



November 2, 2023

# Santa Clarita Valley Water Agency

Engineering Services Section  
10 Year CIP Revised

# 10 Year CIP Summary

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
	\$ 747,331,007	\$ 1,130,182,015		\$ 748,919,491	\$ 956,248,752



# Emergency Storage

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Emergency Storage</b>					
Backcountry (fka Magic Mountain) Reservoir 2	\$ 45,400,000	\$ 51,400,000	3	\$ -	\$ 64,952,000
Earl Schmit Filtration Plant Storage Expansion	-	42,150,000	3	-	56,400,000
Southern Service Area Reservoir	17,150,000	42,150,000	3	-	56,400,000
Sand Canyon Reservoir Expansion	17,600,000	29,820,000	3	810,000	37,875,900
Earl Schmit Filtration Plant Two 5 MG Tanks Improvements	50,000	8,102,000	3	1,000	9,362,000
Backcountry (fka Magic Mountain) Reservoir	35,100,000	35,260,000	1	34,260,000	-
Backcountry (fka Magic Mountain) Pump Station	-	12,480,000	1	18,760,000	-
<b>Total</b>	<b>115,300,000</b>	<b>221,362,000</b>		<b>53,831,000</b>	<b>224,989,900</b>



# Pipeline Installation / Replacement

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Pipeline Replacement / Relocation</b>					
Pipeline Relocation Program	92,644,787	85,840,000	1	46,840,000	36,425,976
Pipeline Relocation Program (NEW)	-	-	1	-	52,000,000
Honby Parallel	25,750,000	25,650,000	2	225,000	25,425,000
External Agency Mandates - Pipeline Relocations	-	10,000,000	1	10,000,000	12,141,992
Market Street/Shadeland/Maple Street Pipeline	-	3,325,000	3	-	3,325,000
Honby Pipeline Bottleneck	500,000	5,405,000	2	4,829,500	-
Castaic Conduit	17,320,000	17,100,000	1	17,100,000	-



# Pipeline Installation / Replacement (cont.)

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
Dickason Pipeline Replacement	2,300,000	2,500,000	1	2,500,000	-
Dockweiler-Sierra Hwy Pipeline	1,650,000	1,225,000	1	1,225,000	-
Foothill Feeder Service Connection Pipe Repair	-	56,000	1	56,000	-
Golden Valley Road Pipe Realignment	100,000	350,000	1	350,000	-
LARC Pipeline	2,250,000	1,750,000	1	1,750,000	-
Magic Mountain Pipeline Inspection Access Modifications	-	2,250,000	1	2,250,000	-
McBean/Orchard Village Pipeline Replacement	-	250,000	1	250,000	-
Newhall Ave Railroad Crossing Pipeline	2,500,000	2,650,000	1	2,650,000	-
Sand Canyon Sewer Line Relocation	-	6,485,000	2	6,485,000	-

# Pipeline Installation / Replacement (cont.)

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Sierra Hwy Bridge Expansion Water Pipelines	84,000	4,023,000	1	4,023,000	-
Valencia Marketplace Pipeline Replacement	3,200,000	4,200,000	1	4,300,000	-
Magic Mountain Pipeline No. 4	256,000	216,000	1	330,000	-
Magic Mountain Pipeline No. 5	256,000	198,000	1	370,000	-
Abdale Street, Maplebay Court, Beachgrove Court Water Line Improvements	-	2,400,000	2	2,700,000	-
Smyth Drive Water Line Improvements	-	2,200,000	1	2,600,000	-
Magic Mountain Pipeline No. 6	3,414,000	908,000	1	1,544,800	-
<b>Total</b>	<b>152,224,787</b>	<b>178,981,000</b>		<b>112,378,300</b>	<b>129,317,968</b>



# Well Installation and Treatment

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 - FY 43)
<b>Well Installation and Treatment</b>					
Saugus Dry Year Reliability Wells 5 & 6	42,355,000	42,230,000	2	20,205,000	30,700,000
Well 207 Groundwater Treatment Improvements - PFAS	-	14,450,000		-	-
North Oaks Wells Groundwater Treatment Improvements - PFAS	-	14,400,000		-	-
Sierra Well Groundwater Treatment Improvements - PFAS	-	14,400,000		-	-
Clark Well Groundwater Treatment Improvements - PFAS	-	14,400,000	3	200,000	12,250,000
Well D Groundwater Treatment Improvements - PFAS	-	14,400,000	1	200,000	8,450,000
Well W10 Groundwater Treatment Improvements - PFAS	-	14,400,000	1	200,000	8,450,000
Well E-14 Site Improvements	6,275,000	7,275,000	3	-	5,943,813
Well E-16 Site Improvements	6,275,000	7,275,000	3	-	5,943,813



## Well Installation and Treatment (cont.)

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
Well W9 Groundwater Treatment Improvements - PFAS	-	14,400,000	1	8,650,000	-
Saugus 3 & 4 Replacement Wells - Well Equipping and Site Work	5,100,000	10,100,000	1	5,527,000	-
Sand Canyon and Lost Canyon 2/2A Groundwater Treatment Improvements	5,150,000	17,400,000	1	15,750,000	-
Well 201 VOC Groundwater Treatment Improvements	4,310,000	8,453,000	1	7,383,476	-
Additional Wells (T7, U4, U6) (includes S1&S2 Wells VOC Treatment & Flexextend)	14,400,000	17,200,000	1	17,200,000	-
S Wells (S6, S7 and S8)	14,750,000	17,200,000	1	17,200,000	-
Valley Center Well	500,000	-	1	-	-
N Wells Drainage Improvements Project	-	947,000	1	957,000	-
E Wells (E-14, E-15, E-16, E-17) Treatment	10,000,000	27,685,000	1	27,785,000	-





## Well Installation and Treatment (cont.)

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Santa Clara and Honby Wells	9,225,000	4,664,000	1	5,615,000	-
Well 205 (Perchlorate)	615,000	22,950,000	1	26,200,000	-
Wells & Well Facility Improvement Program	12,124,663	11,856,250	1	15,163,750	18,212,988
Saugus 3 & 4 Replacement Wells - Well Drilling (Complete by 7/1/25)	9,100,000	9,100,000	1	10,055,000	-
Newhall (fka Saugus) Wells (N11, N12, N13) Groundwater Treatment Improvements	-	11,805,000	1	18,805,000	-
Wells 206 & 207 Groundwater Treatment Improvements - PFAS	-	-	1	11,775,000	-
Sierra and North Oaks Wells Groundwater Treatment Improvements - PFAS	-	-	1	15,450,000	-
<b>Total</b>	<b>140,179,663</b>	<b>316,990,250</b>		<b>224,321,226</b>	<b>89,950,614</b>



# Recycled Water

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Recycled Water</b>					
Recycled Water Program Phase II, 2C - South End Backbone Reach 2	13,500,000	20,820,000	3	-	28,800,000
Saugus WRP Recycled Water Fill Station	-	730,000	3	-	-
Recycled Water Fill Station	1,005,000	1,625,000	3	50,000	2,825,000
Recycled Water Program Phase II, 2A - Central Park	4,000	9,100	3	-	-
As-Needed Regulatory Support for Non-Potable Recycled Water Permitting	150,000	150,000	1	150,000	-
Magic Mountain Pkwy & The Old Rd Recycled Water Relocation	-	3,350,000	2	3,350,000	-
Recycled Water Program Phase II, 2B - Vista Canyon Backbone	2,200,000	200,000	1	200,000	-
Recycled Water Program Phase II, 2B - Vista Cyn Customer Conversion	295,000	350,000	1	350,000	-
Recycled Water Program Phase II, 2C - South End Backbone Reach 1	-	12,850,000	2	12,850,000	-
Recycled Water Program Phase II, 2C - South End Customer Conversion	-	1,800,000	2	1,800,000	575,500
Recycled Water Program Phase II, 2D - West Ranch Customer Conversion	800,000	1,100,000	1	1,100,000	-
Recycled Water Pump Station PS-1 Upgrades	-	2,175,000	1	2,175,000	-
<b>Total</b>	<b>17,954,000</b>	<b>45,159,100</b>		<b>22,025,000</b>	<b>32,200,500</b>



# Pump and Booster Stations

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Pump and Booster Stations</b>					
Catala Pump Station	150,000	9,705,000	3	247,000	9,458,000
Catala PS Pipelines (Bouquet & Central Park)	2,400,000	7,948,000	3	333,000	7,615,000
Deane SC-6 Pump Station	1,450,000	3,825,000	3	-	3,825,000
Market Street Pump Station	-	3,325,000	3	-	3,325,000
Friendly Valley Booster Station (Crossroads)	2,000,000	2,775,000	3	-	2,775,000
Deane Zone Disinfection @ Skyline Ranch	100,000	200,000	3	-	200,000
Booster Station/Turnout Rehabilitation Program	13,043,951	7,998,063	1	7,998,063	-
Deane Pump Station @ Sand Canyon Plaza*	2,900,000	2,800,000	1	2,800,000	-
Deane Pump Station @ Skyline Ranch*	1,500,000	400,000	1	400,000	-
Newhall Zone 4 Pump Station Improvements	-	1,700,000	2	1,700,000	-
<b>Total</b>	<b>23,543,951</b>	<b>40,676,063</b>		<b>13,478,063</b>	<b>27,198,000</b>



# Tanks

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Tanks</b>					
Friendly Valley Tank (3.25 MG) @ Crossroads	9,500,000	11,975,000	3	-	12,739,362
Deane Tank (Second 2.08 MG) @ Skyline Ranch	3,650,000	4,750,000	3	-	4,750,000
Tanks & Storage Facility Improvement Program	10,435,160	13,885,000	1	13,450,000	16,423,950
Newhall Tanks 1 and 1A - Tank Upgrades	700,000	256,000	1	14,000	-
Deane Tank (One 2.08 MG Tank) @ Skyline Ranch*	4,000,000	3,600,000	1	3,600,000	-
Deane Tanks - One 1.5 MG Tank @ Sand Canyon Plaza	4,750,000	5,750,000	1	5,750,000	-
Newhall Tank 4 (1.5 MG Tank)	-	2,400,000	2	2,400,000	-
Newhall Zone 1 Tank (3 MG)	-	6,150,000	1	6,150,000	-
<b>Total</b>	<b>33,035,160</b>	<b>48,766,000</b>		<b>31,364,000</b>	<b>33,913,312</b>



# Water Treatment Plants

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Water Treatment Plants</b>					
Battery Energy Storage and Solar Project - Earl Schmit Filtration Plan	1,892,652	1,895,652	3	-	1,895,652
Disinfection System Improvement Program	9,627,678	11,803,825	1	11,803,825	14,655,081
Earl Schmidt Filtration Plant Improvements	5,590,265	13,907,874	1	13,907,874	-
Earl Schmidt Intake Pump Station Improvements	1,242,281	1,073,075	1	1,073,075	-
ESFP Standby Generator	10,000	-	1	-	-
Rio Vista Intake Pump Station Improvements	1,242,281	5,794,605	1	5,794,605	-
Rio Vista Treatment Plant Improvements	8,695,967	19,252,971	1	19,252,971	-



# Water Treatment Plants (cont.)

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
RVWTP Underground Storage Tank Replmt	100,000	1,873,000	1	2,384,200	-
Rio Vista Water Treatment Plant Sewer Line	-	401,000	1	936,000	-
RVWTP Turbidity Improvements (NEW)	-	-	3	800,000	27,500,000
ESFP Sludge Collection System	25,675,000	8,510,000	1	10,000,000	-
Battery Energy Storage Project - Rio Vista Water Treatment Plan	1,166,446	1,166,446	1	2,953,223	-
<b>Total</b>	<b>55,242,570</b>	<b>65,678,448</b>		<b>68,905,773</b>	<b>44,050,733</b>



# Water Supply Resiliency

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
<b>Water Supply Resiliency</b>					
BVRRB Storage and Recovery Program	36,946,520	40,523,000	1	40,523,000	65,901,868
New Water Banking Program (AVEK/Mid Valley/Rosedale)	26,600,000	26,500,000	1	26,500,000	80,000,000
Rosedal Phase 2 Wells	-	5,355,800	1	5,355,800	-
Resiliency Water Master Plan Implementation	1,500,000	5,300,000	1	5,300,000	-
Yuba Accord Water	13,528,440	14,089,983	1	14,089,983	20,040,882
Sites Reservoir	20,900,000	805,000	2	20,000,000	80,000,000
<b>Total</b>	<b>99,474,960</b>	<b>92,573,783</b>		<b>111,768,783</b>	<b>245,942,750</b>



# Miscellaneous Projects

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
Update Water Conservation and Education Garden	2,000,000	4,000,000	3	50,000	4,000,000
Meter & Meter Infrastructure Improvements & Replacements (First 2 FY are Grant Funded)	25,777,331	29,048,025	1	25,775,000	32,783,378
Deane SC-6 Soledad Pipeline	700,000	2,125,000	3	-	2,125,000
Asset Management	550,000	2,000,000	2	-	-
Appurtenance Rehabilitation Program	5,093,352	4,399,608	1	4,399,608	5,462,348
Bridgeport Pocket Park	230,000	25,000	1	25,000	-
Deep Monitoring Wells (GSA)	-	4,915,000	1	4,915,000	-
Devil's Den Property Solar Project	100,000	400,000	2	400,000	-
Equipment and Vehicle Resilience Improvements	19,565,926	23,915,000	1	23,915,000	30,051,430





## Miscellaneous Projects (cont.)

Capital Improvement Projects	CIP List as of February 2023 (10-yr FY 23-FY 32)	CIP List as of July 2023 (10-yr FY 24-FY 33)	Priority	CIP List as of Oct 2023 (10-yr FY 24-FY 33)	CIP List as of Oct 2023 (10-yr FY 34 -FY 43)
Invasive Species Management Program	3,105,703	2,985,474	1	2,985,474	-
Laboratory Improvements & Replacements	4,969,124	1,931,250	1	1,931,250	-
SCADA Improvements & Replacements	3,726,843	3,219,225	2	3,219,225	3,996,840
Solar Array Improvements and Replacements Program	-	1,500,000	1	1,500,000	1,821,299
Water Demand Factor Software Development	-	125,000	1	125,000	-
WaterSMART Targets Software Development	-	200,000	1	200,000	-
Office Improvements - Various	14,745,538	10,047,513	1	10,547,513	13,164,992
Technology Improvements and Replacements	28,087,974	29,159,277	1	29,659,277	35,279,688
Meter & Meter Infrastructure Improvements & Replacements	-	-	1	1,200,000	-
<b>Total</b>	<b>108,651,791</b>	<b>119,995,371</b>		<b>110,847,346</b>	<b>128,684,976</b>