



# Phelan Piñon Hills Community Services District

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

**SPECIAL ENGINEERING COMMITTEE MEETING  
October 23, 2019 – 4:00 p.m.  
District Office  
4176 Warbler Road, Phelan, CA**

## **AGENDA**

1. **Call to Order** – Pledge of Allegiance
2. **Roll Call**
3. **Approval of Agenda**
4. **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 complete a Comment Card and present it to the Board Secretary. Speakers are requested to be brief in their remarks. The Chair may limit each speaker to a comment period of five (5) minutes.
5. **Review of 10-Year Capital Plan**
6. **Review of Action Items**
7. **Adjourn**

*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>

Phelan Pinon Hills Community Services District

Enterprise Capital Improvement Projects 2019-2020

	No.	Water Master Plan Phase	Location	Description	Fiscal Year (FY)								5-Year Plan Fiscal Plan (2021/2022 to 2025/2026) Total	10+ Year Plan (Fiscal) 2024/2025 (Future)		
					2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026			2026/2027	2027/2028
Master Plan Production	1	1	Additional Water Supply (Well 9A Rehabilitation)	Study				\$10,000.00						\$10,000.00		
				Design / Engineering				\$10,000.00						\$10,000.00		
				Drilling / Housing / Plumbing / Electrical				\$90,000.00						\$90,000.00		
Master Plan Reservoirs	2	2	Reservoir Site 6A - New (0.6 MG)	Land Acquisition			\$50,000.00			To Be Updated Upon Completion of Updated Master Plan				\$50,000.00		
Master Plan Boosters	3	1	Site 3C - Booster "A" (264 to 350) GPM & Booster "B" (233 to 350) GPM Upsize	Design / Engineering	\$15,000.00	\$15,000.00								\$0.00		
				Construction			\$65,000.00							\$65,000.00		
				Electrical			\$5,000.00							\$5,000.00		
Projects with Growth	4		Site 2B Boosters Upgrade (New Building, piping, electrical)	Design / Engineering										\$10,000.00		
				Housing										\$340,000.00		
				Electrical										\$10,000.00		
	5	1	Site 4C - New (1.3 MG)	Design / Engineering					\$30,000.00					\$30,000.00		
				Construction					\$900,000.00					\$900,000.00		
	6	1	Site 5B - New (1.2 MG)	Design / Engineering					\$30,000.00					\$30,000.00		
				Construction					\$700,000.00					\$700,000.00		
	7	2	Site 6A Tank - PZ6 Improvement Project - Rezoning Pipeline Project, Pinon Hills Rd. and Beekley Ct. Pipelines (\$40x2,032 LF by school connection fees)	Topographic Survey											\$0.00	
				Design / Engineering	\$5,000.00										\$0.00	
				Construction		\$81,200.00									\$0.00	
8	2	Site 7B - New (0.3 MG)	Design / Engineering											\$10,000.00		
			Construction											\$200,000.00		
9	2	Site 3C - New (1.7 MG)	Design / Engineering											\$10,000.00		
			Construction											\$1,200,000.00		
10	1	L1 - Additional Booster	Design / Engineering											\$8,000.00		
			Construction											\$30,000.00		
			Electrical											\$10,000.00		
			SCADA											\$10,000.00		
Smithson Springs	11	Smithson Springs Canyon Tank and Pipeline	Topographic Survey											\$0.00		
			Design	\$5,000.00	\$5,000.00									\$0.00		
			Construction			\$25,000.00								\$25,000.00		
Dairy Well Pipeline	12	Chromium 6 Mitigation Project	Study / Design											\$0.00		
			Infrastructure Construction			\$4,000,000.00	\$6,000,000.00	\$7,000,000.00						\$17,000,000.00		
			Well Construction			\$1,000,000.00								\$1,000,000.00		
Land Acquisition	13		Future Expansion Sites	Purchase												
Future Admin. Building	14	Future Civic Center (APN 3066-261-10, 9535 Sheep Creek Road)	Final Design / Engineering			\$500,000.00								\$500,000.00		
			Construction				\$3,000,000.00	\$3,000,000.00						\$6,000,000.00		
Water	15		Adjudication	Cost	\$10,000.00	\$10,000.00								\$0.00		
Planning	16		Urban Water Management Plan (Update in years ending in "5" and "0")	Update		\$35,000.00	\$15,000.00							\$15,000.00		
	17		2020 Water Master Plan (update hydraulic model)	Update		\$350,000.00	\$15,000.00							\$15,000.00		
<b>Sub-Total CIP:</b>					\$35,000.00	\$496,200.00	\$5,675,000.00	\$9,110,000.00	\$11,660,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26,445,000.00	

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Enterprise 10-Year Repair and Maintenance Plan 2019-2020																
	No.	Item	Description	Fiscal Year (FY)										5-Year Plan Fiscal Plan (2021/2022 to 2025/2026) Total	10+ Year Plan (Fiscal) 2024/2025 (Future)	
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028			
Projects	20	Tank Maintenance 10-Year Contract (2011 to 2020) extension 10-year contract (2021-2030)	Maintenance	\$45,000.00	\$45,000.00	\$45,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$305,000.00	
	21	Level Control/Pump Control/High Pressure Blow-off Control Valves / PRV Station maintenance. Well #14 PRV (164 valves total each year)	Maintenance	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$120,000.00	
	22	Well 6A & 1B Rehabilitation / Maintenance (one well every 4th year after)	Well 6A, Well 1B, and Well 8	\$150,000.00	\$150,000.00	\$150,000.00		\$150,000.00			\$150,000.00				\$450,000.00	
	23	Booster Rehab (5 boosters each year)	Rehabilitation	\$50,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$360,000.00	
	24	Exterior Tank Blast and Paint (23 Total - 5 each year)	Blast and Paint	\$95,000.00		\$150,000.00		\$125,000.00			\$125,000.00				\$400,000.00	
	25	SCADA site Upgrade (SCADA Upgrade completed 2015)	Equip Well No. 3 and Mt. Well	\$50,000.00	\$18,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$30,000.00	
	26	PRV (Emergency By-Pass)	rebuilt / replacement and maintenance	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$60,000.00	
	27	1.0 MG Tank Interior Coatings (Res. 1A-3, 2A-2, & 2C-2) 10-year maintenance contract for 2021 to 2020	Blast and Recoat			\$175,000.00	\$185,000.00	\$195,000.00							\$555,000.00	
	28	Leak Maintenance Program	Service Line Replacement Water Pipeline Lowering			\$160,000.00	\$165,000.00	\$170,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$1,020,000.00	
	29	Solar - Operation and Maintenance Contact with SunPower (10 year 2016-2026)	O & M cost	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$213,450.00	
	30	SCADA TESCO Maintenance Contract	support / services / training		\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$90,000.00	
	31	Meter Replacement				\$867,000.00	\$867,000.00	\$867,000.00	\$867,000.00	\$867,000.00	\$245,000.00	\$245,000.00				
	32	Site Maintenance	Vegetation Mitigation			\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$30,000.00	
	33	Tank 6A Site - Pnuematic Redundancy	Survey / Design Construction		\$20,000.00 \$80,000.00										\$0.00 \$0.00	
<b>Sub-Total R &amp; M:</b>				\$455,575.00	\$453,575.00	\$1,797,575.00	\$1,544,575.00	\$1,859,575.00	\$1,394,575.00	\$1,047,575.00	\$772,575.00	\$0.00	\$0.00			
<b>Total CIP &amp; R &amp; M:</b>				\$490,575.00	\$949,775.00	\$7,472,575.00	\$10,654,575.00	\$13,519,575.00	\$1,394,575.00	\$1,047,575.00	\$772,575.00	<b>10-Year Plan R &amp; M Total:</b>		\$4,458,450.00		
												<b>5-Year Plan Fiscal Total:</b>		\$30,903,450.00		
														<b>10+ Year Projects w/ Growth Total:</b>		\$1,838,000.00