program Admin.)

Guests/Public: Tony Winkel, Mojave Water Agency
Matt Johnson, Mojave Water Agency

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**

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

2) **Public Comment** – None

3) **Approval of Minutes**

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

4) **Oeste Recharge Study Project**


Mr. Winkel from Mojave Water Agency provided a presentation on the proposed recharge project.

5) **Discussion Regarding Water System**

- **Pumps and Wells Services Agreement**

Mr. Wright reported that Well 2 went down and is being repaired. Well 6b is back online. Well 9a permitting will begin soon.



- **10-Year Tank Rehabilitation & Maintenance Service**
Mr. Wright reported the agreement will be going to the Board after legal review.
 - **Water Quality**
Nothing further to report.
 - **Other Repairs/Replacements/Updates/Maintenance**
Mr. Wright reported the foundations for the new towers for the new meters are being poured. A notification will be going out in the next bill before the towers are installed.
- 6) **Smithson Springs Update**
Mr. Wright reported that CalFire does not have any crews available since many of the convicts were released due to Covid-19. Staff will begin routine maintenance at the site.
- 7) **Ducommun – Dairy Well Discussion**
Nothing new to report.
- 8) **State Regulations Update**
Nothing new to report.
- 9) **Service Line Replacement Program Update**
12 services were replaced this month; 111 this year to date. There has been a noticeable difference in staff time repairing leaks.
- 10) **Tank 6A – Hydro-Pneumatic Tank Update**
The tank is online. The project is complete.
- 11) **Review of Current Projects**
- **Pressure Zone 6**
IEC is finalizing the model.
 - **Highway 138**
CalTrans noticed the project and the District received a pothole request.
- 12) **Staff Reports**
A written report was provided in the packet.
- 13) **Review of Action Items**
- a) **Prior Meeting**
 - Well 9A to Board
 - Tank Maintenance Agreement to Board (November)
 - b) **Current Meeting**
 - Tank Maintenance Agreement to Board
 - Update on Service Line Replacement Program to Board (Future Item)
- 14) **Set Agenda for Next Meeting** – December 9, 2020
- Remove Item 10
- 

15) **Adjournment**

With no further business before the Board, the meeting adjourned at 4:35 p.m.

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





Phelan Piñon Hills Community Services District

4176 Warbler Rd. Phelan CA 92371 • P. O. Box 294049 • Phelan, CA 92329-4049 • (760) 868-1212 Fax (760) 868-2323

Water Operations Manager's Report October 2020

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	41 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	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 SOC	0 samples	As needed	All in compliance.
Nitrate as N	0 samples	As needed	All in Compliance.
Chromium 6	13 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	282.20 A. F. 17 % more than 2013
2013 Monthly Production	232.96 A. F.
USA's Marked	794
Service Orders Completed	368 service orders completed
Main/Service Line Leaks	47 service line leaks repaired. 0 Main line leak/ breaks repaired
Hydrant Repairs/Replacements	1 hydrant repaired/0 replaced
Residential Meters Sold	9
Commerical Meters Sold	0
YTD Total Meters Sold (Calendar)	65
Construction Meters Out	7
Service Lines Replaced	16

Job Code Summary

Job Code	Total Completed
C-Lock - Lock	0
C-Read & Unlock-Open - Read & Unlock - Opening	19
C-Read & Unloc-OC-DM - Read & Unlock - Opening-OC-DM	69
D-Closing Read & Lck - Closing Read & Lock DO NOT USE	2
D-Closing Read-OC-DM - Closing Read & Lock-OC-DM DO NOT USE	1
M- Investigate Lock - Verfiy Meter Still Locked	0
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	1
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	20
M-Low/No Consumption - Investigate Low/No Consumption	1
M-Meter Leaking - Meter Leaking	3
M-Meter UTL - Buried - Meter UTL - Buried	1
M-Pressure Ck Hi-Low - Pressure Check Hi-Low	4
M-R/R Angle Stop - Repair/ Replace Angle Stop	0
M-R/R Gate Valve - Repair/ Replace Gate Valve	2
M-Read - Read (do not update Read)	26
M-Repair Svc Line - Repair Service Line	47
M-Repair/Install Box - Meter Box	1

M-Replace Serv Line - Replace Service Line	16
M-Stake Meter Loc - Stake Meter Location	1
M-Status - Status	2
M-Turn off-Cust Req - Turn off - Customer Request	2
M-UNLOCK – UNLOCK	1
M-Verify Leak Repair - Verify Leak Repaired	8
M-Water Loss Leak - Door Hanger Water Loss Leak	2
M-Water Quality Tast - Water Quality - Taste	2
S- Replace Register - Register Not Sending Signal	23
S- Meter Downsize - Meter Downsizing	0
Service Change - Service Status Change	2
S-Replace Mtr & Reg - Replace Entire Meter Max Life Usage	0
S-Replace Reg Hotrod - Replace Register Hotrod Died	0
S-Replace Register - Replace Register Mueller	0
S-Replace Mtr- Replace Entire Meter Bottom Seal Leaking	3
Grand Totals	368

Summary of Current Projects

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

- Monthly PRV Inspections (Ongoing Process)
- Well Soundings at all wells are being done monthly
- Smithson Springs last cleaned January 2020- Current flows 1.5 GPM Upper Weir, 1GPM Lower Weir
- Monthly Tank Inspections: 36 tanks were inspected
- Valves and Hydrants Maintenance: 0 hydrants flushed and painted YTD Total-0
- 6A pneumatic tank building built, installation of pumps and tank- 100% Complete awaiting instrumentation calibration
- Dead End Flushing of District dead end mains and laterals- 317 of 317 flushed 100 % Complete
- Service line replacement program on target to meet current established goals. 116 Replaced Calendar Year To Date, 81 Replaced Fiscal Year To Date
- Air-Vac maintenance & flushing program-0 Flushed & Maintenanaced YTD-65 of 336 Total Project 19% Complete
- USA Locates of District assets for Race Communication Monthly-794 YTD-6819 Total-24,873 Project 95%
- Sensus Meter infrastructure installation- 75 % Complete
- Well Meter and inter-tie Meter annual accuracy program FY 20/21- Scheduled
- Cla-Val automatic controls valves being systematically rebuilt as a water conservation measure- 7 CompleteYTD Water savings from this project is 9.5 GPM and counting @ 5MG
- Installation of Power Safety Power Shutoff emergency switchgear at affected facilities- 18% Complete

Projects Completed

- Well 2 inspection and repair for failure, transducer equipped- 100% Complete
- Well 6B inspection and repair for failure, transducer equipped- 100% Complete
- Updating District Emergency Response Plan to reflect current events 100% Complete
- Electrical Effeciency test performed @ every booster and well within the District- 100% Complete
- Oil Changes and greasing at all district wells 100% Complete Boosters 100 % Complete
- Booster pump speed controls adjusted at pump control valves to mitigate pressure fluctuations to decrease system pressure fluctuations and decrease leaks 100% complete
- 19 Valves Turned this month as part of district Valve Exercising Program, 466 Year To Date Turned of 4291
- Water Meter Testing & evaluation- 100% Complete