

**VENTURA RIVER WATER DISTRICT
CAPITAL IMPROVEMENT PLAN - June 19, 2019**

'INFLATION FACTOR:	1	1	2	3	4	5	6	7	8	9	10	11
	1.03	1.03	1.06	1.09	1.13	1.16	1.19	1.23	1.27	1.30	1.34	1.38

Fiscal Year beginning July 1 ending June 30	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027	2027 - 2028	2028 - 2029	2029 - 2030
WATER SYSTEM IMPROVEMENTS												
HYDRANT REPLACEMENT - 264 ea repl 10 per year	\$58,544	\$60,300	\$62,109	\$63,972	\$65,891	\$67,868	\$69,904	\$72,001	\$74,161	\$76,386	\$78,678	\$81,038
VALVE REPLACEMENT - 500 ea repl 10 per year until 2035, then 6 per year	\$80,574	\$82,991	\$85,481	\$88,045	\$90,687	\$93,407	\$96,210	\$99,096	\$102,069	\$105,131	\$108,285	\$111,533
VALLEY MEADOW REHAB (PHASE I) (800')	\$465,000											
VALLEY MEADOW REHAB (PHASE II) East of 2153 Valley Meadow Dr (1,800')		\$940,000										
RE-PLUMB ENCINO & THOMAS PRV VAULTS		\$20,000	\$116,911									
VONS TRACT FIRE FLOW UPGRADE (4,600') Contingent upon moving Casitas Turnout to Carrillo Rd.								\$975,867				
RELOCATE VILLANOVA CASITAS TURNOUT TO CARRILLO ST.				\$109,273								
GRAPEVINE FIRE FLOW UPGRADE (1,150')					\$434,728							
MONTE VIA FIRE FLOW UPGRADE, 1,150' 8", 1,350' 6"									\$1,179,745			
FLOOD PROTECTION FOR BALDWIN SITE							\$273,182					
PRESSURE REDUCING STATION ENCINO AT THOMAS												
CHLORINE DILUTION TANK		\$17,000										
WARD WAY MAIN UPSIZE & HYD REPLACEMENT, 120' 6"						\$60,598						
JONNY CASH WAY MAIN UPSIZE & HYD REPLACEMENT, 200' 6"						\$100,997						
SANTA ANA BLVD FIRE FLOW UPGRADE, Alt 1 8" 1.830', 6" 1.140', 4 hydrants		\$120,000	\$630,175									
DEL VALLE FIRE FLOW UPGRADE 130' OF 6" LINE		\$80,000										
LA CUMBRE FIRE FLOW UPGRADE 130' OF 6" LINE		\$80,000										
ROCKAWAY East & West (700')						\$260,764						
LOMA DRIVE, VILLANOVA NORTH 1,000' OF 8" LINE												\$471,898
CASITAS SPRINGS FIRE BOOSTER PUMP (when lake < elev 480 ± Not Scheduled)				\$56,650								
WELLS												
WELL # 1 - Drilled 1990, SS, 1/3 of Maintenance Cost						\$13,731					\$24,392	
WELL # 2 ABANDONMENT (Drilled 1958, Sleeved 1969 & 1991)		\$15,000										
WELL # 3 ABANDONMENT (Drilled 1969)		\$15,000										
WELL #4 - Maintenance					\$61,903						\$16,396	
WELL #6 Drill & Bring on Line (WELL # 5, Curtis)	\$225,000											\$16,888
WELL #7 Drill & Bring on Line & Maintenance					\$13,731						\$24,392	
Minor Well Maintenance every 6 years, motor & panel, etc.												
Major Well Maintenance every 12 years												
New Well Screen												
SCADA SYSTEM												
SCADA SYSTEM UPGRADE					\$90,041							
TANKS												
BALDWIN TANK North, 1997, 184,000 Gal, 38.67' Dia 24.1' H Replace 2037		\$35,500					\$37,016		\$67,053			
BALDWIN TANK South, 2006, 184,000 Gal 39' Dia 24' H Replace 2046			\$32,888									
ALTO TANKS N & S 1998, 753,000 Gal 65.4 Dia X 32.17 H Replace 2038							\$113,435			\$224,539		
PARKER TANK, 2001, 529,000 Gal, 80.17' Dia x 16' H Replace 2041									\$63,339			
Paint Tank Outside every 10 yrs Beginning @ 15 yrs												
Coat Tank Inside every 25 years												
Add 2nd PARKER TANK, Phase I Berm, Phase II Tank				\$431,759								
Tank Inspection every 5 years. Includes minor repairs.	\$20,000				\$22,510					\$26,095		
PUMPS												
BALDWIN BOOSTER STATION, Pump & Motor Rebuild (Tier 1&2 = 15%)				\$18,576	\$19,134							
PARKER BOOSTER STATION, 2001, Pump & Motor Rebuild (Tier 1&2 = 15%)			\$18,035							\$66,543		
PARKER VFD to Zone 5	\$42,000											
Major Rehabilitation, 35 yrs, soft starts good for 10 yrs ±												
MISCELLANEOUS												
Water Rate development by consultant (once every 10-years per Water Code)									\$63,339			
Miscellaneous water system items per historical average	\$6,573	\$6,770	\$6,973	\$7,182	\$7,398	\$7,620	\$7,848	\$8,084	\$8,326	\$8,576	\$8,834	\$9,099
SUBTOTAL Water System Improvements	\$897,691	\$1,105,061	\$952,572	\$775,458	\$819,754	\$591,256	\$597,595	\$1,155,048	\$378,287	\$1,687,016	\$260,976	\$690,455
SHOP/MAINTENANCE EQUIPMENT												
Machines, Tools, Equipment, etc., Bumper Crane, Valve Turn Trailer, Pipe Loca	\$2,199	\$2,265	\$2,333	\$2,403	\$2,475	\$2,549	\$2,626	\$2,955	\$3,044	\$3,426	\$3,529	\$3,972
SUBTOTAL Shop/Equipment	\$2,199	\$2,265	\$2,333	\$2,403	\$2,475	\$2,549	\$2,626	\$2,955	\$3,044	\$3,426	\$3,529	\$3,972
OFFICE EQUIPMENT												
Machines, Computers, Copiers, etc.	\$5,502	\$5,667	\$5,837	\$6,012	\$6,193	\$6,378	\$6,570	\$7,394	\$7,616	\$8,572	\$8,829	\$9,937
Software,	\$7,261	\$7,479	\$7,703	\$7,934	\$8,172	\$8,417	\$8,670	\$9,758	\$10,051	\$11,312	\$11,652	\$13,114
SUBTOTAL Office Equipment	\$12,763	\$13,146	\$13,540	\$13,946	\$14,365	\$14,796	\$15,240	\$17,152	\$17,667	\$19,884	\$20,481	\$23,051
AUTO / EQUIPMENT REPLACEMENT												
FORD F-550, 2000 Dump Truck (Replace with a F-350 Utility Truck)											\$69,884	
FORD F-350, 2017												\$58,138
FORD F-350, 2018 (Crane & Utility bed)	\$56,000											
FORD F-250, 2008				\$45,895								
FORD Explorer, 2002					\$45,020							
JEEP, Meter Reader, 1969, Right hand drive (Retire in 2024)												
BACKHOE, 2016												
SUBTOTAL Auto / Equipment	\$56,000	\$0	\$0	\$45,895	\$45,020	\$0	\$0	\$0	\$0	\$0	\$69,884	\$58,138
TOTAL ALL ABOVE ITEMS	\$968,653	\$1,120,472	\$968,445	\$837,702	\$881,614	\$608,601	\$615,460	\$1,175,155	\$398,997	\$1,710,326	\$354,869	\$775,616
10 Year Rolling Average	\$929,000	\$868,000	\$833,000	\$797,000	\$752,000	\$733,000	\$714,000	\$725,000	\$656,000	\$671,000	\$570,000	\$687,000
Revenues needed from surplus Operating Revenues each year:	\$920,228	\$858,965	\$823,694	\$787,415	\$742,127	\$722,831	\$703,526	\$713,961	\$644,630	\$658,998	\$557,638	\$673,930
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