

**VENTURA RIVER WATER DISTRICT
CAPITAL IMPROVEMENT PLAN - MARCH 15, 2017**

*INFLATION FACTOR: 0 1 2 3 4 5 6 7 8 9 13 13 13
 1.00 1.03 1.06 1.09 1.13 1.16 1.19 1.23 1.27 1.30 1.47 1.47 1.47

2015 to 2025 Capital Improvement Plan													
Fiscal Year beginning July 1 ending June 30	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027	2027 - 2028
STRUCTURES & IMPROVEMENTS													
Miscellaneous Work based upon Historical average	\$9,785	\$10,079	\$10,381	\$10,692	\$11,013	\$11,343	\$11,684	\$12,034	\$12,395	\$12,767	\$74,003	\$74,003	\$74,003
SUB-TOTAL Structures & Improvements	\$9,785	\$10,079	\$10,381	\$10,692	\$11,013	\$11,343	\$11,684	\$12,034	\$12,395	\$12,767	\$74,003	\$74,003	\$74,003
WATER SYSTEM IMPROVEMENTS													
HYDRANT REPLACEMENT - 264 ea repl 10 per year	\$11,000	\$55,183	\$56,838	\$58,544	\$120,600	\$0	\$62,109	\$63,972	\$65,891	\$67,868	\$69,904	\$72,001	\$74,161
VALVE REPLACEMENT - 500 ea repl 10 per year until 2035, then 6 per year	\$15,000	\$75,949	\$78,228	\$80,575	\$165,983	\$0	\$85,481	\$88,046	\$90,687	\$93,408	\$96,210	\$99,096	\$102,069
METER REPLACEMENT - 2,150 ea repl 120 per year	\$39,140	\$40,314	\$41,524	\$42,769	\$44,052	\$45,374	\$46,735	\$48,137	\$49,581	\$51,069	\$52,601	\$54,179	\$55,804
VALLEY MEADOW REHAB (PHASE I) Move 1 yr & split in two (800')				\$131,127	\$135,061								
VALLEY MEADOW REHAB (PHASE II) East of 2153 Valley Meadow Dr (1,800')						\$626,008							
RE-PLUMB ENCINO & THOMAS PRV VAULTS				\$110,147									
VONS TRACT UPGRADE (4,600')													
VENTURA AVE -VILLANOVA RD TO VONS TRACT (1,600')													\$704,896
MONTE VIA SYSTEM UPGRADE (Built in 1958, Should last 80 yrs or 2038, 3,000')													
FLOOD PROTECTION FOR BALDWIN SITE	\$73,000						\$334,335						
PRESSURE REDUCING STATION ENCINO AT THOMAS													
REPLACE/LINE AC PIPE, 27.5 MILES, Replace 1mile/yr starting in 2025 to 2050													
CHLORINE DILUTION TANK			\$13,276										
WARD WAY MAIN UPSIZE & HYD REPLACEMENT									\$90,257				
JONNY CASH WAY MAIN UPSIZE & HYD REPLACEMENT									\$144,412				
SANTA ANA BACK YARD MAIN RELOCATION (3,400')										\$1,143,044			
DEL VALLEY HYDRANT UPGRADE 130' OF 6" LINE							\$44,240						
LA CUMBRE HYDRANT UPGRADE 130' OF 6" LINE										\$48,342			
ROCKAWAY East & West (700')							\$238,213						
GRAPEVINE MAIN UPSIZE (1,800')										\$669,349			
CASITAS SPRINGS FIRE BOOSTER PUMP (when lake < elev 480 ± Not Scheduled)													
WELLS													
WELL # 1 - Drilled 1990, SS, 1/3 of Maintenance Cost								\$13,775					
WELL # 2 ABANDONMENT (Drilled 1958, Sleeved 1969 & 1991)					\$15,000								
WELL # 3 ABANDONMENT (Drilled 1969)					\$15,000								
WELL #4 - Maintenance								\$66,118					
WELL #6 Drill & Bring on Line (WELL # 5, Curtis)												\$575,665	
WELL #7 Drill & Bring on Line & Maintenance	\$50,000	\$702,000	\$200,000					\$13,775					
Minor Well Maintenance every 6 years, motor & panel, etc.													
Major Well Maintenance every 12 years													
New Well Screen													
SCADA SYSTEM													
SCADA SYSTEM UPGRADE								\$103,309					
TANKS													
BALDWIN TANK North, 1997, 184,000 Gal, 38.67' Dia 24.1' H REPLACE 2037				\$75,879						\$38,053			
BALDWIN TANK South, 2006, 184,000 Gal 39' Dia 24' H						\$33,810							
ALTO TANKS N & S 1998, 753,000 Gal 65.4 Dia X 32.17 H REPLACE 2038		\$12,000						\$261,717	\$113,219				
PARKER TANK, 2001, 529,000 Gal, 80.17' Dia x 16' H		\$47,040										\$233,556	
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						\$120,893			\$528,410				
PUMPS													
BALDWIN BOOSTER STATION, Pump & Motor Rebuild (Tier 1&2 = 15%)							\$21,169	\$21,804					
PARKER BOOSTER STATION, 2001, Pump & Motor Rebuild (Tier 1&2 = 15%)			\$18,808			\$20,552							
PARKER VFD to Zone 5			\$41,713										
Major Rehabilitation, 35 yrs (Tier 1&2 = 15%)													\$1,156,134
MISCELLANEOUS													
	\$5,397	\$5,559	\$5,726	\$5,898	\$6,075	\$6,257	\$6,445	\$6,638	\$6,837	\$7,042	\$7,253	\$7,471	\$7,695
SUBTOTAL Water System Improvements	\$193,537	\$938,046	\$456,113	\$504,938	\$501,771	\$852,894	\$838,727	\$687,291	\$1,089,295	\$975,131	\$1,369,013	\$1,041,968	\$2,100,760
SHOP/MAINTENANCE EQUIPMENT													
Machines, Tools, Equipment, etc., Bumper Crane, Valve Turn Trailer, Pipe Locator	\$2,060	\$2,122	\$2,185	\$2,251	\$2,319	\$2,388	\$2,460	\$2,534	\$2,610	\$2,688	\$3,025	\$3,116	\$3,507
SUBTOTAL Shop/Equipment	\$2,060	\$2,122	\$2,185	\$2,251	\$2,319	\$2,388	\$2,460	\$2,534	\$2,610	\$2,688	\$3,025	\$3,116	\$3,507
OFFICE EQUIPMENT													
Machines, Computers, Copiers, etc.	\$5,150	\$5,305	\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524	\$6,720	\$7,562.95	\$7,789.84	\$8,767.53
Software,	\$6,180	\$6,365	\$6,556	\$6,753	\$6,956	\$7,164	\$7,379	\$7,601	\$7,829	\$8,063	\$9,075.54	\$9,347.80	\$10,521.04
SUBTOTAL Office Equipment	\$11,330	\$11,670	\$12,020	\$12,381	\$12,752	\$13,135	\$13,529	\$13,934	\$14,353	\$14,783	\$16,638	\$17,138	\$19,289
AUTO / EQUIPMENT REPLACEMENT													
FORD F-550, 2000 Dump Truck (Replace with a F-250 Utility Truck)		\$37,336											
FORD F-150, 2001				\$51,402									
FORD F-350, 2007 (Replace with an F-250 Utility Truck)							\$56,168	\$41,324					
FORD F-250, 2008													
FORD Explorer, 2002													
JEEP, Meter Reader, 1969, Right hand drive (Retire in 2024)		\$86,520											
BACKHOE, 1982													
SUBTOTAL Auto / Equipment	\$0	\$123,856	\$0	\$51,402	\$0	\$0	\$56,168	\$41,324	\$0	\$0	\$0	\$0	\$0
TOTAL ALL ABOVE ITEMS	\$216,712	\$1,085,772	\$480,699	\$581,664	\$527,855	\$879,760	\$922,567	\$757,117	\$1,118,653	\$1,005,369	\$1,462,680	\$1,136,226	\$2,197,559
10 Year Rolling Average		\$883,000	\$888,000	\$1,059,000	\$1,277,000	\$1,480,000	\$1,701,000	\$1,954,000	\$2,087,000	\$2,208,000	\$2,380,000	\$2,532,000	
HIGH WATER DEMAND COST SHARE (Cost Class 1&2=126 gpm, CC 3&4=917 gpm)													
WELL #6 Drill & Bring on Line (WELL # 5, Curtis) Chrom 6 Testing & Well Design		\$0		\$0									
WELL #1 - 80% of Maint cost (700 gpm/126 gpm use 80% to Cost Class 3&4)								\$11,020					
WELL #4 - 100% of Maintenance								\$66,118					
WELL #7 - 100% of Maintenance								\$13,775					
Baldwin Booster Station (1,887 gpm/126 gpm use 90% to Cost Class 3 & 4)							\$19,052	\$19,623					
Parker Booster Station (use same ratio as Baldwin 90% to Cost Class 3 & 4)			\$16,927			\$18,497							
Add 2nd PARKER TANK, Phase I Berm, Phase II Tank (100% to Cost Class 3 & 4)			\$0		\$0								
BALDWIN TANK North, (89% to Cost Class 3 & 4)				\$67,532						\$33,868			
BALDWIN TANK South, (89% to Cost Class 3 & 4)						\$30,091							
ALTO TANKS N & S (64% to Cost Class 3 & 4)						\$167,499			\$72,460				
PARKER TANK, (64% to Cost Class 3 & 4)		\$30,106										\$149,476	
TOTAL High Demand items	\$0	\$30,106	\$16,927	\$67,532	\$0	\$216,087	\$19,052	\$110,536	\$72,460	\$33,868	\$0	\$149,476	\$0
10 Year Rolling Average (Cost allocated to Upper Tiers)		\$57,000	\$69,000	\$67,000	\$72,000	\$72,000	\$51,000	\$53,000	\$47,000	\$43,000	\$45,000	\$52,000	
Costs allocated to all tiers & base rate:		\$826,000	\$819,000	\$992,000	\$1,205,000	\$1,408,000	\$1,650,000	\$1,901,000	\$2,040,000	\$2,165,000	\$2,335,000	\$2,480,000	
Fiscal Year beginning July 1 ending June 30	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027	2027 - 2028