

**Phelan Pinon Hills Community Services District
Enterprise Capital Improvement Projects**

	Item No.	Water Master Plan Phase	Location	Description	Fiscal Year (FY)														
					2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030			
Chromium Mitigation Projects (Cr6 Funding Source)	1		Proposed Well Land	Land Acquisition / Pilot Test			\$200,000.00												
			Well 14 (6A & 6B Complete 2021)	Well Profiling				\$450,000.00	\$450,000.00										
			Well 12	Equip with Cr6 packer				\$150,000.00	\$150,000.00										
			Well 9a (complete 2021)	Equip to increase production			\$130,000.00												
			Well No. 15 - Azalea Road	Well, Equip, 12" pipeline 6K LF (\$2.4mil)				\$830,000.00	\$1,555,000.00										
			Water Rights	Purchase (Alto vs. Oeste)					\$500,000.00										
			Chromium 6 Mitigation Project	Study / Design Well No. 16 Well Modifications											\$2,000,000.00				
Sub-Total Cr6:								\$1,580,000.00	\$2,805,000.00										
Civic Center (Funding Source)	2		Civic Center Project (APN 3066-261-10)	TRLS / David Evans Services				\$145,400.00											
				Off Site Development estimate				\$336,086.00											
				Steenro / KTUA Services				\$161,902.00											
				Lilburn CEQA / RLB Cost Estimate				\$83,140.00											
				Construction estimate				\$2,000,000.00	\$3,000,000.00	\$4,000,000.00									
Sub-Total Civic Center:							\$0.00	\$2,726,528.00	\$3,000,000.00	\$4,000,000.00									
Master Plan Reservoirs	3	1	Future Reservoir Site	Land Acquisition					\$50,000.00	\$50,000.00									
			Reservoir 7A (1.1 MG)	7A-1 (79k) 7A-2 (79k)									\$1,793,000.00						
			Reservoir 6A (2.2 MG)	6A (412,971k)									\$3,586,000.00						
			Reservoir L1 (0.35 MG)	L1 (483k)									\$570,500.00						
			Other Cost	Design / Equipping / Studies									\$600,000.00						
Master Plan Pipeline 2022-2027	4	1	Sundown Road (Wilson Ranch/Roosevelt)	P1-1,900 LF (8") replace 6"							\$252,700.00								
			Phelan Road (Sheep Creek / Centola)	P3 -9,500 LF (12")										\$1,989,200.00					
			Pinon Hills Road (Nielson / Maria)	P13-1,300 LF (8")					\$157,300.00										
			Atsina Road (Mono / Solano)	P14-1,400 (8")								\$186,200.00							
			Fremontia Road (Glenview / Oasis)	P15-2,600 LF (8") replace 6"									\$314,600.00						
Master Plan Pipeline 2028-2042	5	2	Smoke Tree (Soledad / Highway)	P2-6,500 LF (12") replace 6"												\$1,358,500.00			
			Buckwheat / Phelan / Cholla / Minero	P4-14,750 LF (12") replace 6"-8"													\$3,082,750.00		
			Brawley Road (Eaby / Schlitz)	P5-1,400 LF (8") replace 6"											\$224,000.00				
			Phelan Road (Baldy Mesa / Shasta)	P6-9,300 LF (10") replace 6"											\$1,636,800.00				
			Highway 138 / Ponderosa / Pine Tree	P7-8,300 LF (10") replace 6"															
			Buckthorne Road (Highway 138)	P8-1,300 LF (12") replace 6"-8"															
			White Fox Trail (Minero / Pionero)	P9-1,300 LF (12") replace 6"															
			Acanthus Street (Bonaza / Palmdale)	P10-1,300 LF (12")															
			Pinero Road (Phelan Rd.)	P11-350 LF (10") replace 8"															
Mirage Road (Mango / Progress)	P12-2,500 LF (12")																		
Sub-Total Master Plan CIP:									\$207,300.00	\$302,700.00	\$186,200.00	\$6,864,100.00	\$0.00	\$3,850,000.00	\$4,441,250.00				
Pressure Zone 6	6		PZ6 expansion Improvement Project Pipeline	Topographic Survey															
				Engineering	\$5,000.00														
				Construction (Beekley Ct.)							\$81,000.00								
Smithson Springs	7		Smithson Springs Canyon Tank and Pipeline	Site Maintenance	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00									
				Construction (capture tank)						\$25,000.00			\$25,000.00						
Land Acquisition (general)	8		Future Expansion Sites (general)	Purchase					\$100,000.00	\$100,000.00									
				Adjudication	\$10,000.00	\$10,000.00	\$10,000.00												
Water Planning	10		Urban Water Management Plan	Report		\$35,000.00	\$15,000.00					\$25,000.00	\$15,000.00				\$25,000.00		
				Water Master Plan (update hydraulic model)	Report		\$35,000.00	\$15,000.00											\$88,000.00
Sub-Total CIP (items 6-11):					\$20,000.00	\$85,000.00	\$45,000.00	\$5,000.00	\$130,000.00	\$186,000.00	\$25,000.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$113,000.00		
Sub-Total CIP (items 1-5):					\$40,000.00	\$170,000.00	\$45,000.00	\$4,311,528.00	\$6,142,300.00	\$4,488,700.00	\$211,200.00	\$6,904,100.00	\$0.00	\$3,850,000.00	\$4,441,250.00	\$113,000.00			
								-\$750,000.00	-\$175,000.00										

**Phelan Pinon Hills Community Services District
Enterprise Capital Purchase**

	No.	Item	Description	Fiscal Year (FY)										
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
Vehicles	A*	Operations Vehicles / Equipment	Vactor (2021)				\$45,000.00							
			GM Vehicle (80% Enterprise)				\$40,000.00							
			Field Truck		\$40,000.00	\$80,000.00	\$45,000.00	\$100,000.00	\$50,000.00	\$50,000.00	\$55,000.00	\$55,000.00	\$55,000.00	\$55,000.00
Software & Hardware	B	Servers / Computer Upgrades (certificate renewal / GIS Enterprise)	Software Applications				\$10,000.00	\$13,000.00	\$13,000.00	\$13,000.00	\$13,000.00			
			Workstations / Servers						\$3,500.00					
Sub-Total CIP:				\$0.00	\$40,000.00	\$80,000.00	\$140,000.00	\$113,000.00	\$66,500.00	\$63,000.00	\$68,000.00	\$55,000.00	\$55,000.00	\$55,000.00

* 10% increase

Enterprise 10-Year Repair and Maintenance Plan

	No.	Item	Description	Fiscal Year (FY)											
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
Projects	12	Tank Maintenance STS 10-Year Contract (2021 to 2030)	Maintenance	\$45,000.00	\$45,000.00	\$267,200.00	\$267,200.00	\$267,200.00	\$267,200.00	\$48,300.00	\$48,300.00	\$48,300.00	\$48,300.00	\$48,300.00	
	13	Exterior Tank Rehab (8A, 7A-1, 7A-2, 8B, 7B-1 7B-2, 3C-1, 3C-2, 1C-1, 1C-2)	* Cost included in Item No. 16 Blast and Recoat (10-Year STS Contract)	*		*		*		*					
	14	1.0 MG Tank Interior Rehab (1A-3, 2A-2 & 2C-2 (\$215K/per cost over 4-year))	* Cost included in Item No. 16 Blast and Recoat (10-Year STS Contract)					*		*		*			
	15*	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	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	
	16	Well Rehabilitation / Equipping / Maintenance (one well every 4th year after)	Equip Well No. 8 (2020) Equip Well No. 3 (2019) Equip Mountain Well Rehab Well No.6A (2021) Rehab Well 1B (2022) & 2A (2022)		\$125,000.00	\$120,000.00			\$120,000.00					\$200,000.00	
	17**	Booster Rehabilitation (4 per year)	Rehabilitations	\$50,000.00	\$60,000.00	\$60,000.00	\$65,000.00	\$80,000.00	\$80,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	
	18	SCADA (System SCADA Upgrade completed 2015)	Mountain Well Site Upgrade					\$5,000.00							
	19	PRV (Emergency By-Pass)	rebuilt / replacement / 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	
	20***	Leak Maintenance Program	Service Line Replacement (150/yr)	\$150,000.00		\$200,000.00	\$100,000.00	\$115,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	
	20*		Water Pipeline Lowering			\$100,000.00	\$75,000.00	\$136,000.00	\$127,000.00	\$127,000.00	\$220,000.00	\$110,000.00	\$110,000.00	\$110,000.00	
	21	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	
	22	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	
	23	Meter Replacement Program	Infrastructure O & M			\$700,000.00	\$700,000.00	\$700,000.00	\$700,000.00	\$700,000.00					
	24****	Lab Analysis	UCMR5					\$25,000.00							
	25	Site Maintenance	Vegetation Mitigation (CAL Fire)			\$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	
Sub-Total R & M:				\$310,575.00	\$310,575.00	\$1,692,775.00	\$1,297,775.00	\$1,743,775.00	\$1,389,775.00	\$1,375,875.00	\$568,875.00	\$458,875.00	\$658,875.00	\$458,875.00	
Total CIP, Capital Purchases and R & M:				\$330,575.00	\$435,575.00	\$1,817,775.00	\$5,749,303.00	\$7,999,075.00	\$5,944,975.00	\$1,650,075.00	\$7,540,975.00	\$513,875.00	\$4,563,875.00	\$4,955,125.00	

* 10% increase / ** increase \$15K / *** increase \$10K / **** increase \$5K

-\$750,000.00 -\$175,000.00