

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments	
										Delayed by Outside Forces
										Complete
										On track
			\$	%						Not on track
Contingency: Capital	164,973	0	164,973	100%	7/1/22	6/30/23	N/A	N/A	Transfer: Operations Yard Inventory Storage Improvements \$37,909.00; Underground Storage Tank Replacement \$47,118.00.	
<b>Information Systems</b>										
Aesthetic Enhancements to Various Well Facilities	135,000	58,696	76,304	57%	7/1/21	6/30/23	50%	Planning	Study is complete, selected site project on-hold until the Facilities Maintenance Specialist is hired.	
Architectural Design for the Customer Service Office Remodel	50,000	10,763	39,237	78%	7/1/21	6/30/23	100%	Complete	Complete	
Water Meter Test Bench Replacement (with Recirculating Tank)	227,550	0	227,550	100%	7/1/21	6/30/23	85%	In progress	The test bench is being shipped from Indiana on 7/28. Bench arrived the first week of August and installation and training will be completed in	
IS Office and Server Room Improvements	140,000	112,952	27,048	19%	7/1/19	9/30/23	95%	Complete	Work space improvements including preparation for fire system are complete; fire system to be install by September 2023.	
GIS Assessment and Plan & Expansion of Portal	130,000	53,900	76,100	59%	7/1/21	6/30/27	25%	In progress	Draft Geospatial Strategic Plan completed; implementation of the plan will occur over 3 years.	
Electronic Content Management System & Board Agenda Software	50,000	17,038	32,962	66%	7/1/19	6/30/25	1%	In progress	Project pending hiring of a Records Management Specialist; agenda management software purchased.	
Business, Microwave, SCADA Systems Firewall Replacement	150,000	121,461	28,539	19%	7/1/22	6/30/23	100%	Complete	Complete	
Board Room Technology Upgrade	150,000	20,075	129,925	87%	7/1/22	6/30/24	5%	In progress	Project planning will begin this year but the majority of work will occur next fiscal year; pending Board Room remodel decision.	

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments
			\$	%					
<b>Water Quality</b>									Delayed by Outside Forces Complete On track Not on track
Perdue Water Treatment Plant Facility Master Plan	300,000	273,083	26,917	9%	7/1/21	10/1/23	95%	In progress	A draft report was received in April 2023. Staff is in process of reviewing and commenting on the draft plan. Additional seismic evaluations performed delayed project delivery.
Laboratory Information Management System (LIMS)	90,000	0	90,000	100%	7/1/22	10/1/24	40%	In Progress	LIMS RFP and procurement complete (Promium selected), the Governing Board awarded a contract in June 2023. A kickoff meeting with the vendor occurred in August 2023, a site visit by the vendor is scheduled for September 2023. Full implementation will be conducted in stages over approximately one-year.
Sweetwater Wetlands Habitat Recovery Project (IRWM Grant)	2,067,816	202,552	1,865,264	90%	7/1/19	12/31/24	40%	In progress	Environmental permitting is nearing completion, the HMP plan update is pending completion of the project permits, and the well siting study is in process. Habitat restoration/implementation activities planned for fall 2024 are affected by high level/flood conditions in the Sweetwater Reservoir. As a results, the project may require modifications that achieve the original project benefits, but also can be accomplished within the grant time period. Staff are working with the County Water Authority and Department of Water Resources under the Integrated Regional Water Management Grant program to facilitate any necessary project modifications.

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments	
										Delayed by Outside Forces
										Complete
										On track
			\$	%						Not on track
<b>Water Quality (continued)</b>										
Sweetwater Reservoir Aeration/De-stratification System	1,787,000	256,090	1,530,910	86%	7/1/21	8/31/25	40%	Design	Design completion expected in August 2023. Environmental permitting process expected to be concluded by August 2024. Construction expected to be completed by August 2025.	
Reverse Osmosis Filter Replacements	159,000	158,272	728	0%	7/1/22	6/30/23	100%	Complete	Train-D membrane replacement was completed in March 2023.	
National City Wells Iron and Manganese Removal System	2,963,000	517,335	2,445,665	83%	7/1/21	12/31/24	45%	Design	Design at 90% stage. Anticipated construction contract award in Fall 2023. Staff is anticipating that the selected contractor will have a long lead time on materials delivery.	
Booster Pump, Motor, and Well Replacement Program	80,000	0	80,000	100%	7/1/21	6/30/23	100%	Complete	No repairs and/or replacements have been identified at this time.	
San Diego Formation Wells 7,9,10 Inspection and Repairs	193,950	172,618	21,332	11%	7/1/21	12/31/22	100%	Complete	Repairs complete . Staff continues to investigate the nitrate occurrence at SDF-7.	
Residual Control System	144,000	144,000	0	0%	7/1/21	10/30/22	100%	Complete	Complete	
<b>Engineering</b>										
Douglas Street Interconnection Improvements	156,700	98,720	57,980	37%	7/1/18	8/31/22	100%	Complete	Complete	
Urban Runoff Diversion System Facility Maintenance & Repairs	517,300	392,724	124,576	24%	7/1/19	1/15/23	100%	Construction	Completed emergency repairs to a culvert road crossing on the Alacena Diversion Structure No. 2 after the structure was damaged by storms. Also replaced a damaged and corroded metal grate on the Low Flow Barrier at the upstream end of Sweetwater Reservoir, which prevents large debris from entering the reservoir.	

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments
			\$	%					
<b>Engineering (continued)</b>									<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Delayed by Outside Forces</span> <span>Complete</span> </div> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>On track</span> <span>Not on track</span> </div>
Programmatic Permitting of Property O&M Plan	612,600	148,053	464,547	76%	7/1/19	12/31/28	30%	Planning (pre-environmental review)	A grant from Fish and Wildlife has been awarded in the amount of \$275,000 for preparation of a Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP) to obtain programmatic permitting for the operations and maintenance activities described in the Authority's draft Property Operations and Maintenance Plan. Draft NCCP/HCP to be completed by December 2025. CEQA/NEPA review of all programmatic permitting will follow the drafting of programmatic permitting plans/strategies and anticipated to be completed by June 2028.
Water Resources Master Plan	250,000	99,826	150,174	60%	7/1/21	12/31/23	55%	Planning	Status update presentations to the Board anticipated in both Q1 and Q2 of FY 2023-24, with completion by December 2023.
City of San Diego Otay 2nd Pipeline Interconnection Replacement	275,000	0	275,000	100%	7/1/19	7/31/26	0%	Design	In-house design has not yet commenced and it is pending completion of City of San Diego's design by its consultant. A revised agreement with the City of San Diego will be required prior to construction. Schedule is driven by the City of San Diego, pursuant to the City realigning its transmission main.
Loveland Residence Roof Replacement & Photovoltaic System Installation	110,000	392	109,608	100%	7/1/19	12/31/25	10%	Design	In Q2 for FY 2023-24, staff will recommend to the Board to award as-needed contracts to several engineering firms, to assist staff with implementation of CIPs such as this one.
Loveland Reservoir Boat Ramp Imprv & Anchors for Boat Dock & Boom	332,000	87,469	244,531	74%	7/1/21	12/31/23	85%	Design Study	Design alternatives to be presented to the Board in October 2023. Design and environmental documentation would initiate after the Board approves a design alternative.

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments
			\$	%					
<b>Engineering (continued)</b>									Delayed by Outside Forces Complete On track Not on track
Naples Street Large Meter Improvements	85,000	0	85,000	100%	7/1/19	6/30/26	0%	Design	4-inch meter requires to be relocated because meter vault presents a tripping hazard and meter vault is not per current standards. Service line would also require relocation; however, the street is under pavement moratorium and it will be more cost-effective to replace the meter and service line once the street moratorium expires in 2026.
Consulting Team for Reservoir Enhancement Project	500,000	235,836	264,164	53%	7/1/21	12/31/24	45%	In Progress	Preliminary cost/benefit completed and presented to the Board on October 2022. RFP to select Reservoir Enhancement Entity (REE) issued on May 30, 2023. Proposals are due on September 11, 2023. REE would dredge Sweetwater Reservoir and SWA looking to share future project costs with REE, such as but not limited to environmental and permitting costs. RFP outlines the following goals: (1) Continue to supply high-quality water to customers, (2) Ensure long-term sustainable health of the reservoir, (3) Minimize impacts to surrounding community/residents, and (4) Ensure long-term financial viability and leverage Authority assets.
Fire Tank Replacement at Loveland Reservoir	74,800	0	74,800	100%	7/1/19	12/31/24	10%	Design & Planning	Project was ready to be advertised for construction in late 2022. However, water transfers from Loveland and releasing water to lower levels placed this project on hold momentarily due to uncertainty of water availability for proposed tank. Design is being reevaluated to make construction more cost-effective.

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments
			\$	%					
<b>Engineering (continued)</b>									Delayed by Outside Forces Complete On track Not on track
New San Diego Formation Well in National City	500,000	3,731	496,269	99%	7/1/22	3/31/24	40%	Planning	Consultant and staff have completed a list of most suitable well locations. A test boring will need to be conducted to confirm anticipated soil conditions. Test boring targeted for December 2023, after obtaining Board approval for additional expenditure that had been listed as an optional task in scope of work.
Engineering Design Program	160,000	133	159,868	100%	7/1/22	6/30/23	100%	Design	Design and land surveys for pipeline replacements targeted for FY 2022-23 were completed.
Sweetwater Rd, Briarwood Rd to Pray St, BN; Pray St, Sweetwater Rd to Pray Ct, Pray St, Sweetwater Rd to Pray Ct, BN	2,370,400	2,005,749	364,651	15%	7/1/21	4/1/23	100%	Complete	Complete
Bucky Ln, between South 43rd St and Sill St, NC	400,100	469,139	(69,039)	-17%	7/1/21	4/1/23	100%	Complete	Complete
East 24th St, between Grove St and Euclid Ave, NC	405,600	487,786	(82,186)	-20%	7/1/21	4/1/23	100%	Complete	Complete
Salot St, Tolas Ct to East 8th St, NC	155,500	0	155,500	100%	7/1/22	6/30/24	0%	Design	Survey work has been completed and design is underway. Survey and design work under Engineering Design Program. Funding on this item is solely for construction.
East 16th St, Euclid Ave to Pump Station No. 39, NC	1,447,600	0	1,447,600	100%	7/1/22	6/30/24	0%	Design	Survey work has been completed and design is underway. Survey and design work under Engineering Design Program. Funding on this item is solely for construction.

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments	Delayed by Outside Forces
										Complete
										On track
			\$	%						Not on track
<b>Engineering (continued)</b>										
La Vista Cemetery, Euclid Ave to East 32nd St, NC	767,700	0	767,700	100%	7/1/22	6/30/24	0%	Design	Survey work has been completed and design is underway. Survey and design work under Engineering Design Program. Funding on this item is solely for construction.	
East 32nd, between Olive St to Orange St, NC	979,400	0	979,400	100%	7/1/22	6/30/24	0%	Design	Survey work has been completed and design is underway. Survey and design work under Engineering Design Program. Funding on this item is solely for construction.	
Olive St, East 32nd St to Sweetwater Rd, NC	255,600	0	255,600	100%	7/1/22	6/30/24	0%	Design	Survey work has been completed and design is underway. Survey and design work under Engineering Design Program. Funding on this item is solely for construction.	
FY22 Pavement Maintenance	0	722	(722)	n/a	7/1/20	12/30/22	100%	Completed	Paving projects for FY22 completed.	
St Imp 19-14 El Toyon Las Palmas Relocations	32,500	15,152	17,348	53%	7/1/10	7/31/22	100%	Completed	Complete	
St Imp Paradise Creek Educational Park Extension	7,500	1,195	6,305	84%	7/1/21	9/1/22	100%	Completed	Complete	
St Imp D Street Sidewalk	7,500	4,690	2,810	37%	10/1/22	4/1/23	100%	Completed	Facility relocations completed to accommodate D Street sidewalk improvements in Chula Vista.	
St Imp G Street, Bay Blvd to Marina Parkway Main	49,740	(31,343)	81,083	163%	10/1/22	6/30/24	50%	Construction	Design completed. Procurement of materials by contractor expected to take 4 - 6 weeks and construction is estimated to take 3 weeks. Construction is expected to be completed sooner than previously anticipated based on City of Chula Vista's schedule.	
Street Improvements - Alpine Avenue	43,600	90	43,510	100%	2/1/23	6/30/24	35%	Design	Design by City of Chula Vista at 90% stage.	

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments
			\$	%					
<b>Engineering (continued)</b>									Delayed by Outside Forces Complete On track Not on track
Street Improvements - Bonita Rd. Culvert Replacement	54,850	0	54,850	100%	2/1/23	6/30/24	50%	Construction	Project construction anticipated to start in October 2023.
FY23 Street Improvements	86,810	0	86,810	100%	7/1/21	6/30/23	100%	Planning	Budget for FY 2022-23 Street Improvements was established to respond to land use agencies' requests to relocate water facilities in conflict with proposed street improvements, before a budget for each specific street improvement project is developed. Once a budget is developed for a specific street improvement projects, then funding from this line item is reallocated to the specific street improvement project. For example, the budget for the Bonita Rd Culvert Replacement item above was initially a part of the budget for FY23 Street Improvements and once the budget for the project was determined, then a project number was established and the funds were transferred over.
Newell Street Hydrant Relocation–Safe Routes to School	50,500	54,353	(3,853)	-8%	1/1/21	7/31/22	100%	Completed	Completed
Paradise Creek Water Quality Enhancements Phase II	70,000	0	70,000	100%	6/1/21	12/31/23	50%	Construction	Construction anticipated to start in September 2023.



**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments
			\$	%					
<b>Engineering (continued)</b>									<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Delayed by Outside Forces</span> <span>Complete</span> </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> <span>On track</span> <span>Not on track</span> </div>
Central Wheeler Tank Construction & System Improvements	3,081,000	534,442	2,546,558	83%	7/1/21	1/31/25	30%	Design and Construction	Installation of pipeline on Summit Meadow Rd has been completed by staff, not contractor, to be able to finish work before County road improvements on Summit Meadow Rd. Design for 16-inch PVC pipeline on San Miguel Rd. will be completed in August 2023. Construction award for this pipeline is expected in December 2023. Completion of Central-Wheeler Tank is anticipated in January 2025.
Rehabilitation of Morris, Starr and Bonita Highlands #2 Tanks	743,181	786,513	(43,332)	-6%	7/1/18	7/31/22	100%	Completed	Completed
Cathodic Protection at up to Four Steel Storage Tanks	670,000	0	670,000	100%	7/1/20	12/31/24	45%	Design	Design is at 90% stage. Construction contract award anticipated in Q3 of FY 2023-24.
Bonita Valley Reservoir Control Building Roof Replacement	150,000	300	149,700	100%	7/1/21	12/31/24	0%	Design and Planning	In Q2 for FY 2023-24, staff will recommend to the Board to award as-needed contracts to several engineering firms, to assist staff with implementation of CIPs such as this one.
Cherry Hills Tanks Lining Replacement & Bonita Valley Reservoir	400,000	493	399,507	100%	7/1/21	12/31/24	10%	Design	In Q2 for FY 2023-24, staff will recommend to the Board to award as-needed contracts to several engineering firms, to assist staff with implementation of CIPs such as this one.
Clearwell Effluent Meter Replacement	1,026,000	144,858	881,142	86%	7/1/21	9/30/24	40%	Design	Design of meter replacement at Perdue to be completed by August 2023. Construction contract award anticipated in Fall 2023.

**CAPITAL PROJECTS REPORT**  
**FY 2022-23 for the Quarter Ending June 30, 2023**

	Project to-date Budget	Project to-date Costs	Remaining		Project Start Date	Estimated Project End Date	Project Complete %	Project Phase	Comments	
										Delayed by Outside Forces
										Complete
										On track
			\$	%						Not on track
<b>Engineering (continued)</b>										
Stairway and Valve Replacement at Loveland Dam	3,185,000	181,276	3,003,724	94%	7/1/20	12/31/25	25%	Design & Planning	Plans and specifications have been completed and are pending submittal to DSOD for their review, pending Board action on staff's recommendation(s) that will be presented to the Board in October 2023.	
Sweetwater Dam and South Dike Improvements	8,275,000	1,615,766	6,659,234	80%	7/1/10	Pending	35%	Design Study	Improvement plans to Sweetwater Dam have been completed. Project end date and construction pending per additional requirements by DSOD to complete additional investigations, per Oroville incident.	
<b>Operations</b>										
Operations Yard Inventory Storage Improvements	167,909	123,718	44,191	26%	7/1/21	4/30/23	100%	Completed	Complete	
Gasoline Underground Storage Tank Replacement	397,118	219,421	177,697	45%	7/1/21	12/31/23	40%	Construction	Phase 1 nearly completed; long lead time on delivery of gasboy unit. Removal of underground storage tank (Phase 2) will initiate as soon as new gasboy unit has been installed.	
Valve Replacement Program	400,000	428,027	(28,027)	-7%	7/1/22	6/30/23	100%	Completed	Staff installed 5 out of 11 new valves that were budgeted for FY 2022-23, per recommendations of the Water Distribution System Master Plan. Staff also replaced 35 non-functioning valves that were budgeted for replacement in FY 2022-23.	
FY22 Vehicle Replacement Program	243,520	243,520	(0)	0%	7/1/20	n/a	100%	FY22 Complete	Staff has ordered vehicles that were scheduled	

