

CAWD/PBCSD RECLAMATION
PROJECT

2024-25

Reviewed by Technical Advisory Committee (TAC) on April 30, 2024

Presented to Reclamation Management Committee (RMC) on May 7, 2024

CAWD/PBCSD Reclamation Project
2024-25

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**CAWD/PBCSD RECLAMATION PROJECT
2024-25 BUDGET SUMMARY**

	Budget 2022-23	Estimated Actual 2022-23	Budget 2023-24	Est. Actual 2023-24	Proposed 2024-25 Budget	Inc/(Dec) Proj. Actual 23-24	Proposed to Budget 23-24
User Revenue							
Water Sales	3,421,188	2,771,615	3,314,586	2,658,522	3,444,189	29.55%	3.91%
Non Operating Share	4,057,756	4,057,757	1,420,215	1,392,368	1,741,250	25.06%	22.60%
Operating Expenses							
Plant Operating Expenses	2,535,195	2,173,588	2,388,305	2,010,534	2,476,661	23.18%	3.70%
PBCSD Expenses	580,000	477,614	600,000	465,937	565,000	21.26%	-5.83%
CAWD Admin. Expenses	111,798	125,464	113,681	176,424	186,835	5.90%	64.35%
MPWMD Admin. Expenses	61,520	63,237	73,760	73,760	79,575	7.88%	7.88%
PBCo / IRWUG Expenses	55,926	55,048	57,084	56,780	59,367	4.56%	4.00%
Potable Water Costs	6,750	64,209	6,750	3,427	6,750	96.95%	0.00%
MPWMD fee	70,000	85,385	75,000	59,597	70,000	17.45%	-6.67%
	<u>3,421,189</u>	<u>3,044,545</u>	<u>3,314,580</u>	<u>2,846,460</u>	<u>3,444,189</u>	<u>21.00%</u>	<u>3.91%</u>
Operating Income/(Loss) before Amortization	4,057,755	3,784,826	1,420,221	1,204,430	1,741,250	44.57%	22.60%
Non Operating Revenues/(Expenses)							
Interest Income	25,015	(1,095)	20,170	31,338	20,060	-35.99%	-0.55%
Bond Carrying Costs	(20,000)	(5)	0	0	0	n/a	n/a
Bank charges	(35)	(62)	(35)	(5)	(5)	0.00%	-85.71%
Interest to MPWMD	0	0	0	0	0	n/a	n/a
Principal Pymt to MPWMD	0	0	0	0	0	n/a	n/a
LC Carrying Costs	(24,000)	(3,000)	0	0	0	n/a	n/a
COP Interest Expense	(13,000)	0	0	0	0	n/a	n/a
COP Principal Payment	(2,600,000)	(2,600,000)	0	0	0	n/a	n/a
Interest on Principal Advanced	(35,880)	(90,694)	0	(1,518)	0	-100.00%	n/a
Past LC fees/Bond Carry Cost	(552,000)	(552,000)	0	0	0	n/a	n/a
Other Revenue/(Expense)	0	1,311	0	0	0	n/a	n/a
	<u>(3,219,900)</u>	<u>(3,245,546)</u>	<u>20,135</u>	<u>29,815</u>	<u>20,055</u>	<u>-32.74%</u>	<u>-100.62%</u>
Income/(Loss) before Capital	837,855	539,281	1,440,356	1,234,245	1,761,305	42.70%	110.22%
Non Operating							
Interest					20,055		
Purchases	237,300	46,887	65,350	86,500	232,000	168.21%	255.01%
Improvement Projects	1,220,556	1,180,050	550,000	680,166	979,250	43.97%	78.05%
Addition to Reserves	0	0	825,000	825,000	530,000	-35.76%	-35.76%
	<u>1,457,856</u>	<u>1,226,937</u>	<u>1,440,350</u>	<u>1,591,666</u>	<u>1,761,305</u>	<u>43.55%</u>	<u>20.81%</u>
Net Income/(Loss)	(620,001)	(687,656)	6	(357,421)	0	-100.00%	-100.00%
Less Unspent Capital		230,919		(151,316)			
Less Excess O&M Contributions		376,644		468,120			
Balanced Net Income	<u>(620,001)</u>	<u>(80,093)</u>	<u>6</u>	<u>(40,616)</u>	<u>0</u>	<u>-100.00%</u>	<u>n/a</u>
Amortization Exp	1,700,000	1,775,783	1,750,000	1,775,783	1,775,790	0.00%	4.46%

**CAWD/PBCSD RECLAMATION PROJECT
REVENUE PROJECTIONS
FY 2024-25**

Description	Acct. No.	Budger 2022-23	Actual 2022-23	Budget 2023-24	Estimated Actual 2023-24	Proposed Budget 2024-25	Comments
Revenue							
Interest Income - County	99906	15	17	40	29	30	O&M operating funds are on deposit with the County of Monterey.
Interest Income - Bank of America	99904	0	5	40	0	30	Water sales revenue funds are invested in money market account
Interest Income- (O&M Reserve & Cap Repl)	99908	10,000	5,632	10,000	20,275	10,000	Renewal & replacement funds invested in highly rated comm'l
Gain (loss) on Securities	99936	15,000	(6,749)	10,000	11,034	10,000	
Interest Income - Union Bank (O&M)	99910	0	0	75	0	0	
Interest Income - Wells Fargo Escrow Acct	99912	0	0	15	0	0	
Other Revenue	99945	0	1,311	0	0	0	
Water Sales (inc. late prmts)	52000	3,421,188	2,771,615	3,314,586	2,658,522	3,444,189	See schedule p. 17
Fixed Cost Charge	52100	4,057,756	4,057,757	1,420,215	1,392,368	1,741,250	
MPWMD fees (8.325%)	99997	(70,000)	(85,385)	(75,000)	(59,597)	(70,000)	Increase due to resumption of Districts User Fee on Cal-Am bills
TOTAL REVENUE		7,433,959	6,744,202	4,679,971	4,022,631	5,135,499	16.34% increase from 23-24 budget 35.35% increase from 23-24 Projected actual

Note 1: The origin of the 8.325% charge is based on the premise that all users of water provided by the Reclamation Project will pay the exact same cost as they would pay for a similar quantity of potable water. The specific provision related to the MPWMD User Fee is contained in Section 5, Bond Carrying Costs, Operation and Maintenance Expenses and Operating Revenues, of the Financing Implementation Agreement Relating to Wastewater Reclamation Project dated Dec 1, 1992.

**CAWD/PBCSD Reclamation Project
Operations and Maintenance Budget
Fiscal Year 2024-25**

ITEM	Acct No.	Budget 2022-23	Actual 2022-23	Estimated		Proposed Budget 2024-25	Comments/Notes
				Budget 2023-24	Actual 2023-24		
PLANT OPERATING EXPENSES:							
Plant Salaries, Benefits & Overhead							
Plant Superintendent	61100	19,655	\$ 20,014	\$ 18,031	\$ 22,556	\$ 24,230	From CAWD O&M Recl 23-24
Laboratory Supervisor	61200	25,392	\$ 29,115	\$ 26,469	\$ 42,795	\$ 45,975	
Laboratory Technicians	61300	79,635	\$ 56,221	\$ 74,833	\$ 33,080	\$ 35,535	
Plant Operators	61400	213,818	\$ 170,734	\$ 205,743	\$ 190,524	\$ 204,670	
Maintenance Supervisor	61450	20,589	\$ 13,420	\$ 17,678	\$ 12,443	\$ 13,365	
Maintenance Mechanics	61500	32,815	\$ 24,250	\$ 26,587	\$ 24,199	\$ 25,995	
Plant Engineer	61600	17,338	\$ 33,787	\$ 14,032	\$ 6,906	\$ 6,345	Principal/District Engineer for capital planning
Safety Officer	61700	13,906	\$ 10,358	\$ 14,163	\$ 10,788	\$ 11,590	
Differential PR	62000	19,576	\$ 16,689	\$ 19,247	\$ 17,378	\$ 18,670	
Payroll Taxes, Benefits & Indirect Overhead	62100	221,362	\$ 187,294	\$ 201,375	\$ 180,334	\$ 193,188	
TOTAL PLANT SALARIES		664,086	\$ 561,883	\$ 618,158	\$ 541,001	\$ 579,563	COLA 4.5% (March 2024) plus 2.8% (July 2024)
Energy Cost							
Tertiary Operations	63300	278,598	\$ 186,706	\$ 278,598	\$ 185,347	\$ 278,600	plus/minus due to weather conditions and storage levels
MF/RO Pad	63400	295,648	\$ 234,137	\$ 295,648	\$ 241,444	\$ 295,650	Budget estimate assumes operational 12 mos. and does not account for rain or shut downs
Secondary Costs - EQ Basin PD Blower	63500	151,033	\$ 148,237	\$ 151,033	\$ 159,753	\$ 158,600	
SUBTOTAL		725,279	\$ 569,079	\$ 725,279	\$ 586,544	\$ 732,850	
Chemical Costs:							
Clean-in-place chemicals	64200	42,000	\$ 32,700	\$ 41,580	\$ -	\$ 30,800	
Antiscalant	64400	48,000	\$ 43,631	\$ 36,722	\$ 14,119	\$ 36,722	
Phenylarsine oxide	64410	1,150	\$ 892	\$ 525	\$ -	\$ 525	
Acetate buffer solution	64420	320	\$ 118	\$ 250	\$ -	\$ 250	
Chlorine	65100	-	\$ -	\$ -	\$ -	\$ 360	
Iodine solution	64430	500	\$ 246	\$ 324	\$ -	\$ 360	
Citric Acid	65160	85,000	\$ 68,721	\$ 81,545	\$ -	\$ 45,391	
Sulfuric Acid	65170	40,755	\$ 36,974	\$ 48,450	\$ 23,917	\$ 34,850	
Acetic Acid	65180	1,050	\$ 474	\$ 1,093	\$ 664	\$ 1,148	
Sodium Bisulfite	65200	69,000	\$ 42,247	\$ 56,610	\$ 51,143	\$ 66,970	
Sodium Hypochlorite	65250	45,000	\$ 63,051	\$ 72,420	\$ 121,851	\$ 82,280	
Polymer	65400	19,620	\$ 11,725	\$ 23,358	\$ 17,578	\$ 26,930	
Gypsum	65500	-	\$ -	\$ -	\$ -	\$ -	
Miscellaneous chemicals	65600	1,150	\$ 64	\$ 1,000	\$ 64	\$ 29,500	
Potassium Hydroxide	65700	29,960	\$ -	\$ 33,396	\$ -	\$ 33,396	
Potassium iodate solution	65725	800	\$ 460	\$ 780	\$ -	\$ 829	
Potassium iodide	65750	2,900	\$ -	\$ 2,200	\$ -	\$ 2,200	
Ammonia Hydroxide		89,000	\$ 99,789	\$ 78,033	\$ 86,554	\$ 78,033	
Ammonium Sulfate	65900	-	\$ 5,951	\$ -	\$ -	\$ -	
PHOS-58	65910	100,000	\$ 119,526	\$ 108,900	\$ 116,179	\$ 108,900	
Enzymes	65920	7,000	\$ -	\$ 7,650	\$ -	\$ 9,450	
SUBTOTAL		583,205	\$ 526,569	\$ 594,836	\$ 432,069	\$ 588,894	
Operating Supplies - Plant							
Repairs & Maintenance	66100	98,000	\$ 119,297	\$ 93,310	\$ 188,923	\$ 135,060	
Plant Pumps	66190	30,000	\$ 28,438	\$ 29,650	\$ 30,944	\$ 70,150	
Laundry	66200	1,500	\$ 744	\$ 1,500	\$ 1,024	\$ 1,500	
Lubricants/Packing	66300	1,000	\$ -	\$ -	\$ -	\$ 400	
Electrical Supplies	66400	15,000	\$ 1,761	\$ 15,000	\$ 20,345	\$ 15,000	
Laboratory Supplies	66500	46,200	\$ 43,947	\$ 57,532	\$ 45,177	\$ 62,265	
Paint	66600	2,000	\$ 176	\$ 500	\$ -	\$ 500	
Postage & Office Supplies	67000	1,000	\$ -	\$ -	\$ -	\$ 1,000	
First Aid Supplies	67100	200	\$ -	\$ -	\$ -	\$ 200	
Janitorial Supplies	67100	-	\$ -	\$ 1,000	\$ -	\$ 1,500	
Tertiary Pump Alarm	67300	-	\$ -	\$ -	\$ -	\$ -	
Personnel Supplies	67400	1,000	\$ -	\$ -	\$ -	\$ 1,000	
Hand Tools	67800	1,500	\$ 1,744	\$ 1,000	\$ -	\$ 1,000	

**CAWD/PBCSD Reclamation Project
Operations and Maintenance Budget
Fiscal Year 2024-25**

ITEM	Acct No.	Budget 2022-23	Actual 2022-23	Budget 2023-24	Estimated Actual 2023-24	Proposed Budget 2024-25	Comments/Notes
General Operating Supplies	67700	1,000	\$ 5,473	\$ 200	\$ 6,634	\$ 2,940	
Safety	67800	3,275	\$ 2,490	\$ 3,500	\$ 322	\$ 3,000	
Training	67900	2,500	\$ -	\$ 3,500	\$ -	\$ 3,500	
SUBTOTAL		204,175	\$ 204,071	\$ 206,692	\$ 293,368	\$ 299,015	
Membrane Costs							
Microfilter Membrane Modules	67510	160,000	\$ 157,130	\$ -	\$ -	\$ -	
Annual Cartridge Filter Replacement	66700	12,500	\$ 12,741	\$ 12,500	\$ 13,305	\$ 16,800	
RO Membrane Elements	67500	15,000	\$ 14,683	\$ 37,170	\$ -	\$ 34,000	
Spare Parts & Outfitting	66750	25,000	\$ 25,109	\$ 13,800	\$ -	\$ 12,400	
SUBTOTAL		212,500	\$ 209,663	\$ 63,470	\$ 13,305	\$ 63,200	
Contractual Services:							
Chemical Waste Disposal	68100	500	\$ -	\$ -	\$ -	\$ 750	
Plant Instrumentation	68200	38,800	\$ 39,282	\$ 51,350	\$ 61,685	\$ 42,500	
Fire Extinguisher Service	68300	500	\$ 138	\$ 200	\$ 352	\$ 500	
Calibration	68400	7,400	\$ 13,325	\$ 4,700	\$ 667	\$ 22,500	
Contract Laboratory Analysis	68500	6,500	\$ 9,639	\$ 9,500	\$ 21,286	\$ 9,500	
Gypsum Injection System Maintenance/Lease	68600	-	\$ -	\$ -	\$ -	\$ -	
Contract Painting	68700	-	\$ -	\$ -	\$ -	\$ -	
System software/IT consulting	68710	30,500	\$ 15,602	\$ 44,200	\$ 24,968	\$ 43,500	
SAR Equipment Maintenance	68720	-	\$ -	\$ 5,500	\$ -	\$ 9,978	
Hoist Certification	68730	1,000	\$ -	\$ 1,000	\$ -	\$ 600	
Alarm-Tertiary Equipment	68900	250	\$ 193	\$ 300	\$ 226	\$ 300	
SUBTOTAL		85,450	\$ 78,179	\$ 116,750	\$ 109,184	\$ 130,128	
Fees & Permits	69110	5,500	\$ 2,388	\$ 5,120	\$ 4,142	\$ 13,013	
Engineering Fees:							
Consulting	69200	35,000	\$ 21,769	\$ 38,000	\$ 21,735	\$ 50,000	
Membrane Cleaning Pilot	69250	20,000	\$ -	\$ 20,000	\$ 9,200	\$ 20,000	
Discounts			\$ (12)	\$ -	\$ (14)	\$ -	
SUBTOTAL		55,000	\$ 21,757	\$ 58,000	\$ 30,921	\$ 70,000	
TOTAL PLANT OPERATING EXPENSES		\$ 2,535,195	\$ 2,173,588	\$ 2,388,305	\$ 2,010,534	\$ 2,476,661	3.7% increase from 23-24 budget 23.18% increase from 23-24 Projected actual

**PEBBLE BEACH COM SVC DISTRICT
DISTRIBUTION SYSTEM ADMIN & MAINT:
Salaries, Benefits & Overhead**

General Manager	71000	-	\$ 1,357	\$ -	\$ -	\$ -	Calculated based on the estimated PBCSD Admin staff time for CAWD/PBCSD Reclamation Project related duties. Prior years experience and next year's anticipated activities are used in the prediction of the FY 2023-24 estimated hours. FY 2024/25: COLA is 2.5% and 5% step increases for 3 qualified admin/engineering personnel; Other Staffing Notes: In Jul 2023 the finance director was promoted to CFO, In Jan 2023 an environmental compliance coordinator position was filled, and in Apr 2023 a new accounting technician position was filled. On Jul 1, 2024, it is planned that the District Engineer/Deputy GM will be promoted to General Manager, due to the retirement of the current GM. The hours budgeted for this position has been re-allocated to the Associate Engineer & Environmental Compliance Coordinator. An assistant engineering position remains vacant.
Principal Engineer	71100	10,000	\$ 14,269	\$ 8,000	\$ 5,987	\$ -	
Finance Director	71200	2,000	\$ 4,030	\$ 2,000	\$ 1,480	\$ 2,000	
Senior Accountant/Accountant	71300	4,500	\$ 693	\$ 4,500	\$ 4,869	\$ 5,000	
Administrative Coordinator	71400	500	\$ -	\$ 1,000	\$ 500	\$ 1,000	
Environmental Compliance Coordinator	71500	-	\$ -	\$ 3,000	\$ 4,719	\$ 5,000	
Senior/Associate/Associate Engineers	71600	10,500	\$ -	\$ 4,500	\$ 4,709	\$ 10,000	
Engineering Intern	71700	500	\$ -	\$ 500	\$ 360	\$ 500	
Payroll Taxes , Benefits & Overhead	71800	14,000	\$ 10,175	\$ 11,500	\$ 11,292	\$ 11,500	The payroll taxes, benefits and indirect overhead is calculated at 50% as agreed upon by the project participants.
SUBTOTAL		42,000	\$ 30,525	\$ 35,000	\$ 33,856	\$ 35,000	
Other Administrative & General Expenses:							
Insurance - Property & Liability	72100	7,500	\$ 7,500	\$ 9,000	\$ 9,543	\$ 11,000	Property (\$8,000) / Liability (\$3,000); FY 2024/25 Budgeted based on an 15% increase from actual paid in 2023/24

**CAWD/PBCSD Reclamation Project
Operations and Maintenance Budget
Fiscal Year 2024-25**

ITEM	Acct No.	Budget 2022-23	Actual 2022-23	Budget 2023-24	Estimated Actual 2023-24	Proposed Budget 2024-25	Comments/Notes
Insurance - Earthquake	72100	26,000	\$ 26,619	\$ 31,000	\$ 32,308	\$ 36,500	\$25M Policy limit - FL Reservoir (\$26,000) & Poppy Hills Storage Tank (\$10,500); FY 2024/25 Budget based on an 18% increase from actual paid in 2023/24
Insurance - Forest Lake Dam Failure Liability	72100	4,000	\$ 4,000	\$ 4,500	\$ 4,208	\$ 5,000	In 2020-21 due to substantial increase in insurance costs, reduced coverage from \$10M to \$5M. (The cost of \$10M coverage is \$28,000); FY 2024/25 Budget based on an 15% increase from actual paid in 2023/24
Directors Fees	72200	500	\$ 200	\$ 500	\$ 300	\$ 500	2 Directors x 5 meetings/year x \$50 per meeting
SUBTOTAL		38,000	\$ 38,319	\$ 45,000	\$ 46,357	\$ 53,000	
Total Administrative & General Expenses		\$ 80,000	\$ 68,844	\$ 80,000	\$ 80,213	\$ 88,000	
Distribution System O.&M. Expenses:							
Salaries, Benefits & Overhead:							
Field Operations Supervisor	73000	10,000	\$ 9,181	\$ 10,000	\$ 9,205	\$ 10,000	Calculated based on the estimated time to operate and maintain the Forest Lake Reservoir, 8 miles of distribution pipeline, the 2.5M gallon storage tank, and the Viscalno Rd emergency potable water station. FY 2024/25 COLA is at 2.5%; Total of 3 Maintenance staff budgeted (1 Maint Manager & and 1 Maint Technician/ Maintenance Worker II) expected to receive 5% merit increases; Increase in personnel costs primarily due to in-house installation of the Strainer at Forest Lake in 2024-25.
Maintenance Technicians	73100	50,000	\$ 60,023	\$ 55,000	\$ 58,699	\$ 65,000	
Payroll taxes, Benefits & Overhead	73200	30,000	\$ 34,602	\$ 33,000	\$ 34,452	\$ 37,500	The payroll taxes, benefits and indirect overhead is calculated at 50% as agreed upon by the project participants.
SUBTOTAL		90,000	\$ 103,806	\$ 98,000	\$ 103,356	\$ 112,500	
Energy & Utilities:							
Potable Water Pump Station - PG&E	74000	1,000	\$ 1,078	\$ 1,000	\$ 636	\$ 1,000	PBCSD pumps will be turned on during emergencies. PBCSD pays a minimum of 1% of the cost per agreement with CalAm.
SCADA System: DSL ATM / Telemetry Anak	74200	12,000	\$ 11,116	\$ 13,000	\$ 11,178	\$ -	Monthly AT&T / Comcast & Verizon charges for lines between Potable Water Pump Station, Forest Lake, CAWD and PBCSD. FY 2024-25 Planned disconnection of ATT voice telemetry and DSL SCADA lines.
Wireless Alarm Sys Chg (Mission)	74300	1,000	\$ 563	\$ 1,500	\$ 900	\$ 2,000	Annual maint agmt for Cell Phone Alarm System at Poppy Hills Storage Tank and PB Golf Links 4th Fairway / 18th Green. FY 2024-25 Add 18th Fairway
Forest Lake Treatment Facility (PG&E)	74400	30,000	\$ 27,991	\$ 30,500	\$ 35,611	\$ 40,000	Budgeted based on previous experience & anticipated operations
Forest Lake Eyewash Station (CalAm)	74500	1,500	\$ 1,116	\$ 1,500	\$ 1,140	\$ 1,500	Budgeted based on previous experience. Includes service to eyewash station at the chemical building.
Poppy Hill Booster Pump Station - PG&E	74600	1,500	\$ 1,044	\$ 1,500	\$ 1,277	\$ 1,500	Budgeted based on previous experience & anticipated operations.
Cathodic Protection	74700	1,000	\$ 729	\$ 1,000	\$ 928	\$ 2,000	2 Locations: Forest Lake Rd & Whitman Ln; Budgeted based on previous experience & anticipated operations; FY 2024-25 addition of a location with the completion of the 2023-24 Cathodic Protection Project.
SUBTOTAL		48,000	\$ 43,638	\$ 50,000	\$ 51,670	\$ 48,000	
Source Water / Dry Weather Diversion							
Reclamation Source Water	77600	3,000	\$ 2,954	\$ 4,000	\$ 3,222	\$ 5,000	Materials/Supplies for Reclam Wells (MPCC #8 / MPCC #9 / Bird Rock #1 / Bird Rock #2); Budgeted \$1,000 per location. FY 2024-25 Planned meter replacements at 2 wells
4th Fairway Dry Weather Diversion Facility	77700	2,000	\$ 1,738	\$ 3,000	\$ 1,013	\$ 6,000	Materials / Supplies for dry-weather diversion facilities at the PB Golf Links: 4th Fairway / 18th Green / 18th Fairway; Budgeted at \$1,000 per location.; FY 2024-25 Planned meter replacements at 3 locations.
Remote Flow Monitoring	77900	4,000	\$ -	\$ 4,000	\$ 4,254	\$ 4,000	Neptune Meter at Bird Rock Well / Remote Reporting (Cloud-Based) Annual Service; Badger Meter annual cellular svc chg for the other 2 well sites, and 2 dry-weather diversion sites. Bird Rock Wells 1 & 2 / MPCC #8 Well Level (In-Situ)

**CAWD/PBCSD Reclamation Project
Operations and Maintenance Budget
Fiscal Year 2024-25**

ITEM	Acct No.	Budget 2022-23	Actual 2022-23	Budget 2023-24	Estimated Actual 2023-24	Proposed Budget 2024-25	Comments/Notes
Water Treatment Cost	77800	115,000	\$ 76,329	\$ 95,000	\$ 75,000	\$ 85,000	Cost to provide primary and secondary treatment at CAWD Treatment Plant. Alternative Source Water Locations @ Wells: MPCC Well No 8 / 9 & Bird Rock Well No 1 & 2; Diversion: Pebble Beach Golf Links 4th Fairway / 18th Green & 18th Fairway
SUBTOTAL		124,000	\$ 81,020	\$ 106,000	\$ 83,489	\$ 100,000	
Distribution System - Other O.&M. Expenses:							
Other professional services	75200	1,500	\$ 1,540	\$ 1,500	\$ 915	\$ 1,500	Mgmt Comm Mtg Attendance & Minutes (Nov / Feb / May / Aug - may not be held)
Permits	75300	30,000	\$ 27,468	\$ 30,000	\$ 28,611	\$ 32,000	1. SWRCB-General Permit (\$5,000) 2. DSOD-Forest Lake Operating Permit (\$27,700) 3. MBUAPCD-Viscaino Generator (\$500) / Environ Health-Viscaino Fuel Tank Permit (\$700) (PBCSD: 2/5 & CalAm: 3/5)
Fuel	75500	4,000	\$ 3,943	\$ 4,000	\$ 2,500	\$ 4,000	1) Estimated fuel use for vehicles billed in May (Jan 2023 mileage reimb rate / mile increased from \$0.655 to \$0.67) and 2) Diesel fuel for Viscaino Rd. pump station UGST (Cal Am 3/5; Reclam Prj 2/5); UGST diesel fuel last purchased in Feb 2023.
Training & Tuitions	75600	2,500	\$ 2,220	\$ 2,500	\$ 4,727	\$ 5,000	Maint & safety programs (regist/materials/travel/misc exp. Memberships & Certif) Includes Water Awareness Committee Membership (\$1K); Watereuse Membership & training for maint employees (\$1.5K); FY 2024-25: Budgeted increase for Water
GIS Development & Maintenance	75800	7,000	\$ 7,590	\$ 10,000	\$ -	\$ 5,000	Consulting svcs related to GIS Development
SCADA Platform Support Svcs Subscription	75900	7,000	\$ 1,134	\$ 10,000	\$ 2,538	\$ 5,000	Inductive Ignition Support Services Subscription (25% Reclam = \$1.5K); Annual SCADA Updates & Programming Costs (E2 Consulting / Frisch Engineering) - Assignment #50 (\$3.5K); SCADA Programmin (TES01) & SCADA Hardware & Server
Consulting Services	76000	80,000	\$ 15,059	\$ 70,000	\$ 34,679	\$ 35,000	Misc General Consulting (\$30K); Forest Lake Annual Monument Survey (\$5K).
Reclamation Line Distribution Sys	76300	10,000	\$ -	\$ 10,000	\$ -	\$ 15,000	Meter calibration & Other General Repairs and Maintenance (R&M); Materials & Supplies: FY 2024-25 Planned Cathodic Prev Maint / Annual load bank test / Underground tank leak detect & general R&M
Viscaino Rd/Poppy Hills Pump Station	76400	4,000	\$ 1,796	\$ 14,000	\$ 4,053	\$ 5,000	Quarterly Reimbursement to Maintenance Crew for vehicle mileage paid for work performed after hours, weekends & holidays
Call Out Mileage Expense	76500	2,000	\$ 1,756	\$ 2,000	\$ 2,004	\$ 2,000	General repairs and maintenance to Forest Lake \$25,000; FY 2024/25: FL Outlet Structure Level (\$10,000) replaced every 10 years.
Forest Lake Reservoir - R & M	76600	25,000	\$ 67,596	\$ 35,000	\$ 25,726	\$ 35,000	Misc Supplies, Equipment R&M
Poppy Hills Storage Tank (2.5 million gallon)	76700	2,000	\$ 218	\$ 2,000	\$ 340	\$ 2,000	
Rescue & Safety Supplies & Equipment	76800	-	\$ 459	\$ -	\$ -	\$ -	Sulfuric Acid / Hypochlorite Tablets. Actual costs will be based on water usage. Chemicals needed based on demand, wet weather decreases demand which reduces the chemical purchases.
Forest Lake Chemicals	76900	40,000	\$ 27,453	\$ 40,000	\$ 22,276	\$ 35,000	
SCADA system equipment	77000	-	\$ 40	\$ -	\$ -	\$ -	Supplies & Equipment (\$15K) / Gopher Contrl (\$5K) / Vegetation Management (\$15K)
Forest Lake Reservoir - Materials & Supplier	77100	23,000	\$ 3,173	\$ 35,000	\$ 18,840	\$ 35,000	
Forest Lake reservoir equipment	77200	-	\$ 128	\$ -	\$ -	\$ -	
Forest Lake reservoir ops service	77300	-	\$ 18,736	\$ -	\$ -	\$ -	
SUBTOTAL		238,000	\$ 180,306	\$ 266,000	\$ 147,209	\$ 216,500	
Professional Fees - PBCSD: Remote Flow Monitoring	77900	-	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	
Total Distribution System O.&M. Expenses		\$ 500,000	\$ 408,770	\$ 520,000	\$ 385,724	\$ 477,000	
TOTAL PBCSD EXPENSES.....		\$ 580,000	\$ 477,614	\$ 600,000	\$ 465,937	\$ 565,000	5.83% decrease from 23-24 budget

**CAWD/PBCSD Reclamation Project
Operations and Maintenance Budget
Fiscal Year 2024-25**

ITEM	Acct No.	Budget 2022-23	Actual 2022-23	Budget 2023-24	Estimated Actual 2023-24	Proposed Budget 2024-25	Comments/Notes
							21.26% increase from 23-24 Projected actual
CAWD ADMIN & GENERAL EXPENSES							
ADMINISTRATIVE SALARIES							
	No.						
General Manager	81000	1,194	\$ 1,311	\$ 1,078	\$ 1,021	\$ 1,200	
Project Accountant	81200	13,207	\$ 11,545	\$ 13,283	\$ 12,084	\$ 13,300	
Engineering Associate	81100	0	\$ -	\$ -	\$ -	\$ 6,345	
Admin. Services Coordinator/Scanner	81400	13,918	\$ 22,791	\$ 12,523	\$ 24,669	\$ 23,570	
Payroll Taxes, Benefits & Overhead	82100	14,160	\$ 17,824	\$ 13,442	\$ 18,887	\$ 22,208	
SUBTOTAL		42,479	\$ 53,471	\$ 40,326	\$ 56,661	\$ 66,623	COLA 6.0%
Administrative & General Expenses:							
Office Supplies & Postage	84000	250	\$ -	\$ 250	\$ 365	\$ 300	
Audit & Consulting Fees	84100	16,850	\$ 16,850	\$ 17,355	\$ 17,876	\$ 18,412	
Employee training	84200	0	\$ -	\$ -	\$ -	\$ -	
Directors Fees	85000	1,050	\$ 850	\$ 1,000	\$ 900	\$ 900	
Legal Notices	89400	0	\$ -	\$ -	\$ -	\$ -	
Legal Fees	89400	750	\$ 1,197	\$ 750	\$ 600	\$ 600	
Insurance Expense	89500	50,419	\$ 53,096	\$ 54,000	\$ 100,022	\$ 100,000	CSRMA recommends 10-15% increase in insurance
Consulting	89600	0	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL		69,319	\$ 71,993	\$ 73,355	\$ 119,764	\$ 120,212	
TOTAL CAWD EXPENSES		111,798	\$ 125,464	\$ 113,681	\$ 176,424	\$ 186,835	64.35% increase from 23-24 budget 5.90% increase from 23-24 Projected actual
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT							
ADMINISTRATIVE EXPENSES:							
Administrative Salaries, Benefits & Overhead							
General Manager	91000	6,300	\$ 9,900	\$ 6,500	\$ 6,500	\$ 6,950	based on 10 hours
Administrative Services Manager	91200	8,300	\$ 10,922	\$ 8,600	\$ 8,600	\$ 9,200	based on 35 hours
Accountant	91300	4,200	\$ 4,944	\$ 4,400	\$ 4,400	\$ 4,700	based on 65 hours
Accounting/Office Specialist	91400	0	\$ 1,386	\$ -	\$ -	\$ -	
IT Manager	91500	7,200	\$ 7,500	\$ 7,500	\$ 7,500	\$ 8,000	based on 40 hours
Payroll Taxes, Benefits & Overhead	92100						
SUBTOTAL		26,000	\$ 34,652	\$ 27,000	\$ 27,000	\$ 28,850	
Administrative & General Expenses							
CAL-Am Water Meter Service Charge	94300	30,720	\$ 28,502	\$ 41,760	\$ 41,760	\$ 42,000	8" meter (assumes 20% increase based on actual billings)
Legal Fees	99400	500	\$ 83	\$ 500	\$ 500	\$ 4,000	
Office Expense	99410	4,300	\$ 2,162	\$ 4,500	\$ 4,500	\$ 4,725	Software annual maintenance fee (financial & billing combined)
		\$ 35,520	\$ 30,746	\$ 46,760	\$ 46,760	\$ 50,725	
TOTAL MPWMD EXPENSES		\$ 61,520	\$ 63,237	\$ 73,760	\$ 73,760	\$ 79,575	7.88% increase from 23-24 budget 7.88% increase from 23-24 Projected actual
PBCo / IRWUG Representative							
	79920	37,284	\$ 37,912	\$ 39,314	\$ 39,105	\$ 40,887	4% increase
Payroll Taxes, Benefits & Overhead	79990	18,642	\$ 17,136	\$ 17,770	\$ 17,675	\$ 18,481	
R&D Water Sources	99965	0	\$ -	\$ -	\$ -	\$ -	
SUB TOTAL		\$ 3,344,439	\$ 2,894,951	\$ 3,232,830	\$ 56,780	\$ 3,367,439	
POTABLE WATER COSTS	99601	6,750	\$ 64,209	\$ 6,750	\$ 3,427	\$ 6,750	
TOTAL OPERATING EXPENSES		\$ 3,351,189	\$ 2,959,160	\$ 3,239,580	\$ 2,786,862	\$ 3,374,189	4.2% increase from 23-24 budget 21.1% increase from 23-24 Projected actual

CAWD/PBCSD Reclamation Budget
CAWD O M - 2024/25

GL	Item Description	Units	Unit Cost	Quantity	Total
64150	currently not used		\$ -	0	\$ -
64200	OptiClean A, OptiClean B, OptiClean S	pound	\$ 7.70	4000	\$ 30,800
64400	for the RO system	pound	\$ 3.50	10492	\$ 36,722
64410	chemicals used for calibration	gallon	\$ 175.00	3	\$ 525
64420	chemicals used for calibration	gallon	\$ 125.00	2	\$ 250
64430	chemicals used for calibration	gallon	\$ 59.95	6	\$ 360
65160	mini-bulk costs: \$10.95/gal	gallon	\$ 11.50	3947	\$ 45,391
65170	mini-bulk costs: \$3.89/gal	gallon	\$ 4.10	8500	\$ 34,850
65180	4 gal/case	case	\$ 95.65	12	\$ 1,148
65200	de-chlorinate RO Reject for ocean discharge	gallon	\$ 1.81	37000	\$ 66,970
65250	used for disinfection for permit compliance and MF CIP's	gallon	\$ 2.42	34000	\$ 82,280
65400	costs include delivery/surcharges	pound	\$ 2.94	9160	\$ 26,930
65500	currently not used		\$ -	0	\$ -
65600	Lavazol 7 are new RO CIP cleaning chemicals based on the recent RO membrane autopsies-cleaning cost are an estimate due to running RO C at 90% recovery-may require more cleanings	misc.	\$ 29,500.00	1	\$ 29,500
65700	CIP neutralization	pound	\$ 0.69	48400	\$ 33,396
65725	chemicals used for analyzers	box	\$ 138.22	6	\$ 829
65750	chemicals used for analyzers	bucket	\$ 2,200.00	1	\$ 2,200
65800	price per pound- 10 % increase by vendor	pound	\$ 0.55	141879	\$ 78,033
65900	not used anymore		\$ -		\$ -
65910	suspended solids/phosphorous removal	pound	\$ 0.99	110000	\$ 108,900
65920	7.5 % increase by vendor- 2 cleanings a year	pound	\$ 10.50	900	\$ 9,450
66100					
	MF Electric air relief valves		\$ 1,000	3	\$ 3,000
	Pipe repairs		\$ 5,000	1	\$ 5,000
	RO high pressure isolation valves		\$ 1,000	4	\$ 4,000
	Electrical repairs- Includes time to replace large VFDs		\$ 40,000	1	\$ 40,000
	ABZ RO Electric Actuated Valves		\$ 3,000	8	\$ 24,000
	HDPE repair parts		\$ 2,000	1	\$ 2,000
	Distiller maintenance		\$ -	0	\$ -
	electric pallet jack service		\$ 500	2	\$ 1,000
	General repairs		\$ 20,000	1	\$ 20,000
	Lab microscope maintenance 50/50		\$ 310	1	\$ 310
	Forklift service		\$ 1,500	0.5	\$ 750
	Check valve repairs		\$ 35,000	1	\$ 35,000
	subtotal				\$ 135,060
66190					
	Recondition Reclaim pump 933		\$ 25,000	1	\$ 25,000
	Hypo/SBS Tuthill annual PM kits -		\$ 2,500	1	\$ 2,500
	Replace Tuthill with Encore		\$ 7,500	4	\$ 30,000
	Gould pump PM parts		\$ 10,000	1	\$ 10,000
	Sample pumps		\$ 550	3	\$ 1,650
	Utility pumps		\$ 1,000	1	\$ 1,000
	subtotal				\$ 70,150
66200	Cintas		\$ 1,500	1	\$ 1,500
			\$ 400	1	\$ 400
66400	VFD Wiring and VFD parts		\$ 3,000	5	\$ 15,000
66500					
	UV lamp calibration \$250 (50/50)		\$ 250	0.5	\$ 125
	lab general supplies*		\$ 43,830	1	\$ 43,830
	IDEXX		\$ 16,500	1	\$ 16,500
	IC- replacing which will reduce buffer cost and consumables first year		\$ 1	0	\$ -
	Hach		\$ 1,600	1	\$ 1,600
	Culligan (softener) 50/50		\$ 420	0.5	\$ 210
	Fisher Scientific - included in lab general supplies				\$ -

CAWD/PBCSD Reclamation Budget
CAWD O M - 2024/25

	Peninsula Welding (IC gas) - not needed in 24/25				\$ -
	DI water consumables - included in lab general supplies				\$ -
		subtotal			\$ 62,265
66600	Paint and supplies		\$ 500	1	\$ 500
67000			\$ 1,000	1	\$ 1,000
67100	Band aids and first aid kits		\$ 200	1	\$ 200
67100	brooms, dust pans, towels, cleaners		\$ 1,500	1	\$ 1,500
67300				0	\$ -
67400	gloves		\$ 1,000	1	\$ 1,000
			\$ -	0	\$ -
			\$ -	0	\$ -
		subtotal			\$ 1,000
67600	Wrenches, screwdrivers, cordless batteries		\$ 1,000	1	\$ 1,000
67700					
	Circular Charts		\$ 64	10	\$ 640
	Wall keyboards, clip boards, hoses, nozzles,		\$ 1,800	1	\$ 1,800
	Miscellaneous Supplies		\$ 500	1	\$ 500
subtotal		subtotal			\$ 2,940
67800	Safety equipment		\$ 1	1500	\$ 1,500
	Safety training for chemicals		\$ 1	1500	\$ 1,500
		subtotal			\$ 3,000
67900	membrane conference		\$ 3,500	1	\$ 3,500
67510	2 cells in storage		\$ -	0	\$ -
66700	RO prefilter and CIP - increased change outs due to more RO CIPs because of increased RO system recovery		\$ 16,800	1	\$ 16,800
67500	replacement for 3rd and 4th stages (33 in storage - need 63 for stages 3 & 4)		\$ 590	30	\$ 17,700
66750					
	level switches, pressure switches	part	\$ 2,500	1	\$ 2,500
	Hach controller	part	\$ 4,200	1	\$ 4,200
	Turbidity supplies	consumable	\$ 1,800	1	\$ 1,800
	Analyzer parts	consumable	\$ 2,500	1	\$ 2,500
	MF/RO supplies	consumable	\$ 1,400	1	\$ 1,400
			\$ -	0	\$ -
			\$ -	0	\$ -
		subtotal			\$ 12,400
68100			\$ 750	1	\$ 750
68200					
	RO flow meters train A		\$ 22,000	1	\$ 22,000
	Eaton UPS Annual Maintenance Contract 50/50		\$ 1,000	1	\$ 1,000
	Instrument replacements		\$ 10,000	1	\$ 10,000
	Blend Line 10" Flowmeter		\$ 9,500	1	\$ 9,500
		subtotal			\$ 42,500
68300	Annual service		\$ 500	1	\$ 500
68400	Lab scale/balance/microscope calibration 50/50		\$ 1,500	0.5	\$ 750
	Myron L- 3 units annual calibration		\$ 650	3	\$ 1,950
	Tesco all flow meter calibrations		\$ 12,000	1	\$ 12,000
	Instrument calibrations		\$ 2,000	1	\$ 2,000
	Hach calibrations- MF turbidity meters including benchtop)		\$ 5,800	1	\$ 5,800
					\$ 22,500

CAWD/PBCSD Reclamation Budget
CAWD O M - 2024/25

68500	RO quarterly		\$ 6,500	1	\$ 6,500
			\$ -	0	\$ -
68600	not used		\$ -	0	\$ -
68700			\$ -	0	\$ -
68710					
	Johnson-E-NPDES 50/50		\$ 2,000	0.5	\$ 1,000
	ATL-LIMS annual 50/50		\$ 5,600	0.5	\$ 2,800
	Parser (custom) 50/50		\$ 1,000	0.5	\$ 500
	H2O Portal		\$ 6,000	1	\$ 6,000
	Ignition Annual 33%		\$ 2,200	1	\$ 2,200
	Exceedio		\$ 2,000	1	\$ 2,000
	CMMS support 33%		\$ 9,000	1	\$ 9,000
	PLC programming		\$ 20,000	1	\$ 20,000
					\$ 43,500
68720					
	Gallery service contract PM 50/50		\$ 6,000	0.5	\$ 3,000
	IC System PM 90/10		\$ 5,000	0.9	\$ 4,500
	TOC service contract PM 50/50		\$ 4,955	0.5	\$ 2,478
					\$ 9,978
68730	Annual PM		\$ 200	3	\$ 600
68900	Alarm Notification	quarterly	\$ 75	4	\$ 300
68910	Not Used		\$ -	0	\$ -
69400	Not used		\$ -	0	\$ -
69110					
	SWRCB		\$ 7,000	1	\$ 7,000
	TNI Accreditation 50/50		\$ 6,500	0.5	\$ 3,250
	ELAP 50/50		\$ 5,525	0.5	\$ 2,763
					\$ 13,013
69200					
	Trussell		\$ 35,000	1	\$ 35,000
	Beecher		\$ 15,000	1	\$ 15,000
					\$ -
					\$ 50,000

CAWD/PBCSD Reclamation Project
Monthly Budget Projections
 2024-25

3338389

5 yr avg

	ACCT No.	Jul-24 14.65%	Aug-24 14.45%	Sep-24 11.97%	Oct-24 9.91%	Nov-24 4.13%	Dec-24 0.72%	Jan-25 1.03%	Feb-25 2.68%	Mar-25 2.99%	Apr-25 8.77%	May-25 13.31%	Jun-25 15.38%	ANNUAL BUDGET 2024-25
Water Sales	52000	759,889	749,186	620,754	513,728	214,053	37,459	53,513	139,135	155,189	454,863	690,322	797,348	5,185,439
Less MPWMD Fees	2225	(10,258)	(10,114)	(8,380)	(6,935)	(2,890)	(506)	(722)	(1,878)	(2,095)	(6,140)	(9,319)	(10,764)	(70,000)
		749,631	739,073	612,374	506,793	211,164	36,954	52,791	137,256	153,094	448,723	681,003	786,584	5,115,439
Plant Superintendent	61100	1,864	2,796	1,864	1,864	1,864	1,864	2,796	1,864	1,864	1,864	1,864	1,864	24,230
Laboratory Supervisor	61200	3,537	5,305	3,537	3,537	3,537	3,537	5,305	3,537	3,537	3,537	3,537	3,537	45,975
Laboratory Technicians	61300	2,733	4,100	2,733	2,733	2,733	2,733	4,100	2,733	2,733	2,733	2,733	2,733	35,535
Plant Operators	61400	15,744	23,616	15,744	15,744	15,744	15,744	23,616	15,744	15,744	15,744	15,744	15,744	204,670
Maint Supervisor	61450	1,028	1,542	1,028	1,028	1,028	1,028	1,542	1,028	1,028	1,028	1,028	1,028	13,365
Plant Mechanics	61500	2,000	2,999	2,000	2,000	2,000	2,000	2,999	2,000	2,000	2,000	2,000	2,000	25,995
Safety Officer		488	732	488	488	488	488	732	488	488	488	488	488	6,345
Plant Engineer		892	1,337	892	892	892	892	1,337	892	892	892	892	892	11,590
Differential	62000	1,436	2,154	1,436	1,436	1,436	1,436	2,154	1,436	1,436	1,436	1,436	1,436	18,670
Payroll Taxes & Benefits & OH	62100	14,861	22,291	14,861	14,861	14,861	14,861	22,291	14,861	14,861	14,861	14,861	14,861	193,188
		44,582	66,873	44,582	44,582	44,582	44,582	66,873	44,582	44,582	44,582	44,582	44,582	579,563
Tertiary Treatment	63300	40,827	40,252	33,351	27,601	11,501	2,013	2,875	7,475	8,338	24,439	37,089	42,839	278,600
MF/RO Electrical	63400	43,325	42,715	35,393	29,290	12,204	2,136	3,051	7,933	8,848	25,934	39,359	45,461	295,650
Secondary Costs - EQ Basin PD Blo	63500	23,242	22,914	18,986	15,713	6,547	1,146	1,637	4,256	4,747	13,912	21,114	24,387	158,600
		107,394	105,881	87,730	72,604	30,252	5,294	7,563	19,664	21,933	64,285	97,562	112,688	732,850
Low Mag Ferric	64150	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean-in-place chemicals	64200	4,514	4,450	3,687	3,051	1,271	222	318	826	922	2,702	4,100	4,736	30,800
Sodium hydroxide	64300	0	0	0	0	0	0	0	0	0	0	0	0	0
Antiscalant	64400	5,381	5,306	4,396	3,638	1,516	265	379	985	1,099	3,221	4,889	5,647	36,722
Phenylarsine oxide	64410	77	76	63	52	22	4	5	14	16	46	70	81	525
Acetate buffer solution	64420	37	36	30	25	10	2	3	7	7	22	33	38	250
Iodine solution	64430	53	52	43	36	15	3	4	10	11	32	48	55	360
Chlorine	65100	53	52	43	36	15	3	4	10	11	32	48	55	360
Citric Acid	65160	6,652	6,558	5,434	4,497	1,874	328	468	1,218	1,358	3,982	6,043	6,980	45,391
Sulfuric Acid	65170	5,107	5,035	4,172	3,453	1,439	252	360	935	1,043	3,057	4,639	5,359	34,850
Acetic Acid	65180	168	166	137	114	47	8	12	31	34	101	153	176	1,148
Sodium Bisulfite	65200	9,814	9,676	8,017	6,635	2,764	484	691	1,797	2,004	5,875	8,916	10,298	66,970
Sodium Hypochlorite	65250	12,058	11,888	9,850	8,152	3,396	594	849	2,208	2,462	7,218	10,954	12,652	82,280

CAWD/PBCSD Reclamation Project
Monthly Budget Projections
2024-25

3338389

	ACCT No.	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	ANNUAL BUDGET 2024-25
Polymer	65400	3,946	3,891	3,224	2,668	1,112	195	278	723	806	2,362	3,585	4,141	26,930
Gypsum	65500	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous chemicals	65600	4,323	4,262	3,531	2,923	1,218	213	304	792	883	2,588	3,927	4,536	29,500
Potassium Hydroxide	65700	4,894	4,825	3,998	3,309	1,379	241	345	896	999	2,929	4,446	5,135	33,396
Potassium iodate solution	65725	122	120	99	82	34	6	9	22	25	73	110	128	829
Potassium iodide	65750	322	318	263	218	91	16	23	59	66	193	293	338	2,200
Ammonia Hydroxide	65800	11,435	11,274	9,341	7,731	3,221	564	805	2,094	2,335	6,845	10,388	11,999	78,033
Phosphoric Acid	65900	0	0	0	0	0	0	0	0	0	0	0	0	0
PHOS-58	65910	15,959	15,734	13,037	10,789	4,495	787	1,124	2,922	3,259	9,553	14,498	16,745	108,900
Enzymes	65920	1,385	1,365	1,131	936	390	68	98	254	283	829	1,258	1,453	9,450
		86,298	85,083	70,497	58,342	24,309	4,254	6,077	15,801	17,624	51,657	78,398	90,552	588,894
Repairs & Maintenance	66100	19,792	19,513	16,168	13,381	5,575	976	1,394	3,624	4,042	11,847	17,980	20,768	135,060
Plant Pumps	66190	10,280	10,135	8,398	6,950	2,896	507	724	1,882	2,099	6,154	9,339	10,787	70,150
Laundry	66200	220	217	180	149	62	11	15	40	45	132	200	231	1,500
Lubricants\Packing	66300	59	58	48	40	17	3	4	11	12	35	53	62	400
Electrical Supplies	66400	2,198	2,167	1,796	1,486	619	108	155	402	449	1,316	1,997	2,307	15,000
Laboratory Supplies	66500	9,124	8,996	7,454	6,169	2,570	450	643	1,671	1,863	5,462	8,289	9,574	62,265
Paint	66600	73	72	60	50	21	4	5	13	15	44	67	77	500
Postage	67000	147	144	120	99	41	7	10	27	30	88	133	154	1,000
First Aid Supplies	67100	29	29	24	20	8	1	2	5	6	18	27	31	200
Janitorial Supplies	67100	220	217	180	149	62	11	15	40	45	132	200	231	1,500
Tertiary Pump Alarm	67300	0	0	0	0	0	0	0	0	0	0	0	0	0
Personnel Supplies	67400	147	144	120	99	41	7	10	27	30	88	133	154	1,000
Hand Tools	67600	147	144	120	99	41	7	10	27	30	88	133	154	1,000
Operating Supplies	67700	431	425	352	291	121	21	30	79	88	258	391	452	2,940
Safety	67800	440	433	359	297	124	22	31	80	90	263	399	461	3,000
Training	67900	513	506	419	347	144	25	36	94	105	307	466	538	3,500
		43,819	43,201	35,795	29,624	12,343	2,160	3,086	8,023	8,949	26,229	39,807	45,979	299,015
Microfilter Membrane Modules	67510	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual Cartridge Filter Replacement	66700	2,462	2,427	2,011	1,664	693	121	173	451	503	1,474	2,237	2,583	16,800
RO Membrane Elements	67500	4,982	4,912	4,070	3,368	1,404	246	351	912	1,018	2,982	4,526	5,228	34,000
Spare Parts & Outfitting	66750	1,817	1,792	1,484	1,228	512	90	128	333	371	1,088	1,651	1,907	12,400
		9,262	9,131	7,566	6,261	2,609	457	652	1,696	1,891	5,544	8,414	9,718	63,200
Chemical Waste Disposal		110	108	90	74	31	5	8	20	22	66	100	115	750
Plant Instrumentation	68200	6,228	6,140	5,088	4,211	1,754	307	439	1,140	1,272	3,728	5,658	6,535	42,500

CAWD/PBCSD Reclamation Project
Monthly Budget Projections
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	ACCT No.	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	ANNUAL BUDGET 2024-25
Fire Extinguisher Service	68300	73	72	60	50	21	4	5	13	15	44	67	77	500
Calibration	68400	3,297	3,251	2,693	2,229	929	163	232	604	673	1,974	2,995	3,460	22,500
Contract Laboratory Analysis	68500	1,392	1,373	1,137	941	392	69	98	255	284	833	1,265	1,461	9,500
Gypsum Injection System Maintenance	68600	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract Painting	68700	0	0	0	0	0	0	0	0	0	0	0	0	0
System software/IT consulting	68710	0	0	0	0	0	0	0	0	0	0	0	0	0
SAR Equipment Maintenance	68720	6,375	6,285	5,207	4,310	1,796	314	449	1,167	1,302	3,816	5,791	6,689	43,500
Hoist Certification	68730	1,462	1,442	1,194	988	412	72	103	268	299	875	1,328	1,534	9,978
Alarm - Tertiary	68900	88	87	72	59	25	4	6	16	18	53	80	92	600
Alarm - Chlorine	68910	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment Rent - Ion Chromatograph	69400	44	43	36	30	12	2	3	8	9	26	40	46	300
Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0
Clearlogx rental		0	0	0	0	0	0	0	0	0	0	0	0	0
		18,959	18,692	15,488	12,818	5,341	935	1,335	3,471	3,872	11,349	17,224	19,894	130,128
Fees & Permits (MBUAPCD)	69100	1,907	1,880	1,558	1,289	537	94	134	349	389	1,141	1,732	2,001	13,013
Engineering Fees														
Consulting	69200	7,327	7,224	5,986	4,954	2,064	361	516	1,342	1,496	4,386	6,656	7,688	50,000
Membrane Cleaning Pilot	69250	2,931	2,890	2,394	1,981	826	144	206	537	599	1,754	2,663	3,075	20,000
Disposal expense	69350	0	0	0	0	0	0	0	0	0	0	0	0	0
		10,258	10,114	8,380	6,935	2,890	506	722	1,878	2,095	6,140	9,319	10,764	70,000
		322,478	340,855	271,596	232,455	122,862	58,281	86,443	95,464	101,335	210,928	297,037	336,177	2,476,661
General Manager	71000	0	0	0	0	0	0	0	0	0	0	0	0	0
Principal/Assistant Engineer	71100	0	0	0	0	0	0	0	0	0	0	0	0	0
Deputy General Manager/CFO	71200	293	289	239	198	83	14	21	54	60	175	266	308	2,000
Senior Accountant	71300	733	722	599	495	206	36	52	134	150	439	666	769	5,000
Administrative Assistant	71400	147	144	120	99	41	7	10	27	30	88	133	154	1,000
Finance & Info Sys Coordinator	71500	733	722	599	495	206	36	52	134	150	439	666	769	5,000
Associate Engineers	71600	1,465	1,445	1,197	991	413	72	103	268	299	877	1,331	1,538	10,000
Engineering Intern	71700	73	72	60	50	21	4	5	13	15	44	67	77	500
PR Taxes, Benefits & Overhead	71800	1,685	1,662	1,377	1,139	475	83	119	309	344	1,009	1,531	1,768	11,500
		5,129	5,057	4,190	3,467	1,445	253	361	939	1,047	3,070	4,659	5,382	35,000
Insurance - Property & Liability	72100	1,612	1,589	1,317	1,090	454	79	114	295	329	965	1,464	1,691	11,000
Insurance - Earthquake	72100	5,349	5,273	4,369	3,616	1,507	264	377	979	1,092	3,202	4,859	5,612	36,500
Insurance - FL Dam Failure Liability	72100	733	722	599	495	206	36	52	134	150	439	666	769	5,000

CAWD/PBCSD Reclamation Project
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	ACCT No.	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	ANNUAL BUDGET 2024-25
Directors Fees	72200	73	72	60	50	21	4	5	13	15	44	67	77	500
		7,693	7,585	6,285	5,201	2,167	379	542	1,409	1,571	4,605	6,989	8,073	53,000
Salaries, Benefits & Overhead:														
Field Maintenance Supervisor	73000	1,465	1,445	1,197	991	413	72	103	268	299	877	1,331	1,538	10,000
Maintenance Technicians	73100	9,525	9,391	7,781	6,440	2,683	470	671	1,744	1,945	5,702	8,653	9,995	65,000
PR Taxes, Benefits & O.H.	73200	5,495	5,418	4,489	3,715	1,548	271	387	1,006	1,122	3,289	4,992	5,766	37,500
		16,486	16,254	13,467	11,146	4,644	813	1,161	3,019	3,367	9,868	14,977	17,299	112,500
Potable Water Pump Station - PG&E	74000	147	144	120	99	41	7	10	27	30	88	133	154	1,000
SCADA System: DSL ATM/Telemetry	74200	0	0	0	0	0	0	0	0	0	0	0	0	0
Wireless Alarm Sys Chg. (Mission)	74300	293	289	239	198	83	14	21	54	60	175	266	308	2,000
Forest Lake Treatment Facility (PG&E)	74400	5,862	5,779	4,788	3,963	1,651	289	413	1,073	1,197	3,509	5,325	6,151	40,000
Forest Lake Eyewash Station (CalAqua)	74500	220	217	180	149	62	11	15	40	45	132	200	231	1,500
Poppy Hill Booster Pump Station - PG&E	74600	220	217	180	149	62	11	15	40	45	132	200	231	1,500
Cathodic Protection	74700	293	289	239	198	83	14	21	54	60	175	266	308	2,000
		7,034	6,935	5,746	4,755	1,981	347	495	1,288	1,437	4,211	6,390	7,381	48,000
Reclamation Source Water	77600	733	722	599	495	206	36	52	134	150	439	666	769	5,000
4th Fairway Dry Weather Diversion Facility	77700	879	867	718	594	248	43	62	161	180	526	799	923	6,000
Remote Flow Monitoring	77900	586	578	479	396	165	29	41	107	120	351	533	615	4,000
Water Treatment Cost	77800	12,456	12,281	10,175	8,421	3,509	614	877	2,281	2,544	7,456	11,316	13,070	85,000
		14,654	14,448	11,971	9,907	4,128	722	1,032	2,683	2,993	8,772	13,313	15,377	100,000
Other professional services	75200	220	217	180	149	62	11	15	40	45	132	200	231	1,500
Permits	75300	4,689	4,623	3,831	3,170	1,321	231	330	859	958	2,807	4,260	4,921	32,000
Fuel	75500	586	578	479	396	165	29	41	107	120	351	533	615	4,000
Training & Tuitions	75600	733	722	599	495	206	36	52	134	150	439	666	769	5,000
SCADA System software/IT consulting	75800	733	722	599	495	206	36	52	134	150	439	666	769	5,000
Consulting Services		5,129	5,057	4,190	3,467	1,445	253	361	939	1,047	3,070	4,659	5,382	35,000
Reclamation Line Distribution System	76300	2,198	2,167	1,796	1,486	619	108	155	402	449	1,316	1,997	2,307	15,000
Viscaino Rd/Poppy Hills Pump Station	76400	733	722	599	495	206	36	52	134	150	439	666	769	5,000
Call Out Mileage Expense	76500	293	289	239	198	83	14	21	54	60	175	266	308	2,000
Forest Lake Reservoir - R & M	76600	5,129	5,057	4,190	3,467	1,445	253	361	939	1,047	3,070	4,659	5,382	35,000
Poppy Hills Storage Tank (2.5 million gallons)	76700	293	289	239	198	83	14	21	54	60	175	266	308	2,000
Rescue & Safety Supplies & Equipment	76800	0	0	0	0	0	0	0	0	0	0	0	0	0
Forest Lake Chemicals	76900	5,129	5,057	4,190	3,467	1,445	253	361	939	1,047	3,070	4,659	5,382	35,000
SCADA system equipment	77000	0	0	0	0	0	0	0	0	0	0	0	0	0
Forest Lake Reservoir - Material	77100	5,129	5,057	4,190	3,467	1,445	253	361	939	1,047	3,070	4,659	5,382	35,000
		31,727	31,280	25,917	21,449	8,937	1,564	2,234	5,809	6,479	18,991	28,822	33,291	216,500

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	ACCT No.	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	ANNUAL BUDGET 2024-25
Consulting	76000	0	0	0	0	0	0	0	0	0	0	0	0	0
Remote Flow Monitoring	77900	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		68,069	67,110	55,606	46,019	19,174	3,356	4,794	12,463	13,901	40,746	61,837	71,425	565,000
General Manager	81000	92	138	92	92	92	92	138	92	92	92	92	92	1,200
Project Accountant	81200	1,023	1,535	1,023	1,023	1,023	1,023	1,535	1,023	1,023	1,023	1,023	1,023	13,300
Engineering Assistant	81100	488	732	488	488	488	488	732	488	488	488	488	488	6,345
Secretary/Finance Tech.	81400	1,813	2,720	1,813	1,813	1,813	1,813	2,720	1,813	1,813	1,813	1,813	1,813	23,570
Payroll Taxes & Benefits	82100	1,708	2,562	1,708	1,708	1,708	1,708	2,562	1,708	1,708	1,708	1,708	1,708	22,208
Indirect Overhead	82100	0	0	0	0	0	0	0	0	0	0	0	0	0
		5,125	7,687	5,125	5,125	5,125	5,125	7,687	5,125	5,125	5,125	5,125	5,125	66,623
Office Supplies & Postage	84000	44	43	36	30	12	2	3	8	9	26	40	46	300
Audit & Consulting Fees	84100	0	5,000	10,000	2,355	1,057	0	0	0	0	0	0	0	18,412
Employee Training	84200	0	0	0	0	0	0	0	0	0	0	0	0	0
Directors Fees	85000	132	130	108	89	37	7	9	24	27	79	120	138	900
Legal Notices	89400	0	0	0	0	0	0	0	0	0	0	0	0	0
Legal Fees	89400	88	87	72	59	25	4	6	16	18	53	80	92	600
Insurance Expense	89500	14,654	14,448	11,971	9,907	4,128	722	1,032	2,683	2,993	8,772	13,313	15,377	100,000
		14,918	19,708	22,187	12,440	5,259	735	1,051	2,731	3,047	8,930	13,552	15,653	120,212
		20,043	27,395	27,311	17,565	10,384	5,860	8,738	7,856	8,171	14,055	18,677	20,778	186,835
General Manager	91000	1,018	1,004	832	689	287	50	72	186	208	610	925	1,069	6,950
Admin Services Manager	91200	1,348	1,329	1,101	911	380	66	95	247	275	807	1,225	1,415	9,200
Accountant	91300	689	679	563	466	194	34	49	126	141	412	626	723	4,700
Chief Tech Officer	91500	0	0	0	0	0	0	0	0	0	0	0	0	0
Payroll Taxes & Benefits& O.H.	92100	1,172	1,156	958	793	330	58	83	215	239	702	1,065	1,230	8,000
		4,228	4,168	3,454	2,858	1,191	208	298	774	863	2,531	3,841	4,436	28,850
CAL-Am Water Meter Svc. Chg.	94300	6,155	6,068	5,028	4,161	1,734	303	433	1,127	1,257	3,684	5,591	6,458	42,000
Legal Fees	99400	586	578	479	396	165	29	41	107	120	351	533	615	4,000
Software Maint Fees	99410	692	683	566	468	195	34	49	127	141	414	629	727	4,725

CAWD/PBCSD Reclamation Project
 Monthly Budget Projections
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	ACCT No.	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	ANNUAL BUDGET 2024-25
		10,969	10,814	8,960	7,415	3,090	541	772	2,008	2,240	6,566	9,965	11,509	50,725
PBCo / IRWUG Representative		4,947	4,947	4,947	4,947	4,947	4,947	4,947	4,947	4,947	4,947	4,947	4,947	59,367
Total Expenses		426,506	451,122	368,420	308,402	160,458	72,985	105,694	122,739	130,595	277,241	392,463	444,837	3,338,588
Exp less Revenues		323,125	287,951	243,954	198,391	50,706	(36,031)	(52,903)	14,517	22,498	171,481	288,539	341,748	1,776,850
POTABLE WATER COSTS	99601	989	975	808	669	279	49	70	181	202	592	899	1,038	6,750
		322,136	286,975	243,146	197,722	50,427	(36,080)	(52,973)	14,336	22,296	170,889	287,641	340,710	1,770,100
Interest Income - Reserve Funds	551	1,465	1,445	1,197	991	413	72	103	268	299	877	1,331	1,538	10,000
Interest Income- Union Bank	553	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest Income - Well Fargo/Phase	554	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Entitlements	555	0	0	0	0	0	0	0	0	0	0	0	0	0
Gain/(loss) on Mkt Value of Securitie	560	1,465	1,445	1,197	991	413	72	103	268	299	877	1,331	1,538	10,000
Interest Income-County	550	4	4	4	3	1	0	0	1	1	3	4	5	30
Interest Income - Bank of Amer.	549	4	4	4	3	1	0	0	1	1	3	4	5	30
Other Income	561	0	0	0	0	0	0	0	0	0	0	0	0	0
Bank Charges - BoA	571	(1)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(5)
Bond Carrying Costs	573	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Reserve Funds	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0
Contribution to Capital Repl. Fund	11.1	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal		2,939	2,898	2,401	1,987	828	145	207	538	600	1,759	2,670	3,084	20,055
Interest Income - Construction Fd.	25100	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest Income - Bond Fund	25101	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest Income - W.F.-Construct.	25104	0	0	0	0	0	0	0	0	0	0	0	0	0
Loss on Disposal	26300	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest Expense - COP's	99958	0	0	0	0	0	0	0	0	0	0	0	0	0
Principal Payment - COP's	26450	0	0	0	0	0	0	0	0	0	0	0	0	0
L/C Carrying Costs	573	0	0	0	0	0	0	0	0	0	0	0	0	0
Amortization Expense	576	(260,228)	(256,563)	(212,581)	(175,929)	(73,304)	(12,828)	(18,326)	(47,647)	(53,145)	(155,770)	(236,405)	(273,056)	(1,775,783)

CAWD/PBCSD Reclamation Project
 Monthly Budget Projections
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	ACCT No.	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	ANNUAL BUDGET 2024-25
Interest Pymt to MPWMD		0	0	0	0	0	0	0	0	0	0	0	0	0
Principal Pymt to MPWMD		0	0	0	0	0	0	0	0	0	0	0	0	0
Interest on Principal Advanced		(222)	(219)	(182)	(150)	(63)	(11)	(16)	(41)	(45)	(133)	(202)	(233)	(1,518)
Past LC fees/Bond Carry Cost payable		0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal		(260,451)	(256,782)	(212,763)	(176,079)	(73,366)	(12,839)	(18,342)	(47,688)	(53,191)	(155,904)	(236,607)	(273,290)	(1,777,301)
		(257,512)	(253,885)	(210,362)	(174,092)	(72,539)	(12,694)	(18,135)	(47,150)	(52,590)	(154,144)	(233,937)	(270,206)	(1,757,246)
		324,852	289,654	245,365	199,559	51,192	(35,946)	(52,781)	14,833	22,851	172,515	290,109	343,560	1,788,637

**CAWD/PBCSD Reclamation Project
Non-Operating Expenses
Fiscal Year 2024-25**

ITEM	Acct No.	Budget 2022-23	Actual 2022-23	Budget	Estimated	Proposed	
				2023-24	Actual 2023-24	Budget 2024-25	
NON-OPERATING EXPENSES:							
Project - Bond Carrying Costs	99956	20,000	5	0	0	0	Bond Carrying Costs
							U.S. Bank (Admin fee) \$3,850
							U.S. Bank (Incidental fee) \$ 385
							Arbitrage Calculation - Yield Restriction (3-13 next due 3-23) \$0
							Moody's - annual fee \$5,000
							Standard & Poors - review credit rating \$3,500
							Stifel, Nicolaus & Co - quarterly \$16,000
							Total..... \$28,735
Bank charges	99952	35	62	35	5	5	Stop payments (0 @ \$20) & wire transfer fees (3 @ \$25)
L/C Carrying Costs	99959	24,000	3,000	0	0	0	
COP Interest Expense	99958	13,000	0	0	0	0	
COP Principal Payment	22041	2,600,000	2,600,000	0	0	0	
Interest on Principal Advanced	99957	35,880	90,694	0	1,518	0	
Past LC fees/Bond Carry Cost payable	22041	552,000	552,000	0	0	0	
Interest Payment to MPWMD	99961	0	0	0	0	0	Paid in full 10-31-21
Funding Agreement with MPWMD		0	0	0	0	0	
R & D Water Sources		0	0	0	0	0	
Abandoned Well Costs/R&D Water Costs		0	0	0	0	0	
Contribution to Capital Replacement Fund	11.1	0	0	0	0	0	
Amortization Exp	99962	1,700,000	1,775,783	1,750,000	1,775,783	1,775,790	
TOTAL NON OPERATING EXPENSES		4,944,915	5,021,545	1,750,035	1,777,306	1,775,795	1.47% increase from 23-24 budget 0.85% decrease from 23-24 Projected actual

CAWD/PBCSD Reclamation Project
Capital Budget
Fiscal Year 2024-25

CAWD/PBCSD Reclamation Project				FY 2023/24 thru 2027/28						
#	Owner	PROJECT	% CAWD Allocation	Est. Prior Spent Thru 23/24	24/25	25/26	26/27	27/28	Unscheduled	Total
CAPITAL PROJECTS										
1	CAWD	WWTP Phase 2 - Reclamation Share		\$ 255,166	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,166
2	CAWD	15-Year Treatment Facilities Master Plan		\$ 188,436	\$ 349,250	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 2,537,686
3	PBCSD	Pipeline Cathodic Protection (Carmel)		\$ 250,000						\$ 250,000
4	PBCSD	Viscaino Pumps & Motor Starters (2)		\$ 50,000						\$ 50,000
5	PBCSD	Flow Meters Remote Measuring System (12) Installation		\$ 25,000						\$ 25,000
6	CAWD	Sand Filter Rehab		\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
7	CAWD	Upgrade MF and RO PLC Controlnet to Ethernet		\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 130,000
RECLAMATION SHARE - PROJECTS				\$ 768,602	\$ 629,250	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 3,397,852
CAPITAL PURCHASES										
a	CAWD	Laboratory Ion Chromatograph	10%	\$ 61,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,500
b	CAWD	ATL LIMS System new generation	50%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,790	\$ 38,790
c	CAWD	Laboratory Autoclave	50%	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
d	CAWD	Laboratory Dishwashers (2)	75%	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
e	CAWD	MF/RO VFD Replacements 5 VFDs total	0%	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
f	CAWD	MF Feed Pump Replacement	0%	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000
g	CAWD	HVAC MF/RO MCC	0%	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
h	CAWD	Reclamation Pump Spare Motor	0%	\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ -	\$ 27,000
Allocated Total				\$ 81,500	\$ 167,000	\$ 50,000	\$ 30,000	\$ -	\$ 38,790	\$ 367,290
RECLAMATION SHARE - PURCHASES				\$ 65,350	\$ 167,000	\$ 50,000	\$ 7,500	\$ -	\$ 19,395	\$ 309,245
PBCSD SHARE (1/3 of CAWD Allocation)				\$ 5,383	\$ -	\$ -	\$ 7,500	\$ -	\$ 6,465	\$ 19,348
CAWD SHARE (2/3 of CAWD Allocation)				\$ 10,767	\$ -	\$ -	\$ 15,000	\$ -	\$ 12,930	\$ 38,697

15 Yr Treatment Facilities Master Plan	349,250
Sand Filter Rehab	150,000
Upgrade MF & RO PLC Controlnet to Ethernet	130,000
Forest Lake Strainer	250,000
Viscaino Pump Controls	100,000
<i>total Capital Projects</i>	<u>979,250</u>
 <i>Grand total 2024/25</i>	 <u>1,211,250</u>

MF/RO VFD Replacements	50,000
MF Feed Pump Replacement	50,000
HVAC MF/RO MCC	40,000
Recl Pump Spare Motor	27,000
Viscaino Pumps & Motor Starters	25,000
Storage Tank Emergency Power	25,000
SCADA System Servers & Software	15,000
<i>Total Capital Purchases</i>	<u>232,000</u>

CAWD/PBCSD RECLAMATION PROJECT

ITEM	Actual Spent thru 2/29/2024	Projected thru 6/30/24	FY 2023-24 Original Budget	FY 2023-24 Adjusted Budget	STATUS	\$ to Rebudget	Comments/Notes
CAPITAL FY 2023-24							
Pipeline Cathodic Protection (Carmel)	-	250,000	250,000	250,000	Planned completion by 6/30/24		One will probably not be done by 6-30-24
Viscaino Pumps & Motor Starters (2)	-	25,000	50,000	50,000		25,000	
Flow Meters Remote Measuring System (12) Installation	-	5,000	25,000	25,000	Planned completion by 6/30/24		
TOTAL PBCSD CAPITAL EXPENSES	-	280,000	325,000	325,000			

PROPOSED BUDGET FY 2024-25	Proposed FY 2024-25	DESCRIPTION
Forest Lake Strainer Replacement	250,000	Three strainers that remove algae material prior to distribution will be replaced.
Viscaino Pump Controls	100,000	Replace the control system for the pumps at the Viscaino Pump Station
Viscaino Pumps & Motor Starters (1)	25,000	Replace one potable water pump and motor starter at the Viscaino pump station that supplies potable water to the 2.5 million-gallon storage tank.
Storage Tank Emergency Power Supply	25,000	Storage tank generator to be replaced every fifteen years with new automatic transfer switch.
Scada System Servers & Software	15,000	Cost Share (25%) replacement of SCADA servers every five years, servers facilitates communication amongst reclamation facilities.
TOTAL PBCSD CAPITAL EXPENSES	415,000	

1 **FY 2024-25 Budget**
CAWD/PBCSD Reclamation Project

Project Name: WWTP Phase 2 - Reclamation Share
Agency: CAWD
Total Cost: \$ 255,166
CY Budget \$ -

Contact: Treanor
Area: Effluent Building and Lab
Asset Type: Electrical
Avg Useful Life: 30 years
Est Residual Life: 10 years
% Consumed Life: 66%
Category: Maintenance
Urgency: High
Carry Forward: No

Project Description

CAWD is currently constructing the Elec/Mech Rehab and Sludge Holding Tank Project which includes Reclamation costs for new electrical and wet well mixing equipment for the Effluent Building and new power feeder to the Laboratory. About 2.7% of the total project is attributable to Reclamation based on the bid price and contractor schedule of values.

Year Built: Various
Rehabilitation Date (Extending life of Asset): Various
Rehab Life Extension: 30 Years

Justification

Electrical improvements are required to address aging electrical in the Effluent Building which includes the RO Concentrate Effluent Pump. The project also includes providing a new power feed to the lab so that the lab equipment has automatic standby power from the main switchgear. Additional cost attributable to Reclamation includes the Effluent Pump Station wet well mixing system which is needed to avoid build up of precipitates from RO Concentrate in the wet well which can cause discharge permit exceedances for TSS.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor	\$ 55,555.00							\$ 55,555
Engineering	\$ 12,500.00							\$ 12,500
Parts & Supplies	\$ 55,555.00							\$ 55,555
Chemicals								\$ -
Utility								\$ -
Other	\$ 106,556.00	\$ 25,000.00						\$ 131,556
Total	\$ 230,166	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,166

2 **FY 2024-25 Budget**
CAWD/PBCSD Reclamation Project

Project Name: 15-Year Treatment Facilities Master Plan
Agency CAWD
Total Cost: \$ 2,449,250
CY Budget \$ 349,250

Contact: Treanor
Area Tertiary/MF/RO
Asset Type: NA
Avg Useful Life: NA
Est Residual Life: NA
% Consumed Life: NA
Category: Study
Urgency: Med
Carry Forward: No

Project Description

Development of a 15-year Capital Improvement Plan for the MF/RO and Tertiary Facilities. FY 24-25 expense is for Kennedy/Jenks to develop a Tertiary System Master Plan based on the already completed asset risk management analysis and preliminary budget projections with input on alternatives selections to be provided by CAWD staff during preparation of the Master Plan. FY 24-25 and 25-26 engineering costs are estimates of the detailed design effort that will follow completion of the Master Plan.

Year Built: NA
Rehabilitation Date (Extending life of Asset): NA
Rehab Life Extension: NA

Justification

Long Term Budget Planning

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering		\$100,000	\$ 349,250	\$ 1,000,000	\$ 1,000,000			\$ 2,449,250
Parts & Supplies								\$ -
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ 100,000	\$ 349,250	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 2,449,250

3 **FY 2024-25 Budget**
 CAWD/PBCSD Reclamation Project

Contact: Treanor
 Area Tertiary/MF/RO
 Asset Type: NA
 Avg Useful Life: NA
 Est Residual Life: NA
 % Consumed Life: NA
 Category: Study
 Urgency: Med
 Carry Forward: No

Project Name: Pipeline Cathodic Protection (Carmel)
 Agency PBCSD
 Total Cost: \$ -
 CY Budget \$ -

Project Description

Year Built: NA
 Rehabilitation Date (Extending life of Asset): NA
 Rehab Life Extension: NA

Justification

Long Term Budget Planning

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies								\$ -
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

4 FY 2024-25 Budget
CAWD/PBCSD Reclamation Project

Project Name: Viscaino Pumps & Motor Starters (2)
Agency: PBCSD
Total Cost: \$ -
CY Budget: \$ -

Contact: Treanor
Area: Tertiary/MF/RO
Asset Type: NA
Avg Useful Life: NA
Est Residual Life: NA
% Consumed Life: NA
Category: Study
Urgency: Med
Carry Forward: No

Project Description

Year Built: NA
Rehabilitation Date (Extending life of Asset): NA
Rehab Life Extension: NA

Justification

Long Term Budget Planning

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies								\$ -
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

5 **FY 2024-25 Budget**
CAWD/PBCSD Reclamation Project

Contact: Treanor
Area: Tertiary/MF/RO
Asset Type: NA
Avg Useful Life: NA
Est Residual Life: NA
% Consumed Life: NA
Category: Study
Urgency: Med
Carry Forward: No

Project Name: Flow Meters Remote Measuring System (12) Installation
Agency: PBCSD
Total Cost: \$ -
CY Budget \$ -

Project Description

Year Built: NA
Rehabilitation Date (Extending life of Asset): NA
Rehab Life Extension: NA

Justification

Long Term Budget Planning

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies								\$ -
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

6 FY 2024-25 Budget
CAWD/PBCSD Reclamation Project

Project Name: Sand Filter Rehabilitation
 Agency: CAWD
 Total Cost: \$ 150,000
 CY Budget \$ 150,000

Contact: Waggoner
 Area: Tertiary/MF/RO
 Asset Type: NA
 Avg Useful Life: NA
 Est Residual Life: NA
 % Consumed Life: NA
 Category: Maintenance
 Urgency: Med
 Carry Forward: No

Project Description

Cleaning and inspection of sand filter system. Replace components identified as deficient during inspection. Add additional sand to optimal level.

Year Built: 1998
 Rehabilitation Date (Extending life of Asset): NA
 Rehab Life Extension: NA

Justification

Reliability and process control.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor			\$ 110,000					\$ 110,000
Engineering								\$ -
Parts & Supplies			\$ 40,000					\$ 40,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

7 **FY 2024-25 Budget**
CAWD/PBCSD Reclamation Project

Project Name: Upgrade MF and RO PLC Controlnet to Ethernet
 Agency: CAWD
 Total Cost: \$ 130,000
 CY Budget \$ 130,000

Contact: Waggoner
 Area: Tertiary/MF/RO
 Asset Type: Automation
 Avg Useful Life: 15 years
 Est Residual Life: 0 years
 % Consumed Life: 100%
 Category: Upgrade
 Urgency: High
 Carry Forward: No

Project Description

Replace obsolete Programmable Logic Controller network cards with updated Ethernet cards. Replace obsolete local operator interface with supported hardware. This work includes new network hardware for 3 PLCs, configuration of the software to map all the input/output wiring connections to the new network cards and conversion/migration of operator interface application to new hardware. This hardware was installed in 2008 and is a 16 old antiquated network that controls all of the equipment for the MF/RO system. Support is virtually nonexistent for this system if a failure was to occur.

Year Built: 2008
 Rehabilitation Date (Extending life of Asset): NA
 Rehab Life Extension: NA

Justification

The network cards that control the RO, MF and MF/RO Master PLC are obsolete and no longer supported. If a card fails the system will not operate. The local operator interface is obsolete and no longer supported. The cost estimate includes engineering, programming, parts and labor to install and test.

Budget Impact: Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering			\$ 80,000					\$ 80,000
Parts & Supplies			\$ 50,000					\$ 50,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 130,000

a FY 2024-25 Budget
CAWD/PBCSD Reclamation Project

Project Name: Laboratory Ion Chromatograph (90% Reclamation)
Agency
Total Cost: \$ 61,500
CY Budget \$ -

Contact: Waggoner
Area: Misc. Structures
Asset Type: Support Equipment
Avg Useful Life: 10 years
Est Residual Life: 1 year
% Consumed Life: 97%
Category: Capital Equipment
Urgency: 2 = Very Important
Carry Forward: Yes

Asset Description

The Ion Chromatograph unit is a Laboratory instrument used to analyze various chemical constituents for the process control and reporting for the Reclamation Project.

Year Built: Jul-05
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A

Justification

The Ion Chromatography unit (IC) is coming to the end of its useful life as outlined by the manufacturer service representative. The manufacture of the Ion Chromatography unit will stop supporting parts and services in the next two years. Once that support stops replacement parts and consumables will become difficult to obtain along with service request of the equipment. The Ion Chromatography unit is used to analyze the reclaim water sent to Pebble Beach for golf course irrigation. The samples are tested at different intervals ranging from weekly, monthly and daily if needed. Samples collected and tested on a weekly schedule are the Reclaim Line and MF/RO Blend, for the monthly schedule samples that are collected are PBCSD Storage Tank, Pebble Beach Golf Course, Spanish Bay Golf Course and Forest Lake Reservoir, and depending if Pebble Beach Wells are turned on there are three other samples. The specific analysis that can be performed on the IC are the Anion and Cation ions in the water sample. The Anions are negative charged ions- Fluoride, Chloride, Nitrate, Sulfate and Phosphate. The Cations are positive charged ions- Sodium, Ammonium, Potassium, Magnesium, Calcium. Also the Sodium Absorption Ratio (SAR) and Adjusted SAR are calculated from the various test. Since the feed source of water is coming from the CAWD Secondary Effluent we are also testing the water coming in.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies		\$ 61,500						\$ 61,500
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ 61,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,500

b **FY 2024-25 Budget**
 Carmel Area Wastewater District

Contact: Waggoner
 Area: Misc. Structures
 Asset Type: Office Equip
 Avg Useful Life: 20 years
 Est Residual Life: 15 years
 % Consumed Life: 25%
 Category: Capital Equipment
 Urgency: 5 = Future
 Carry Forward: Yes

Project Name: ATL Laboratory Information Management System (LIMS)
 Dept: Treatment
 Total Cost: \$ 38,790
 CY Budget \$ -
 GL Account:

Asset Description

The Accelerated Technology Laboratory (ATL) Laboratory Information Management System (LIMS) is used for laboratory data management. All the laboratory data (NPDES and process control) is entered into the LIMS and able to generate reports, and queries from all the different projects and analysis tests.

Year Built: 2014
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A

Justification

This is entered into the "Unscheduled" due to uncertainty of when ATL will update the software current version being used. ATL works from the Microsoft programs and when Microsoft makes changes to the operating system some of the ATL features will not work. The ATL representative could not give me any updates on what Microsoft will upgrade. The new version of LIMS are built from different modules that the customer would like to have.

Budget Impact Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies							\$ 36,000	\$ 36,000
Chemicals								\$ -
Utility								\$ -
Other							\$ 2,790	\$ 2,790
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,790	\$ 38,790

c **FY 2024-25 Budget**
Carmel Area Wastewater District

Contact: Waggoner
Area: Lab
Asset Type: Support Equipment
Avg Useful Life: 20 years
Est Residual Life: 1 year
% Consumed Life: 95%
Category: Capital Equipment
Urgency: 3 = Important
Carry Forward: Yes

Project Name: Laboratory Autoclave
Dept: Treatment
Total Cost: \$ 20,000
CY Budget \$ -
GL Account:

Asset Description

The autoclave is used for sterilizing bacteriological media used for microbiological analysis of the final effluent, tertiary effluent and ocean receiving samples if needed. The unit is also used to sterilize used positive tests material to be able to discard to the trash or dispose in the drain.

Year Built: 1993
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A

Asset Condition Rating: Rehab unlikely

Justification

Lab staff has been able to keep autoclave operational by changing gaskets so that the unit can maintain the correct sterilization temperature and pounds per square inch (psi). The unit has corrosion building along the base and may not be repairable.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies		\$ 20,000.00						\$ 20,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000

c **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: MF/RO VFD Replacements 5 VFDs total
Agency: CAWD
Total Cost: \$ 50,000
CY Budget: \$ 50,000
GL Account:

Contact: Waggoner
Area: Lab
Asset Type: Process Equip (Chemical)
Avg Useful Life: 15 years
Est Residual Life: 0 years
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 1= Critical
Carry Forward: No

Asset Description

This is a replacement of the 3 x 125HP VFDs for RO feed pumps and 2 x 75HP MF pumps. The VFDs are stand alone cabinets and this project would replace the obsolete Eaton SVX9000 VFDs chassis and the cabinets would remain. This will extend the life of the VFDs at a much lower cost compared to replacing the whole cabinet.

Year Built: 2008
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: Good

Justification

VFDs have a life expectancy of 10-15 years. These VFDs were installed in 2008 and internal components will fail and lead to downtime while repairs are completed. The existing chassis are obsolete so this would replace them with Yaskawa VFDs that are still supported. This does require wiring modifications to adapt the new VFDs and should be planned rather than waiting to fail since lead time is 4-6 weeks for parts and 1 week to install.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies			\$ 50,000					\$ 50,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

f **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: MF Feed Pump Replacement
Agency: CAWD
Total Cost: \$ 100,000
CY Budget \$ 50,000
GL Account:

Contact: Waggoner
Area: Lab
Asset Type: Process Equip (Chemical)
Avg Useful Life: 20 years
Est Residual Life: 4 years
% Consumed Life: 80%
Category: Capital Equipment
Urgency: 5 = Future
Carry Forward: No

Asset Description

Microfiltration (MF) KSB brand feed pump in the flow equalization basin (FEB). This pump has been in service for 16 years and is due for a rebuild soon. This pump supplies water from the FEB to MF cells and is critical to operated the MF/RO system. The system does have redundancy with 2 other Flygt pumps and this is the last remaining KSB pump.

Year Built: 2008
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: Fair

Justification

The new MF Feed pump purchased was a Flygt due to better relibaility, availability of support and standardization. Rather than rebuild or replace this pump with another KSB pump staff recommends replacing with a Flygt.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies			\$ 50,000	\$ 50,000				\$ 100,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000

g **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: HVAC MF/RO MCC
Agency: CAWD
Total Cost: \$ 40,000
CY Budget \$ 40,000
GL Account:

Contact: Waggoner
Area: Lab
Asset Type: Process Equip (Chemical)
Avg Useful Life: 15 Years
Est Residual Life: 0 Years
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 1- Critical
Carry Forward: No

Asset Description

The HVAC system controls the temperature in the MF/RO electrical room. This is critical to keep the VFDs and equipment from overheating and protect them from condensation. If this system fails it will result in lower than expected life of equipment in the electrical room.

Year Built: 2008
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: Poor

Justification

The system is failing even with annual maintenance. The harsh environment from the coastal climate has caused significant deterioration. Temporary repairs have been made until the unit can be replaced. Staff hired a new vendor to complete repairs and assess the unit. They recommended replacement and staff verified the observations in the recommendation.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies			\$ 40,000					\$ 40,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

d **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: Laboratory Dishwashers (2) (75% CAWD/25% Reclamation)
Agency: Treatment
Total Cost: \$ 30,000
CY Budget: \$ -
GL Account:

Contact: Waggoner
Area: Lab
Asset Type: Process Equip (Chemical)
Avg Useful Life: 10 years
Est Residual Life: 5 years
% Consumed Life: 50%
Category: Capital Equipment
Urgency: 5 = Future
Carry Forward: Yes

Asset Description

The laboratory uses two specialized, industrial dishwasher configured for different bottle washing uses. One dishwasher is used for glassware of BOD bottles, beakers and flasks that go through a washing cycle of hot water, soap wash, rinse -tap and DI water, and acid wash. The second dishwasher is used as a universal wash that larger items can be washed and the sample bottles used for sample collection.

Year Built: 2016
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: Good

Justification

This is listed as "Unscheduled", the dishwashers are currently working well - no time frame when to replace. These Laboratory dishwashers are Specialty Industrial Units designed to accommodate specifically designed laboratory glassware and equipment.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor					\$ 2,000			\$ 2,000
Engineering								\$ -
Parts & Supplies					\$ 26,000			\$ 26,000
Chemicals								\$ -
Utility								\$ -
Other					\$ 2,000			\$ 2,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

h **FY 2024-25 Budget**
Carmel Area Wastewater District

Project Name: ReclaimPump 931 Spare Motor
Agency: CAWD
Total Cost: \$ 27,000
CY Budget: \$ 27,000
GL Account:

Contact: Foley
Area: Tertiary
Asset Type: Process Equip (Water)
Avg Useful Life: 25 Years
Est Residual Life: 0 Years
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 1- Critical
Carry Forward: No

Asset Description

The reclaim pumps 931, 932 and 933 motors are original to the tertiary system and were installed in 1998. Each pump has a 100HP motor that is located outdoors and exposed to coastal environment. All 3 motors are identical model number.

Year Built: 2008
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: Poor

Justification

The motors are critical to the operation of the reclamation project and have a 15 week lead time if one fails. All 3 motors have been reconditioned but they are still critical and if a failure occurs during the irrigation season there will be no redundancy until the motor can be repaired. Repairs can take 4-6 weeks. This request would provide a spare for one of the most critical processes of pumping water from the plant to the Poppy Hills storage tank.

Budget Impact/Other

Cost Center	Prior Yrs.	23-24	24-25	25-26	26-27	27-28	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies			\$ 27,000					\$ 27,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ -	\$ 27,000

CAWD/PBCSD Reclamation Project

RECLAIMED & POTABLE WATER SALES

Total Water sales - excluding meter charges.

Year	Potable AF	Reclaimed AF	Total AF	Total Water Sales	Cost per AF	Annual Change
1994-95 (partial year)	n/a	n/a	675,863	780,869.00	\$1,155	
1995-96	277.00	726.56	1,003.56	1,142,810.00	\$1,139	46.39%
1996-97	372.00	889.00	1,081.00	1,291,410.00	\$1,217	13.00%
1997-98	166.31	628.00	792.31	880,924.43	\$1,213	-25.59%
1998-99	183.83	646.37	830.20	1,004,078.00	\$1,201	4.49%
1999-00	282.92	780.41	1,063.33	1,278,885.77	\$1,209	27.37%
2000-01	317.00	636.00	953.00	1,370,989.00	\$1,448	7.90%
2001-02	344.37	642.49	986.86	1,413,050.00	\$1,432	2.40%
2002-03	272.16	706.55	978.71	1,408,089.00	\$1,437	-0.49%
2003-04	486.60	810.31	1,296.91	2,158,690.00	\$1,684	53.52%
2004-05	240.79	684.36	925.15	1,544,084.00	\$1,670	-28.43%
2005-06	158.16	718.51	874.67	1,490,644.00	\$1,704	-3.52%
2006-07	161.21	883.00	1,044.21	1,891,132.53	\$1,811	26.67%
2007-08	128.92	1,061.01	1,189.93	2,235,383.00	\$1,879	18.20%
2008-09	56.00	980.00	1,036.00	1,916,828.00	\$1,849	-14.29%
2009-10	61.84	866.66	928.50	1,807,929.00	\$1,947	-5.83%
2010-11	0.00	867.00	867.00	1,840,264.00	\$2,123	1.79%
2011-12	0.00	977.00	977.00	2,344,687.00	\$2,400	27.41%
2012-13	0.00	964.00	964.00	4,315,770.67	\$4,477	84.07%
2013-14	0.00	1,039.00	1,039.00	5,420,192.00	\$5,217	25.59%
2014-15	0.00	1,001.30	1,001.30	5,379,027.00	\$5,372	-0.76%
2015-16	24.00	1,006.00	1,030.00	5,619,758.00	\$5,363	2.50%
2016-17	0.00	839.00	839.00	5,651,358.00	\$6,748	2.98%
2017-18	0.00	1,032.00	1,032.00	6,328,302.00	\$6,132	11.78%
2018-19	15.37	894.00	909.37	6,299,411.00	\$6,927	-0.48%
2019-20	0.00	1,066.00	1,066.00	7,183,291.00	\$6,720	13.71%
2020-21	0.00	1,025.00	1,025.00	6,838,737.84	\$6,672	-4.53%
2021-22	0.00	1,077.00	1,077.00	7,220,935.02	\$6,705	5.69%
2022-23	5.00	807.00	812.00	6,829,372.00	\$8,411	-5.42%
2023-24 (est)	0.00	1,000.00	1,000.00	4,859,385.00	\$4,859	-28.85%
2024-25 (budget)	0.00	1,000.00	1,000.00	5,185,438.88	\$5,185	6.71%

Actual 2024-25	Potable AF	Reclaimed AF	Total AF	Total Water Sales	Cost per AF	Cost per AF Est. Act. Variance
Jul-23		142.00	142.00	587,720.00	\$4,139	
Aug-23		141.00	141.00	586,607.00	\$4,160	
Sep-23		113.00	113.00	491,762.00	\$4,352	
Oct-23		89.00	89.00	414,376.00	\$4,656	
Nov-23		37.00	37.00	240,508.00	\$6,500	
Dec-23		11.00	11.00	152,377.00	\$13,852	
Jan-24		4.00	4.00	130,853.00	\$32,719	
Feb-24		2.00	2.00	123,817.00	\$61,909	
Mar-24		10.00	10.00	152,165.00	\$15,217	
Apr-24 est		80.00	80.00	802,000.00	\$7,525	
May-24 est		100.00	100.00	651,200.00	\$6,512	
Jun-24 est		120.00	120.00	726,000.00	\$6,050	
YTD		849.00	849.00	4,859,385.00	\$5,724	

Actual 2022-23	Potable AF	Reclaimed AF	Total AF	Total Water Sales	Cost per AF	Cost per AF Est. Act. Variance
Jul-22	0.00	146.00	146.00	837,083.00	5,733.00	-14.49%
Aug-22	0.00	143.00	143.00	826,901.00	5,783.00	-13.75%
Sep-22	0.00	103.00	103.00	690,321.00	6,702.00	-0.04%
Oct-22	0.00	75.00	75.00	563,252.00	7,910.00	17.98%
Nov-22	0.00	18.00	18.00	398,103.00	22,117.00	228.87%
Dec-22	0.00	1.00	1.00	342,061.00	342,061.00	5001.83%
Jan-23	0.00	2.00	2.00	346,558.00	173,279.00	2484.45%
Feb-23	0.00	4.00	4.00	350,818.00	87,665.00	1207.37%
Mar-23	0.00	1.00	1.00	343,235.00	343,235.00	5019.34%
Apr-23	0.00	82.00	82.00	817,033.00	7,525.00	12.24%
May-23	0.00	109.00	109.00	709,774.00	6,512.00	-2.87%
Jun-23	0.00	128.00	128.00	774,428.00	6,050.00	-8.76%
YTD	0.00	812.00	812.00	6,829,372.00	8,411.00	25.45%

Actual 2021-22	Potable AF	Reclaimed AF	Total AF	Total Water Sales	Cost per AF	Cost per AF Est. Act. Variance
Jul-21	0.00	122.00	122.00	694,873.84	5,696.00	-15.04%
Aug-21	0.00	132.00	132.00	723,497.84	5,481.00	-18.25%
Sep-21	0.00	121.00	121.00	691,107.65	5,712.00	-14.81%
Oct-21	0.00	72.00	72.00	551,595.94	7,681.00	14.26%
Nov-21	0.00	33.00	33.00	440,602.39	13,352.00	98.14%
Dec-21	0.00	9.00	9.00	365,237.13	40,582.00	505.28%
Jan-22	0.00	28.00	28.00	418,126.37	18,082.00	138.86%
Feb-22	0.00	74.00	74.00	556,368.86	7,518.00	12.13%
Mar-22	0.00	74.00	74.00	550,483.00	7,520.00	12.18%
Apr-22	0.00	88.00	88.00	591,612.00	6,879.00	2.60%
May-22	0.00	184.00	184.00	816,538.00	4,679.00	-25.74%
Jun-22	0.00	164.00	164.00	814,921.00	4,989.00	-25.89%
YTD	0.00	1,077.00	1,077.00	7,220,935.02	6,705.00	0.00%

Actual 2020-21	Potable AF	Reclaimed AF	Total AF	Total Water Sales	Cost per AF	Cost per AF Est. Act. Variance
Jul-20	0.00	146.00	146.00	730,113.74	5,001.00	-25.04%
Aug-20	0.00	128.00	128.00	682,039.00	5,328.00	-20.14%
Sep-20	0.00	105.00	105.00	621,987.97	5,924.00	-11.21%
Oct-20	0.00	101.00	101.00	610,503.60	6,045.00	-9.40%
Nov-20	0.00	51.00	51.00	479,193.55	9,386.00	40.83%
Dec-20	0.00	22.00	22.00	402,919.10	18,315.00	174.51%
Jan-21	0.00	13.00	13.00	378,586.19	29,122.00	338.48%
Feb-21	0.00	8.00	8.00	364,055.73	45,507.00	582.07%
Mar-21	0.00	48.00	48.00	486,058.67	10,132.00	51.86%
Apr-21	0.00	117.00	117.00	854,258.85	5,592.00	-16.16%
May-21	0.00	138.00	138.00	702,903.82	5,168.00	-22.54%
Jun-21	0.00	152.00	152.00	746,117.82	4,909.00	-28.42%
YTD	0.00	1,025.00	1,025.00	6,838,737.84	6,672.00	0.00%

Actual 2019-20	Potable AF	Reclaimed AF	Total AF	Total Water Sales	Cost per AF	Cost per AF Est. Act. Variance
Jul-19	0.00	155.00	155.00	776,100.00	5,007.00	-25.49%
Aug-19	0.00	155.00	155.00	776,422.00	5,009.00	-25.46%
Sep-19	0.00	139.00	139.00	729,402.00	5,247.00	-21.92%
Oct-19	0.00	127.00	127.00	697,805.00	5,495.00	-18.23%
Nov-19	0.00	51.00	51.00	481,889.00	9,449.00	40.61%
Dec-19	0.00	2.00	2.00	343,410.00	171,705.00	2455.13%
Jan-20	0.00	3.00	3.00	346,008.00	115,336.00	1616.31%
Feb-20	0.00	46.00	46.00	466,461.00	10,140.00	50.89%
Mar-20	0.00	19.00	19.00	391,008.00	20,578.00	206.24%
Apr-20	0.00	61.00	61.00	576,389.00	9,449.00	40.61%
May-20	0.00	151.00	151.00	782,297.00	5,247.00	-21.92%
Jun-20	0.00	157.00	157.00	786,098.00	5,007.00	-25.49%
YTD	0.00	1,066.00	1,066.00	7,183,291.00	6,720.00	0.00%

Water Price
2024-25

Operating Costs - billed per AF usage

Operating Expenses	3,374,188.68		
MPWMD fee	70,000.00		
Prior Yr O&M rollover	0.00		
	3,444,188.68	/ 1000 AF	\$3,444.19

Non Operating Costs - billed per Agreement %

Addition to Reserves	530,000.00		
Non Operating	0.00		
Capital Budget	1,211,250.00		
Prior Yr Capital Projects (rollover)	0.00		
	1,741,250.00	/ 1000 AF	\$1,741.25

\$5,185.44

Monthly

MPCC-Dunes	12.13%	17,593.88
MPCC-Shore	12.13%	17,593.88
Cypress Point	12.13%	17,593.88
Poppy Hills	12.13%	17,593.88
Pebble Beach	12.13%	17,593.88
Spyglass Hill	12.13%	17,593.88
Spanish Bay	12.13%	17,593.88
PB Range	3.63%	5,260.03
Peter Hay	3.50%	5,078.65
PB Resorts	3.50%	5,078.65
Equestrian Center	3.00%	4,353.13
Stevenson School	1.50%	2,176.56
	100.00%	145,104.17

RESOLUTION NO. 2024-27

A RESOLUTION ADOPTING THE CARMEL AREA WASTEWATER DISTRICT
(CAWD)/PEBBLE BEACH COMMUNITY SERVICE DISTRICT (PBCSD)
FISCAL YEAR 2024-2025 RECLAMATION PROJECT BUDGET

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WHEREAS, the attached CAWD/PBCSD Reclamation Project Fiscal Year 2024-2025 Budget was approved at the Technical Advisory Committee group level and final approval was given by the Reclamation Management Committee (RMC) at its May 7, 2024 meeting; and

WHEREAS, items approved by the RMC are brought to the CAWD or PBCSD Board, as appropriate, for approval and any applicable resolution.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Carmel Area Wastewater District that it does hereby adopt the attached CAWD/PBCSD Reclamation Project Fiscal Year 2024-2025 Budget.

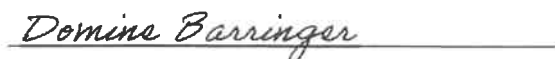
PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Carmel Area Wastewater District duly held on May 30, 2024, by the following vote:

AYES: BOARD MEMBERS: PRESIDENT WHITE, DIRECTORS: COLE,
RACHEL, SIEGFRIED, AND URQUHART
NOES: BOARD MEMBERS:
ABSENT: BOARD MEMBERS:
ABSTAIN: BOARD MEMBERS:



Ken White, President of the Board

ATTEST:



Domine Barringer, Board Clerk