

Carmel Area Wastewater District

Preliminary Budget

July 1, 2025 – June 30, 2026



Carmel Area Wastewater District

Budget Acknowledgements

Budget Committee

Robert Siegfried, Director

Suzanne Cole, Director

Barbara Buikema, General Manager

Patrick Treanor, District Engineer

Management Team

Daryl Lauer, Collection Superintendent

Ed Waggoner, Operations Superintendent

Chris Foley, Maintenance Superintendent

Patrick Treanor, District Engineer

Jeff Bandy, Principal Engineer

Carmel Area Wastewater District

2025-26

Board of Directors

Ken White	Board President
Suzanne Cole	Director (Budget Committee)
Robert Siegfried	Director (Budget Committee)
Kevan Urquhart	Director
Scott Lonergan	Director

Management Staff & Counsel

Barbara Buikema	General Manager
Jeff Bandy	Principal Engineer
Chris Foley	Maintenance Superintendent
James Grover	Principal Accountant
Daryl Lauer	Collection System Superintendent
Patrick Treanor	District Engineer
Ed Waggoner	Operations Superintendent
Alex Lorca	Legal Counsel

Mission Statement

Carmel Area Wastewater District is a special district dedicated to protecting the public Health and the environment by the cost-effective collection and treatment of wastewater and the return of clean water to the environment.



Carmel Area Wastewater District 2025-26

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Budget Summary

Carmel Area Wastewater District
Budget Summary
2025-26

Description	FY 23-24		FY 24-25		FY 25-26	% Chg.
	Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Beginning Fund Balance		48,628,394		54,083,293		-100.00%
Operating Revenues - CAWD	12,494,704	11,529,765	11,979,933	6,385,200	12,202,240	91.10%
Operating Revenues - Recl	702,907	702,907	642,107	397,432	656,400	65.16%
	13,197,611	12,232,672	12,622,040	6,782,632	12,858,640	89.58%
Op Expend. (less deprec.)						
Treatment	5,388,941	4,927,352	6,145,647	2,377,920	5,481,145	130.50%
Lab	0	0	0	0	968,769	
Administration	1,779,459	1,475,669	1,801,448	1,232,822	1,749,657	41.92%
Collection	2,488,418	2,352,331	3,135,781	2,299,604	2,444,419	6.30%
Brine Disposal	5,938	4,216	4,650	0	4,150	
Reclamation Project	702,908	648,414	642,107	345,935	656,400	89.75%
Total Operating Exp	10,365,664	9,407,982	11,729,633	6,256,281	11,304,540	80.69%
Operating Gain/(Loss)	2,831,947	2,824,690	892,406	526,351	1,554,100	195.26%
(exclusive of depreciation)						
Depreciation Expense	2,669,000	2,961,216	2,936,671	2,969,716	2,969,700	0.00%
Operating Gain/(Loss)	162,947	(136,525)	(2,044,265)	(2,443,365)	(1,415,600)	-42.06%
Non Operating Revenues	4,426,602	4,947,203	4,222,233	3,680,101	4,240,637	15.23%
Non Operating Reclamation	114,521	1,272,650	51,300	0	40,000	
Non Operating Expend.	236,881	212,981	212,981	212,481	0	-100.00%
Net Income/(Loss)	4,467,189	5,870,347	2,016,287	1,024,256	2,865,037	179.72%

Carmel Area Wastewater District
Budget Summary
2025-26

Description	FY 23-24		FY 24-25		FY 25-26	% Chg.
	Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Capital Budget						
Equipment Purchases						
Administration	13,500	0	78,000	51,906	120,000	131.19%
Collections	241,000	369,434	590,000	540,489	328,000	-39.31%
Treatment	57,000	169,345	163,000	226,472	940,000	315.06%
Capital Improvement Projects						
Administration	0	0	0	0	0	
Collections	11,630,090	729,239	5,450,000	238,322	10,175,000	4169.43%
Treatment Long Term Capital	3,921,500	2,058,229	1,050,000	359,415	965,000	168.49%
Reclamation Project	114,521	50,416	51,300	7,783	40,000	413.94%
Total Capital Budget	15,977,611	3,376,663	7,382,300	1,424,387	12,568,000	782.34%
Ending Fund Balance		54,083,293		56,652,878		-100.00%

REVENUES

**Carmel Area Wastewater District
Revenues Budget 2025-26**

Description	FY 23-24		FY 24-25		FY 25-26	% Chg. Prior Yr.
	Budget	Actual	Budget	Yr End 6/30/2025	Budget	Actual
OPERATING REVENUES						
Sewer service fees - residents	10,561,010	9,587,935	10,046,239	5,548,000	10,046,240	81.1%
Treatment fees - PBCSD	1,873,694	1,895,000	1,873,694	805,000	2,096,000	160.4%
Permits & inspection fees	60,000	46,830	60,000	32,200	60,000	86.3%
Reclamation Proj O & M reimbursement	702,907	702,907	642,107	397,432	656,400	65.2%
<i>Total Operating</i>	13,197,611	12,232,672	12,622,040	6,782,632	12,858,640	-44.6%
NON OPERATING REVENUES						
Property tax revenue	2,600,000	2,726,532	2,740,617	2,720,000	2,795,429	2.8%
Interest Income	300,000	784,323	950,000	465,796	950,000	104.0%
Brine disposal	83,510	87,308	65,000	103,377	65,000	-37.1%
Highlands Inn assessment revenue	236,881	213,480	212,981	212,981	0	-100.0%
Reimbursement from PBCSD for 1/3 secondary treatment plant improv.	1,148,011	682,000	198,635	0	375,208	
Plant Connection fees	48,200	443,560	45,000	70,385	45,000	-36.1%
Other	10,000	10,000	10,000	107,562	10,000	-90.7%
Reclamation Project reimbursement	114,521	1,272,650	51,300	0	40,000	
<i>Total Non Operating</i>	4,541,123	6,219,853	4,273,533	3,680,101	4,280,637	16.3%
TOTAL REVENUES	17,738,734	18,452,526	16,895,573	10,462,733	17,139,277	63.8%

Non-Operating Expenses

**Carmel Area Wastewater District
Non-Operating Expenses Budget
2025-26**

Description	FY 23-24		FY 24-25		FY 25-26	% Chg. Prior Yr. Actual
	Budget	Actual	Budget	Yr End 6/30/2025	Budget	
NON OPERATING EXPENSES						
Debt Service - Principal*	195,000	195,000	205,000	205,000	0	-100.00%
Debt Service - Interest	15,881	15,881	5,381	5,381	0	-100.00%
Bond Fees	26,000	2,100	2,600	2,100	0	-100.00%
TOTAL	236,881	212,981	212,981	212,481	0	-100.00%

Note:

* Highlands Bond is charged to project participants annually on property tax statements in addition to annual user Highlands Bond maturity October 1, 2024

Consolidated Operating Expenses- Summary

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2025-26**

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
<i>Salaries</i> <i>Total Salaries</i>		3,000,934	3,197,377	3,880,855	2,285,372	4,480,023	96.0%
<i>Payroll Taxes</i> <i>Total Payroll Taxes</i>		265,538	262,831	296,847	185,965	342,684	84.3%
<i>Employee Benefits:</i> <i>Total Employee Benefits</i>		1,216,490	1,531,911	1,206,576	748,905	1,233,405	64.7%
<i>Directors Fees</i> <i>Total Directors Fees</i>		33,000	26,773	32,700	39,529	49,300	24.7%
<i>Trucks & Autos</i> <i>Total Trucks & Autos</i>		284,281	81,276	72,970	70,254	77,620	10.5%
<i>Property/Liability</i> <i>Total Insurance</i>		225,100	258,569	273,483	269,215	294,689	9.5%
<i>Audit/Financial Expense</i>	5490	29,140	38,212	29,140	31,345	31,380	0.1%
<i>Engineering Fees</i> <i>Total Engineering Fees</i>		472,800	245,335	540,000	78,349	315,000	302.0%
<i>Attorney Fees</i> <i>Total Attorney Fees</i>		283,000	122,161	285,250	53,762	302,000	461.7%
<i>Office Supplies & Service</i> <i>Total Office Supplies & Svc.</i>		156,595	117,896	323,995	131,587	167,395	27.2%
<i>Operating Supplies</i> <i>Total Operating Supplies</i>		677,830	584,460	636,179	282,290	724,751	156.7%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2025-26**

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Contractual Services							
<i>Total Contractual Services</i>		992,140	896,921	1,393,025	817,111	1,164,918	42.6%
Repairs & Maintenance							
<i>Total Repairs & Maint</i>		1,282,870	697,424	1,365,370	476,660	581,980	22.1%
Utilities							
<i>Total Utilities</i>		369,278	360,428	373,124	177,220	469,435	164.9%
Telephone							
<i>Total Telephone</i>		41,640	50,487	42,400	30,112	44,390	47.4%
Travel & Training							
<i>Total Travel & Meetings</i>		59,200	56,624	63,950	19,955	78,625	294.0%
Permitting							
<i>Total Permitting</i>		64,700	47,463	59,200	41,728	45,190	8.3%
Membership/Subscriptions							
<i>Total Membership/Subscrip.</i>		78,500	67,382	75,720	77,836	72,795	-6.5%
Safety							
<i>Total Safety Expenses</i>		81,320	52,368	96,030	44,122	70,630	60.1%
Other Expenses							
<i>Total Other Expense</i>		48,400	63,674	40,712	49,028	101,930	107.9%
CAWD Subtotal		9,662,756	8,759,568	11,087,526	5,910,345	10,648,140	26.6%

**Carmel Area Wastewater District
Consolidated Departmental Detail Operating Budget 2025-26**

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Reclamation Project		(702,908)	(648,414)	(642,107)	(345,935)	(656,400)	-1.0%
Final Subtotal		8,959,848	8,111,154	10,445,419	5,564,410	9,991,740	28.8%
Depreciation Expense		2,669,000	2,961,216	2,936,671	2,969,716	2,969,700	-0.8%
Total Operating Expense		11,628,848	11,072,370	13,382,090	8,534,126	12,961,440	20.9%

Consolidated Department Expenses-Detail

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Salaries	5030	2,910,034	3,100,440	3,681,230	2,170,349	4,285,918	97.5%
Salaries - Overtime	5035	51,900	50,547	77,500	61,242	80,000	30.6%
Salaries - Standby	5040	39,000	46,390	82,125	41,782	82,125	96.6%
Internship		0	0	40,000	12,000	31,980	
<i>Total Salaries</i>		3,000,934	3,197,377	3,880,855	2,285,372	4,480,023	96.0%
Payroll Taxes	5045	265,538	262,831	296,847	185,965	342,684	84.3%
<i>Total Payroll Taxes</i>		265,538	262,831	296,847	185,965	342,684	84.3%
<i>Employee Benefits:</i>							
Medical Insurance - Premium	5070	378,000	402,840	431,864	263,917	559,417	112.0%
CalPERS retirement	5080	304,200	813,853	303,336	212,929	375,911	76.5%
SAM retirement	5090	100,000	51,206	0	0	0	
Workers Compensation	5100	176,400	126,145	189,317	158,103	148,912	-5.8%
Life Insurance	5110	2,435	2,696	2,890	2,515	3,295	31.0%
Section 115		100,000	0	100,000	0	0	
PEHP	5120	43,100	41,742	41,839	27,931	52,290	87.2%
Dental Insurance/Claims	5130	34,000	27,898	34,108	28,803	35,600	23.6%
Vision Insurance	5140	8,400	6,979	8,090	4,768	8,460	77.4%
Long Term Disability	5150	20,200	17,716	23,885	12,066	28,775	138.5%
HSA Contributions	5160	39,200	30,271	60,212	20,601	9,065	-56.0%
Employee Assistance Program	5180	980	4,000	990	2,475	3,570	44.2%
Employee Awards	5185	3,175	437	3,275	7,759	1,425	-81.6%
Annual District picnic	5186	4,800	2,369	5,000	5,610	4,985	-11.1%
Employee lunches	5187	500	2,409	620	1,428	1,700	19.1%
Medical Exams	5200	1,100	1,350	1,150	0	0	
<i>Total Employee Benefits</i>		1,216,490	1,531,911	1,206,576	748,905	1,233,405	64.7%
<i>Directors Fees</i>							
Regular Board Meetings	5230	8,800	9,450	8,800	7,759	9,600	23.7%

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
PBCSD - Directors fees	5240	1,400	1,450	1,400	1,034	1,400	35.3%
Special Board Meetings	5250	6,400	5,150	6,400	4,052	7,600	87.6%
Committee meetings	5260	3,700	3,250	3,700	1,983	3,000	51.3%
Special District Assoc.	5265	1,400	0	1,400	2,455	1,200	-51.1%
Training & Strategic Planning	5275	3,100	3,530	3,100	16,526	20,000	21.0%
Director's Dental Claims	5280	8,200	3,942	7,900	5,721	6,500	13.6%
<i>Total Directors Fees</i>		33,000	26,773	32,700	39,529	49,300	24.7%
<i>Trucks & Autos</i>							
Gasoline	5310	15,000	19,396	16,600	10,591	17,080	61.3%
Diesel	5320	23,500	11,059	17,500	12,171	11,600	-4.7%
Outside Repair Service	5345	210,331	27,680	21,600	11,709	24,970	113.2%
Repair Parts	5350	35,450	23,141	17,270	35,783	23,970	-33.0%
<i>Total Trucks & Autos</i>		284,281	81,276	72,970	70,254	77,620	10.5%
<i>Property/Liability</i>							
Insurance	5480	225,100	258,569	273,483	269,215	294,689	9.5%
<i>Total Insurance</i>		225,100	258,569	273,483	269,215	294,689	9.5%
<i>Audit/Financial Expense</i>	5490	29,140	38,212	29,140	31,345	31,380	0.1%
<i>Engineering Fees</i>							
Consulting Fees	5500	472,800	245,335	540,000	78,349	315,000	302.0%
<i>Total Engineering Fees</i>		472,800	245,335	540,000	78,349	315,000	302.0%
<i>Attorney Fees</i>							
District Counsel	5510	283,000	122,161	285,250	53,762	302,000	461.7%
<i>Total Attorney Fees</i>		283,000	122,161	285,250	53,762	302,000	461.7%
<i>Office Supplies & Service</i>							

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Bank fees	5515	100	78	100	64	140	119.5%
Public Outreach & Promotion	5519	58,300	13,321	208,300	12,539	59,000	370.5%
Computers & Equip	5540	45,500	71,010	52,500	66,490	58,300	-12.3%
Furnishings & fixtures	5545	4,850	8,692	5,650	19,234	5,900	-69.3%
Office Supplies & Service	5570	47,845	21,168	47,445	28,901	24,055	-16.8%
Codification	5555	0	3,628	10,000	4,360	20,000	358.7%
<i>Total Office Supplies & Svc.</i>		156,595	117,896	323,995	131,587	167,395	27.2%
<i>Operating Supplies</i>							
Chemicals	5615	14,700	16,987	18,900	19,347	17,800	-8.0%
Phenylarsine oxide	5625	1,100	380	1,041	0	3,070	
Sodium bisulfite	5630	97,800	97,692	97,740	29,308	30,000	2.4%
Sodium hypochlorite	5635	228,700	225,961	228,690	103,007	105,210	2.1%
Ferric chloride	5640	64,190	37,064	64,190	16,929	237,015	1300.1%
Polymer	5650	80,800	56,749	80,791	0	54,946	
Acetic Acid	5660	3,500	1,223	3,407	0	70,074	
Iodine solution	5665	900	72	891	72	1,963	2610.1%
Potassium iodate	5670	1,700	301	1,659	0	923	
Generator Fuel	5675	0	0	0	0	7,500	
Lubricants & Packing	5680	0	0	0	0	0	
Electrical Supplies	5690	0	0	0	0	0	
Laboratory	5700	43,000	35,484	43,000	28,564	40,000	40.0%
Paints & Fluids	5710						
Janitorial	5730	400	535	400	1,298	400	-69.2%
Radios & supplies	5745	3,840	2,010	3,840	3,265	1,700	-47.9%
Welding	5750	0	0	0	0	0	
Tools	5780	39,400	34,693	24,900	10,099	18,500	83.2%
General supplies	5790	66,800	74,767	65,730	70,401	75,650	7.5%
Source control	5795	31,000	542	1,000	0	60,000	
<i>Total Operating Supplies</i>		677,830	584,460	636,179	282,290	724,751	156.7%

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Contractual Services							
Sludge Haul/Disposal	5820	166,500	135,487	166,500	65,869	107,800	63.7%
Network Administration	5830	194,145	250,768	372,745	245,428	217,970	-11.2%
Website Maintenance	5835	11,200	11,464	11,200	15,766	11,200	-29.0%
Laboratory Analysis	5840	39,240	35,749	39,240	22,577	130,000	475.8%
Microturbine/Gas Conditioning Service	5850	80,000	55,505	80,000	36,159	70,000	93.6%
Electrical Service	5855	18,000	16,142	16,000	37,216	18,000	-51.6%
Mechanical Service	5856	15,000	0	15,000	14,833	30,000	102.3%
HVAC Service	5857	8,000	2,715	8,000	0	2,000	
Systems Integrator	5858	55,000	10,399	53,000	7,955	53,500	572.5%
Root foaming	5865	67,000	64,286	65,000	64,220	67,000	4.3%
Pump station monitoring	5870	0	421	0	598	0	-100.0%
Collection system capacity monitoring	5875	14,000	16,169	50,000	133,391	35,000	-73.8%
Equipment service (carts, lifts, forklift, boiler)	5859	0	0	0	0	500	
Alarm Systems	5880	10,600	7,120	10,700	3,978	10,248	157.6%
HR Consulting	5885	75,200	90,836	153,685	47,022	112,160	138.5%
Equipment rental	5890	11,000	3,143	10,000	9,448	19,000	101.1%
Janitorial Service	5900	24,000	35,769	34,100	19,710	34,100	73.0%
Copier Service	5910	6,200	7,657	6,200	7,243	9,500	31.2%
Actuarial Service	5920	10,300	11,087	10,300	10,500	13,600	29.5%
Underground Service Alert	5930	4,000	3,861	4,500	9,116	5,800	-36.4%
Laundry	5940	27,500	25,106	28,000	17,913	29,200	63.0%
Payroll Processing	5950	9,750	8,980	9,750	10,202	9,360	-8.3%
Data processing - County	5970	29,000	22,771	29,000	300	29,000	9566.7%
Landscape Maintenance	5980	16,400	10,585	16,800	4,490	67,800	1410.1%
Waste Disposal	5990	1,000	70	1,000	70	0	-100.0%
Grit & Screening Disposal	6000	26,775	27,623	26,775	9,788	24,750	152.9%
Pest Control	6010	3,500	4,037	5,700	2,028	6,300	210.7%
Instrumentation Services	6020	27,880	2,831	27,880	3,165	17,180	442.9%
Source Control	6025	0	15,600	91,000	9,828	0	-100.0%

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Hoist Certification	6030	1,800	770	1,800	0	1,800	
Hazardous chemical disposal	6040	1,000	0	1,000	0	0	
Outfall Inspection	6045	16,000	7,093	16,000	0	8,000	
Lagoon Inspection	6046	16,000	6,962	16,000	0	8,000	
Ocean Monitoring Program	6050	6,150	0	6,150	0	6,150	
Temp Services		0	5,915	10,000	8,300	10,000	20.5%
<i>Total Contractual Services</i>		992,140	896,921	1,393,025	817,111	1,164,918	42.6%
<i>Repairs & Maintenance</i>							
General Repairs	6095	16,000	18,647	16,000	85,557	8,500	-90.1%
Easements	6100	49,000	87,479	51,000	61,212	73,000	19.3%
Pump station equipment	6120	45,000	80,704	78,000	33,172	69,000	108.0%
Sewer lines	6130	410,000	114,663	410,000	61,393	10,000	-83.7%
Manholes	6140	410,000	90,613	460,000	25,716	0	-100.0%
Microturbine R & M/Flare	6160	11,000	19,938	11,000	7,614	5,000	-34.3%
Standby Generators/Switchgear	6200	14,500	8,598	22,000	20,233	24,500	21.1%
Aeration Blowers	6210	11,000	0	11,000	0	33,000	
Instruments	6220	0	23,834	0	3,335	5,000	49.9%
Lab Equipment	6240	52,240	27,444	52,240	32,629	60,000	83.9%
Influent/Headworks/Primary	6250	9,300	27,332	9,300	1,803	10,800	499.2%
Effluent/Outfall	6265	19,900	7,694	9,900	5,701	12,850	125.4%
Disinfection (Hypo/SBS/CDC)	6270	68,800	30,988	68,800	38,108	25,750	-32.4%
Dewatering	6280	22,800	40,909	22,800	20,374	26,100	28.1%
Digester/DAFT/Heat Loop	6290	5,270	15,133	5,270	4,773	17,530	267.3%
Secondary/RAS/WAS	6300	10,560	29,570	10,560	10,655	25,950	143.5%
Plant Utilities(1PS/3PS/StormPS)	6315	12,500	7,922	12,500	0	0	
Buildings	6320	115,000	65,957	115,000	64,385	175,000	171.8%
<i>Total Repairs & Maint</i>		1,282,870	697,424	1,365,370	476,660	581,980	22.1%
<i>Utilities</i>							
Electricity	6352	275,978	271,891	277,194	142,346	392,070	175.4%

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
Co-Gen Non Energy	6359	7,200	1,556	7,200	1,497	4,200	180.5%
Natural Gas	6360	64,800	65,919	65,155	19,586	50,190	156.3%
Propane	6370	2,800	1,940	2,900	1,204	2,900	140.9%
Water	6380	14,300	16,879	16,035	9,596	15,035	56.7%
Garbage	6385	3,000	1,021	3,440	2,474	3,740	51.1%
Cable television	6390	1,200	1,222	1,200	517	1,300	151.2%
<i>Total Utilities</i>		369,278	360,428	373,124	177,220	469,435	164.9%
Telephone							
Fixed Costs	6392	30,740	35,193	31,615	21,019	31,140	48.1%
Cellular Phones	6393	10,900	15,294	10,785	9,093	13,250	45.7%
<i>Total Telephone</i>		41,640	50,487	42,400	30,112	44,390	47.4%
Travel & Training							
Employee Training	6420	31,300	40,044	35,400	11,032	36,800	233.6%
Conferences	6430	24,900	14,537	25,900	7,142	39,525	453.4%
Business meetings	6440	3,000	2,044	2,650	1,781	2,300	29.1%
<i>Total Travel & Meetings</i>		59,200	56,624	63,950	19,955	78,625	294.0%
Permitting							
Waterboard Permits	6470	36,600	28,508	30,100	27,392	30,800	12.4%
Air Pollution Control Permit	6480	10,800	11,626	11,800	11,086	12,190	10.0%
Environmental Health Permit	6490	2,200	2,316	2,200	0	2,200	
Lab Registration Fees	6510	15,100	5,013	15,100	3,250	0	-100.0%
<i>Total Permitting</i>		64,700	47,463	59,200	41,728	45,190	8.3%
Membership/Subscriptions							
LAFCO Admin Fee	6520	33,000	24,815	32,000	22,482	25,000	11.2%
Employee Certification & Memberships	6550	39,200	37,642	37,920	50,066	40,445	-19.2%
Subscriptions/Publications	6640	6,300	4,925	5,800	5,289	7,350	39.0%

Carmel Area Wastewater District

Consolidated Departmental Detail Operating Budget 2025-26

Description	Acct	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Yr End 6/30/2025	Budget	Prior Yr. Actual
<i>Total Membership/Subscrip.</i>		78,500	67,382	75,720	77,836	72,795	-6.5%
Safety							
Emergency Response Equipment & Service	6735	16,550	10,923	17,800	2,262	13,100	479.2%
PPE & Safety Supplies	6750	16,820	15,047	25,470	20,884	17,570	-15.9%
Safety Training & Policies	6760	47,950	26,398	52,760	20,976	39,960	90.5%
<i>Total Safety Expenses</i>		81,320	52,368	96,030	44,122	70,630	60.1%
Other Expenses							
Rate Payer Claims	8930	4,200	0	0	0	0	
CAWD Newsletter	8940	38,000	30,486	39,312	42,000	43,230	2.9%
Recruitment	8910	5,000	32,298	0	6,204	7,500	20.9%
Legal notices	8920	1,200	890	1,400	824	1,200	45.6%
Contingency	8980	0	0	0	0	50,000	
<i>Total Other Expense</i>		48,400	63,674	40,712	49,028	101,930	107.9%
CAWD Subtotal		9,662,756	8,759,568	11,087,526	5,910,345	10,648,140	26.6%
Reclamation Project		(702,908)	(648,414)	(642,107)	(345,935)	(656,400)	-1.0%
Final Subtotal		8,959,848	8,111,154	10,445,419	5,564,410	9,991,740	28.8%
Depreciation Expense		2,669,000	2,961,216	2,936,671	2,969,716	2,969,700	-0.8%
Total Operating Expense		11,628,848	11,072,370	13,382,090	8,534,126	12,961,440	20.9%



Collections

Collection Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Est Yr End 6/30/2025	Budget	Prior Yr. Actual
Salaries							
Salaries	5030.5	581,700	824,023	800,316	865,431	1,027,080	18.7%
Salaries - Overtime	5035.5	21,000	21,163	25,000	40,567	25,000	-38.4%
Salaries - Standby	5040.5	21,000	24,526	27,375	30,232	27,375	-9.4%
Internship Program		0	0	20,000	0	10,660	
<i>Total Salaries</i>		623,700	869,712	872,691	936,230	1,090,115	16.4%
Payroll Taxes							
Payroll Taxes	5045.5	47,800	64,276	66,761	71,622	83,394	16.4%
<i>Total Payroll Taxes</i>		47,800	64,276	66,761	71,622	83,394	3.9%
Employee Benefits							
Medical Insurance - Premium	5070.5	78,000	79,371	86,761	89,055	144,455	62.2%
CalPERS retirement	5080.5	55,900	163,196	63,731	64,383	86,600	34.5%
SAM retirement	5090.5	0	8,705	0	0	0	
Workers Compensation	5100.5	36,300	26,238	28,862	46,641	33,715	-27.7%
Life Insurance	5110.5	605	622	578	745	700	-6.0%
PEHP	5120.5	7,500	7,628	8,742	8,143	12,050	48.0%
Dental Insurance/Claims	5130.5	6,000	4,878	4,800	5,591	4,400	-21.3%
Vision Insurance	5140.5	1,600	1,433	1,565	1,395	1,970	41.2%
Long Term Disability	5150.5	3,600	3,375	5,075	3,353	7,030	109.6%
HSA Contributions	5160.5	6,800	5,264	14,232	4,586	1,595	-65.2%
Employee Assistance Program	5180.5	500	815	500	20	800	3825.5%
Employee Awards	5185.5	75	75	75	0	500	
Employee lunches	5187.5	500	728	500	1,428	1,700	19.1%
Medical Exams	5200.5	500	82	250	0	0	
<i>Total Employee Benefits</i>		197,880	302,409	215,670	225,341	295,515	31.1%
Trucks & Autos							
Gasoline	5310.5	12,000	14,509	13,500	10,021	13,770	37.4%
Diesel	5320.5	18,900	11,059	12,900	12,171	11,200	-8.0%
Outside Repair Service	5345.5	12,640	25,918	19,300	11,571	23,400	102.2%

Collection Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Est Yr End 6/30/2025	Budget	Prior Yr. Actual
Repair Parts	5350.5	15,000	22,060	17,000	35,398	23,600	-33.3%
<i>Total Trucks & Autos</i>		58,540	73,547	62,700	69,160	71,970	4.1%
<i>Property/Liability/Auto Insurance</i>							
Insurance	5480.5	39,000	46,975	49,376	46,522	52,835	13.6%
<i>Total Insurance</i>		39,000	46,975	49,376	46,522	52,835	13.6%
<i>Engineering Fees</i>							
Consulting Fees	5500.5	224,800	139,919	240,000	66,000	150,000	127.3%
<i>Total Engineering Fees</i>		224,800	139,919	240,000	66,000	150,000	127.3%
<i>Office Supplies & Service</i>							
Computers & IT Equip	5540.5	7,500	12,960	14,500	17,465	13,000	-25.6%
Furnishings & fixtures	5545.5	1,000	917	1,800	13,400	800	-94.0%
Office supplies & Service	5570.5	2,100	1,340	1,700	1,600	2,200	37.5%
<i>Total Office Supplies & Svc.</i>		10,600	15,217	18,000	32,465	16,000	-50.7%
<i>Operating Supplies</i>							
Chemical Supplies	5710.5	11,400	13,927	15,600	19,347	17,800	-8.0%
Janitorial Supplies	5730.5	400	535	400	1,298	400	-69.2%
Tools	5780.5	27,500	28,814	13,000	5,829	13,500	131.6%
General Supplies	5790.5	39,000	34,037	38,000	52,172	41,000	-21.4%
<i>Total Operating Supplies</i>		78,300	77,313	67,000	78,647	72,700	-7.6%
<i>Contractual Services</i>							
Source Control Inspections	5795.5	0	0	31,000	0	60,000	
Network Administration	5830.5	58,500	144,141	70,600	107,469	80,470	-25.1%
Electrical Service	5855.5	18,000	16,142	16,000	37,216	18,000	-51.6%
System Integrator	5858.5	5,000	3,762	3,000	3,000	3,500	16.7%
Root Foaming	5865.5	67,000	64,286	65,000	64,220	67,000	4.3%

Collection Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Est Yr End 6/30/2025	Budget	Prior Yr. Actual
Pump Station Monitoring	5870.5	0	421	0	598	0	-100.0%
Collection System Capacity Monitoring	5875.5	14,000	16,169	50,000	133,391	35,000	-73.8%
Alarm Systems	5880.5	6,000	2,809	6,100	0	6,300	
HR Consulting	5885.5	14,800	14,878	14,000	15,000	19,000	26.7%
Equipment Rental	5890.5	1,000	0	0	5,567	4,000	-28.2%
Janitorial	5900.5	0	200	0	1,000	0	-100.0%
Underground Service Alert	5930.5	4,000	3,861	4,500	9,116	5,800	-36.4%
Laundry	5940.5	5,500	5,259	6,000	6,976	6,100	-12.6%
Landscaping	5980.5	0	0	0	0	1,000	
Waste Disposal	5990.5	1,000	0	1,000	0	0	
Public Outreach	5519	0	0	150,000	0	0	
<i>Total Contractual Services</i>		194,800	271,929	417,200	383,553	306,170	-20.2%
<i>Repairs & Maintenance</i>							
General Repairs	6095.5	0	2,768	0	84,166	0	-100.0%
Easements Repairs/Clearing	6100.5	49,000	87,479	51,000	61,212	73,000	19.3%
Pump Station Equipment	6120.5	45,000	80,704	78,000	33,172	69,000	108.0%
Sewer Lines	6130.5	410,000	114,663	410,000	61,393	10,000	-83.7%
Manholes	6140.5	410,000	90,613	460,000	25,716	0	-100.0%
Standby Generators/Switchgear	6200.5	8,500	7,195	16,000	15,381	19,500	26.8%
<i>Total Repairs & Maintenance</i>		922,500	383,422	1,015,000	281,040	171,500	-39.0%
<i>Utilities</i>							
8th & Scenic	6343.5	1,200	1,318	1,300	1,433	1,500	4.7%
Bay & Scenic	6344.5	3,000	3,734	3,200	4,224	4,300	1.8%
Monte Verde & 16th	6345.5	3,000	4,445	3,200	4,590	4,300	-6.3%
Calle La Cruz	6346.5	4,500	5,643	4,800	6,631	6,400	-3.5%
Hacienda	6347.5	1,378	1,863	1,484	2,390	2,970	24.3%
Highlands	6348.5	8,200	10,961	7,500	14,728	14,900	1.2%
Natural Gas	6360.5	1,000	1,092	1,100	888	1,300	46.4%
Propane	6370.5	1,600	1,540	1,700	897	2,000	123.1%

Collection Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26	% Chg. Prior Yr.
		Budget	Actual	Budget	Est Yr End 6/30/2025	Budget	Actual
Water	6380.5	2,200	2,660	2,400	2,634	3,300	25.3%
Garbage	6385.5	2,200	0	2,200	1,034	2,500	141.7%
<i>Total Utilities</i>		28,278	33,257	28,884	39,448	43,470	10.2%
Telephone							
Fixed Costs	6392.5	12,000	14,792	12,500	10,403	12,000	15.3%
Cellular Phones	6393.5	5,000	7,158	5,000	5,519	5,000	-9.4%
<i>Total Telephone</i>		17,000	21,950	17,500	15,922	17,000	6.8%
Travel & Training							
Employee Training	6420.5	6,000	13,384	10,000	4,207	18,000	327.9%
Conferences	6430.5	7,000	6,957	8,000	3,095	8,000	158.5%
Business meetings	6440.5	600	442	600	81	600	640.4%
<i>Total Travel & Training</i>		13,600	20,783	18,600	7,383	26,600	260.3%
Permitting							
Waterboard Permits	6470.5	4,000	4,145	4,300	4,508	5,000	10.9%
Air Pollution Control Permit	6480.5	4,300	5,325	5,300	5,770	6,500	12.7%
<i>Total Permitting</i>		8,300	9,470	9,600	10,278	11,500	11.9%
Membership/Subscriptions							
Employee Certification & Memberships	6550.5	4,800	2,823	3,520	2,753	4,520	64.2%
Subscriptions/Publications	6640.5	1,500	1,441	1,000	2,167	1,000	-53.9%
<i>Total Membership/Subscrip.</i>		6,300	4,264	4,520	4,921	5,520	12.2%
Safety							
Emergency Response Equipment & Service	6735.5	3,450	3,042	4,750	1,259	4,500	257.5%
PPE & Safety Supplies	6750.5	5,720	3,212	14,370	16,140	6,770	-58.1%
Safety Training & Policies	6760.5	7,850	10,999	12,660	8,072	18,360	127.4%
<i>Total Safety</i>		17,020	17,253	31,780	25,471	29,630	16.3%

Collection Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26	% Chg.
		Budget	Actual	Budget	Est Yr End 6/30/2025	Budget	Prior Yr. Actual
<i>Other Expenses</i>							
Recruitment	8910.5	0	635	0	5,334	0	-100.0%
Legal notices	8920.5	0	0	500	269	500	85.9%
<i>Total Other Expenses</i>		0	635	500	5,603	500	-91.1%
<i>CAWD Subtotal</i>		2,488,418	2,352,331	3,135,781	2,299,604	2,444,419	6.3%
Depreciation Expense	8997.5	335,000	465,610	447,931	465,600	465,600	0.0%
Total Operating Expense		2,823,418	2,817,941	3,583,712	2,765,204	2,910,019	5.2%

Collections Workpaper Notes

Collection Dept Notes
Budget 2025-26

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.5	COLA for Oct 2024 San Francisco-Oakland-Hayward 2.4%;				
Salaries - Overtime	5035.5					
Salaries - Standby	5040.5	Per MOU \$75/day	day			\$0
Internship Program		CUSD assume \$20/hr				
PR Taxes						
Payroll Taxes	5045.5	FICA (6.2%) and Medicare (1.45%)				\$0
Employee Benefits						
Medical Insurance - Premium	5070.5	Assumes continued 50/50 split between District and Employees; 10% premium inc				\$0
CalPERS retirement	5080.5	CalPERS assume 2024 actuarial report				\$0
SAM retirement	5090.5					\$0
Workers Compensation	5100.5	Worker Compensation - experience mod increase .12 to 132		\$30,425.00	1	\$30,425
Life Insurance	5110.5					\$0
PEHP	5120.5	PEHP dependent upon salary 1.25%				\$0
Dental Insurance/Claims	5130.5	Dental Insurance claims based on 5 year average		\$4,400.00	1	\$4,400
Vision Insurance	5140.5					\$0
Long Term Disability	5150.5					\$0
HSA Contributions	5160.5	Depending upon health insurance plan				\$0
Employee Assistance Program	5180.5	Award Trmt & Collections				\$0
Employee Awards	5185.5	Assume \$4,000 distributed across departments				\$0
Employee lunches	5187.5					\$0
Medical Exams	5200.5					\$0
Trucks & Autos						
Gasoline	5310.5	Fuel for collections vehicles	Gallons	\$5.10	2700	\$13,770
Diesel	5320.5	Fuel for collections vehicles	Gallons	\$5.60	2000	\$11,200
Outside Repair Service	5345.5	Annual Service of Vaccon	Service & Parts	\$6,500.00	1	\$6,500
		Annual Service of Freightliner	Service & Parts	\$3,500.00	1	\$3,500
		Annual Service of Pipe Hunter	Service & Parts	\$4,500.00	1	\$4,500
		Annual Service of Freightliner	Service & Parts	\$3,500.00	1	\$3,500
		Smog (3 vehicles)	each	\$100.00	4	\$400
		Outside repairs of all other trucks	Service & Parts	\$5,000.00	1	\$5,000
					Total	\$23,400
Repair Parts	5350.5	Oil & Filters		\$4,200.00	1	\$4,200
		Tires & Batteries		\$5,200.00	1	\$5,200
		Preventive Maintenance Parts		\$10,000.00	1	\$10,000
		Vehicle Accessories		\$4,200.00	1	\$4,200

Collection Dept Notes
Budget 2025-26

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
					Total	\$23,600
Property/Liability/Auto Insurance						
Insurance	5480.5	Property Insurance - inc 10%	Annual	\$16,775.00	1	\$16,775
		General Liability - inc 10%	Annual	\$23,565.30	1	\$23,565
		Vehicle - inc 10%	Annual			\$0
		Cyber Crime Insurance - inc 10%	Annual	\$2,346.30	1	\$2,346
					Total	\$42,687
Engineering Fees						
Consulting Fees	5500.5	Engineering for emergencies repairs and non-capitalized projects.		\$100,000.00	2	\$200,000
		Engineering / consulting for Easement Maintenance study.		\$100,000.00	1	\$100,000
		Item 3				\$0
		Item 4				\$0
					Total	\$300,000
Office Supplies & Service						
Computers & IT Equip	5540.5	Computer for Collections Office	Each	\$2,500.00	3	\$7,500
		Computer for Superintendent Office	Each	\$2,500.00	1	\$2,500
		iPad for service calls	Each	\$1,500.00	1	\$1,500
		Laptop for office	Each	\$1,500.00	1	\$1,500
		Item 5				\$0
		Item 6				\$0
					Total	\$13,000
Furnishings & fixtures	5545.5	Two new office chairs	Each	\$400.00	2	\$800
		Item 2				\$0
		Item 3				\$0
		Item 4				\$0
					Total	\$800
Office supplies & Service	5570.5	Paper and printer ink	Total	\$1,200.00	1	\$1,200
		Postage and shipping	Total	\$500.00	1	\$500
		Misc office supplies	Total	\$500.00	1	\$500
		Item 4				\$0
					Total	\$2,200
Operating Supplies						
Chemical Supplies	5710.5	CN-9 for odor control at Highlands / Calle La Cruz (rec'd odor complaint)	Cost per Pound	\$0.40	44500	\$17,800
Janitorial Supplies	5730.5	Cleaning of Collections Office	Total	\$400.00	1	\$400
Tools	5780.5	Power tools and replacement batteries (cordless tools)	Total	\$2,000.00	1	\$2,000

Collection Dept Notes
Budget 2025-26

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
		Tools for trucks and shop (shovels, MH picks, brooms, ladder)	Total	\$2,000.00	1	\$2,000
		Construction tools (Jackhammer)	Total	\$3,500.00	1	\$3,500
		Drain clearing tool & Equipment (chain flail drain clearing machine)	Total	\$6,000.00	1	\$6,000
		Item 5	Total			\$0
		Item 6				\$0
					Total	\$13,500
General Supplies	5790.5	Sewer cleaning hose		\$6,000.00	2	\$12,000
		Nozzles		\$3,000.00	3	\$9,000
		Misc supplies		\$20,000.00	1	\$20,000
		Item 4				\$0
		Item 5				\$0
		Item 6				\$0
					Total	\$41,000
Contractual Services						
Source Control Inspections	5795.5	Valentine Environmental Engineering 15/hr month		\$2,545.00	12	\$30,540
Network Administration	5830.5	Fuel Master		\$650.00	1	\$650
		Mobile MMS CMMS Coll to pay 1/2 of \$30K Total bill		\$15,000.00	1	\$15,000
		T4 Vault		\$11,000.00	1	\$11,000
		IT Pipes		\$3,800.00	1	\$3,800
		Green Infrastructure GIS - ARC GIS		\$29,000.00	1	\$29,000
		Exceedio		\$21,000.00	1	\$21,000
		Anomaly based detection SCADA		\$20.00	1	\$20
						\$0
						\$0
					Total	\$80,470
Electrical Service	5855.5	Electrical preventative maintenance, corrective maintenance		\$18,000.00	1	\$18,000
System Integrator	5858.5	Software Maintenance and support for Collections SCADA & PLC's/CVM & SR		\$3,500.00	1	\$3,500
Root Foaming	5865.5	Chemical treatment of roots in collection system		\$67,000.00	1	\$67,000
Pump Station Monitoring	5870.5	Moved to cell service #6393.5				\$0
Collection System Capacity Monitoring	5875.5	Smart Cover Monitoring		\$35,000.00	1	\$35,000
Alarm Systems	5880.5	Mission Alarm System		\$6,300.00	1	\$6,300
HR Consulting	5885.5	HR consulting for 5.5 employees	annual	\$19,000.00	1	\$19,000
Equipment Rental	5890.5	Rental Equipment (in case of emergency)		\$4,000.00	1	\$4,000
Janitorial	5900.5	Charged via Treatment Plant or Admin		\$2,000.00	1	\$0
Underground Service Alert	5930.5	USA Locate Service / service area expanded (estimated)	Annual	\$5,800.00	1	\$5,800
Laundry	5940.5	Uniforms	Contract	\$6,100.00	1	\$6,100
Landscaping	5980.5					\$0
Waste Disposal	5990.5	Used Oil and Chemicals	Total	\$1,000.00	1	\$1,000
Legal	5510					\$0

Collection Dept Notes
Budget 2025-26

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
Public Outreach	5519					\$0
Repairs & Maintenance						
General Repairs	6095.5	Item 1		\$0.00	0	\$0
		Item 2		\$0.00	0	\$0
		Item 3		\$0.00	0	\$0
		Item 4		\$0.00	0	\$0
					Total	\$0
Easements Repairs/Clearing	6100.5	Easements clearing		\$35,000.00	1	\$35,000
		Hatton Canyon rehabilitation		\$14,000.00	1	\$14,000
		Cal-Fire clearing		\$6,000.00	1	\$6,000
		Tree ID program to be started		\$18,000.00	1	\$18,000
					Total	\$73,000
Pump Station Equipment	6120.5	Equipment and pumps 2 @ 8th & scenic \$13K ea and one spare 3085 @ \$13K		\$13,000.00	3	\$39,000
		Preventative Maintenance Supplies, Oil, fittings, Gaskets		\$15,000.00	1	\$15,000
		Instruments		\$5,000.00	1	\$5,000
		General PS equipment		\$10,000.00	1	\$10,000
					Total	\$69,000
Sewer Lines	6130.5	Spot Repair program - see Capital Budget		\$200,000.00	0	\$0
		Emergency repair - see Capital Budget		\$200,000.00	0	\$0
		Sewer line parts		\$10,000.00	1	\$10,000
		Item 4				\$0
					Total	\$10,000
Manholes	6140.5	Manhole Lining Project - see Capital Budget		\$300,000.00	0	\$0
		Replacement frame and lids		\$60,000.00	1	\$60,000
		Item 3				\$0
		Item 4				\$0
					Total	\$60,000
Standby Generators/Switchgear	6200.5	Load testing station generators		\$12,000.00	1	\$12,000
		Preventative maintenance Parts, filters, oil.		\$2,500.00	1	\$2,500
		Repair Parts- Control board, batteries		\$5,000.00	1	\$5,000
		Item 4				\$0
					Total	\$19,500
Utilities						
8th & Scenic	6343.5	Includes 6% increase; avg 275 kWh/mo		\$1,400.00	1	\$1,500
Bay & Scenic	6344.5	Includes 6% increase; avg 790 kWh/mo		\$4,000.00	1	\$4,300

**Collection Dept Notes
Budget 2025-26**

Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
Monte Verde & 16th	6345.5	Includes 6% increase; avg 920 kWh/mo		\$4,000.00	1	\$4,300
Calle La Cruz	6346.5	Includes 6% increase; avg 1310 kWh/mo		\$6,000.00	1	\$6,400
Hacienda	6347.5	Includes 6% increase		\$2,800.00	1	\$2,970
Highlands	6348.5	Includes 6% increase; avg 1350 kWh/mo		\$14,000.00	1	\$14,900
Natural Gas	6360.5	Includes 6% increase		\$1,200.00	1	\$1,300
Propane	6370.5	Includes 6% increase	Tank	\$1,800.00	1	\$2,000
Water	6380.5	Includes 8.75% increase; Calle avg 20 gal/mo; Highlands 630 gal/mo		\$3,100.00	1	\$3,300
Garbage	6385.5	Includes 7% increase		\$2,300.00	1	\$2,500
Telephone						
Fixed Costs	6392.5	AT&T Plant Fiber Optic Internet	Percentage	\$3,500.00	1	\$3,500
		ICON VOIP Phones	Percentage	\$1,600.00	1	\$1,600
		Comcast		\$6,000.00	1	\$6,000
						\$0
					Total	\$11,100
Cellular Phones	6393.5	Cell Phones, pump station monitoring		\$5,000.00	1	\$5,000
						\$0
					Total	\$5,000
Travel & Training						
Employee Training	6420.5	Annual SERP Training, PACP certification, Competent person training, Local training		\$18,000.00	1	\$18,000
Conferences	6430.5	CWEA Annual Con X 2 Staff, Tri-State Con X 2 staff, P3S		\$8,000.00	1	\$8,000
Business meetings	6440.5			\$600.00	1	\$600
Permitting						
Waterboard Permits	6470.5	Annual Permit		\$5,000.00	1	\$5,000
Air Pollution Control Permit	6480.5	Generators/portable equipment, new portable generator and portable pump		\$6,500.00	1	\$6,500
Memberships/Subscriptions						
Employee Certification & Memberships	6550.5	DL Collections Grade 4, Met Tec 1		\$320.00	1	\$320
		BB Collections Grade 4, Met Tec 2, Elect 1		\$420.00	1	\$420
		RB Collections Grade 3, Met Tec 1		\$320.00	1	\$320
		MN Collections Grade 2, Met Tec 1		\$320.00	1	\$320
		JD Collections Grade 1, Met Tec 1		\$320.00	1	\$320
		SS Collections Grade 2, Met Tec 1		\$320.00	1	\$320
		CWEA, WEF, NASCO		\$2,500.00	1	\$2,500
					Total	\$4,520
Subscriptions/Publications	6640.5	MSDS Online	Percentage	\$500.00	1	\$500
		Employee certification books, Water Program material and subscriptions		\$500.00	1	\$500
					Total	\$1,000

**Collection Dept Notes
Budget 2025-26**

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Description	Account	Item Description	Unit Type	Unit Cost	Units	Total
Safety						
Emergency Response Equipment & Service	6735.5	Fire Extinguisher Service	Various	\$1,500.00	1	\$1,500
		First Aid Medical Service (see linked notes)	Various	\$1,500.00	1	\$1,500
		Emergency Response- Haz spill/release	Various	\$500.00	1	\$500
		Emergency Response- Rescue	Various	\$500.00	1	\$500
		Disaster Response- Fire, Flood, Earthquake	Various	\$500.00	1	\$500
					Total	\$4,500
PPE & Safety Supplies						
	6750.5	First Aid Supplies	Various	400.00	1	\$400
		COVID Supplies	Various	400.00	1	\$400
		PPE- Hand, Eye, Face, Head, Hearing	Various	1,000.00	1	\$1,000
		PPE- Semi-durable (rain gear, rubber boots, jackets, vests)	Various	\$2,500.00	1	\$2,500
		PPE- Boots (6 x \$245)	Pair	\$245.00	6	\$1,470
		PPE- Other/specialized (arc-flash, rescue, etc.)	Various	\$500.00	1	\$500
		Respiratory Program (APRs, cartridges, air meters, cal-gas)	Various	\$500.00	1	\$500
			Various			\$0
					Total	\$6,770
Safety Training & Policies						
	6760.5	Policies and procedures	Various			\$0
		Safety Weeks Annual- Conf Space Refresh & Rescue	Per Person	\$300.00	6	\$1,800
		Safety Weeks Bi/Triennial- Skid/Backhoe/Manlift	Per Person	\$500.00	6	\$3,000
		Safety Weeks Bi/Triennial- Forklift	Per Person	\$140.00	6	\$840
		Safety Weeks Bi/Triennial- Hoist/Crane	Per Person	\$200.00	6	\$1,200
		Safety Weeks- First Aid/CPR/AED (biennial)	Per Person	\$200.00	6	\$1,200
		Safety Weeks- Other (ergonomics, fall awareness)	Varies	\$3,000.00	2	\$6,000
		Safety Weeks- Fit/Hearing Testing	Per Person	\$220.00	6	\$1,320
		New Employee- specific (as needed)	Will vary	\$3,000.00	1	\$3,000
						\$18,360

Treatment

Treatment Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 6/30/2025		
Salaries							
Salaries	5030.6	1,703,750	1,672,655	2,304,372	776,634	2,194,630	182.6%
Salaries - Overtime	5035.6	21,000	17,943	45,000	11,241	45,000	300.3%
Salaries-Standby	5040.6	18,000	21,864	54,750	11,550	54,750	374.0%
Internship Program		0	0	20,000	12,000	10,660	-11.2%
<i>Total Salaries</i>		1,742,750	1,712,462	2,424,122	811,425	2,305,040	184.1%
Payroll Taxes							
Payroll Taxes	5045.6	166,000	154,286	185,445	73,208	176,336	140.9%
<i>Total Payroll Taxes</i>		166,000	154,286	185,445	73,208	176,336	140.9%
Employee Benefits:							
Medical Insurance - Premium	5070.6	267,000	288,712	307,821	138,802	302,100	117.6%
CalPERS retirement	5080.6	189,200	490,710	183,075	95,617	193,825	102.7%
SAM retirement	5085.6	0	35,844		0	0	
Workers Compensation	5100.6	100,000	73,303	111,375	77,891	87,620	12.5%
Life Insurance	5110.6	1,280	1,750	1,838	1,439	1,895	31.7%
PEHP	5120.6	26,900	26,808	25,896	13,117	26,885	105.0%
Dental Insurance/Claims	5130.6	18,000	17,025	20,508	12,274	19,900	62.1%
Vision Insurance	5140.6	5,200	4,468	5,170	2,461	4,780	94.2%
Long Term Disability	5150.6	13,400	11,968	15,610	6,731	15,755	134.1%
HSA Contributions	5160.6	28,100	21,267	40,980	11,523	4,335	-62.4%
Employee Assistance Program	5180.6	390	2,593	400	2,445	2,450	0.2%
Employee Awards	5185.6	2,600	205	2,700	0	500	
Annual District Picnic	5186.6	1,300	0	1,500	1,057	1,500	41.9%
Employee lunches	5187.6	0	1,681	120	0	0	
Medical Exams	5200.6	600	460	650	0	0	
<i>Total Employee Benefits</i>		653,970	976,794	717,643	363,357	661,545	82.1%
Trucks & Autos							
Gasoline	5310.6	2,500	4,887	2,500	20	1,785	8671.5%
Diesel	5320.6	4,600	0	4,600	0	400	

Treatment Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 6/30/2025		
Oil and grease	5330.6	0	0	800	0	0	
Outside Repair Service	5345.6	197,691	1,762	1,500	118	1,500	1173.9%
Repair Parts	5350.6	20,250	910	70	385	70	-81.8%
<i>Total Trucks & Autos</i>		225,041	7,559	9,470	523	3,755	618.2%
<i>Property/Liability/Auto Insurance</i>							
Insurance	5450.6	160,000	188,336	197,753	211,917	230,000	8.5%
<i>Total Insurance</i>		160,000	188,336	197,753	211,917	230,000	8.5%
<i>Engineering Fees</i>							
Consulting Fees	5500.6	238,000	105,203	290,000	12,349	125,000	912.2%
<i>Total Engineering Fees</i>		238,000	105,203	290,000	12,349	125,000	912.2%
<i>Attorney Fees</i>							
Legal Fees	5510.6	18,000	20,161	20,250	0	13,000	
<i>Total Attorney Fees</i>		18,000	20,161	20,250	0	13,000	
<i>Office Supplies & Service</i>							
Computers & IT Equip	5540.6	29,300	46,124	29,300	20,789	18,200	-12.5%
Furnishings & fixtures	5545.6	3,850	6,469	3,850	5,834	3,600	-38.3%
Office supplies & Service	5570.6	3,845	7,618	3,845	3,685	5,790	57.1%
Public Outreach & Promotion		0	0	0	1,289		-100.0%
<i>Total Office Supplies & Service</i>		36,995	60,212	36,995	31,596	27,590	-12.7%
<i>Operating Supplies</i>							
Chemicals	5615.6	3,300	3,060	3,300	0	0	
Phenylarsine oxide	5625.6	1,100	380	1,041	0	3,070	
Sodium bisulfite	5630.6	97,800	97,692	97,740	29,308	30,000	2.4%
Sodium hypochlorite	5635.6	228,700	225,961	228,690	103,007	105,210	2.1%
Ferric chloride	5640.6	64,190	37,064	64,190	16,929	237,015	1300.1%
Polymer	5650.6	80,800	56,749	80,791	0	54,946	

Treatment Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 6/30/2025		
Acetic Acid	5660.6	3,500	1,223	3,407	0	70,074	
Iodine solution	5665.6	900	72	891	72	1,963	2610.1%
Potassium iodate	5670.6	1,700	301	1,659	0	923	
Generator fuel & oil	5675.6	0	0	0	0	7,500	
Laboratory	5700.6	43,000	35,484	43,000	28,564	0	-100.0%
Radios & supplies	5745.6	3,840	2,010	3,840	3,265	1,700	-47.9%
Tools	5780.6	11,900	5,879	11,900	4,269	5,000	17.1%
General Supplies	5790.6	26,400	39,039	26,330	16,369	32,000	95.5%
Source control	5795.6	31,000	542	1,000	0	0	
<i>Total Operating Supplies</i>		598,130	505,456	567,779	201,783	549,401	172.3%
<i>Contractual Services</i>							
Sludge Haul/Disposal	5820.6	166,500	135,487	166,500	65,869	107,800	63.7%
Network Administration	5830.6	112,200	90,842	278,700	112,000	114,000	1.8%
Laboratory Analysis	5840.6	39,240	35,749	39,240	22,577	0	-100.0%
Electrical Service/Microturbines	5855.6	80,000	55,505	80,000	36,159	70,000	93.6%
Mechanical Services	5856.6	15,000	0	15,000	14,833	30,000	102.3%
HVAC Service	5857.6	8,000	2,715	8,000	0	2,000	
System Integrator	5858.6	50,000	6,637	50,000	4,955	50,000	909.1%
Equipment Service	5859.6	0	0	0	0	500	
Alarm Systems	5880.6	2,500	2,080	2,500	1,068	1,848	73.1%
HR consulting	5885.6	47,000	47,287	46,285	0	46,080	
Equipment rental	5890.6	10,000	3,143	10,000	3,881	15,000	286.5%
Janitorial Service	5900.6	24,000	24,572	24,000	8,426	24,000	184.8%
Copier Service	5910.6	1,500	1,200	1,500	647	1,500	132.0%
Laundry	5940.6	22,000	19,847	22,000	10,937	23,100	111.2%
Landscape Maintenance	5980.6	14,400	8,186	14,400	2,800	14,400	414.3%
Waste Disposal	5990.6	0	70	0	70	0	-100.0%
Grit & Screening Disposal	6000.6	26,775	27,623	26,775	9,788	24,750	152.9%
Pest Control	6010.6	3,500	4,037	5,700	2,028	6,300	210.7%
Instrumentation Services	6020.6	27,880	2,831	27,880	3,165	17,180	442.9%

Treatment Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 6/30/2025		
Hoist Certification	6030.6	1,800	770	1,800	0	1,800	
Hazardous chemical disposal	6040.6	1,000	0	1,000	0	0	
Outfall Inspection	6045.6	16,000	7,093	16,000	0	8,000	
Lagoon inspection	6046.6	16,000	6,962	16,000	0	8,000	
Ocean Monitoring Program	6050.6	6,150	0	6,150	0	6,150	
Plant tree trimming	5982.6	0	0	0	0	0	
<i>Total Contractual Services</i>		691,445	482,636	859,430	299,202	572,408	91.3%
<i>Repairs & Maintenance</i>							
General Repairs	6095.6	12,000	11,663	12,000	1,391	5,000	259.4%
Microturbine R & M/Flare	6160.6	11,000	19,938	11,000	7,614	5,000	-34.3%
Standby Generator/Switchgear	6200.6	6,000	1,404	6,000	4,852	5,000	3.1%
Instruments	6220.6	0	23,834	0	3,335	5,000	49.9%
Aeration Blowers (control panels?? Young)	6210.6	11,000	0	11,000	0	33,000	
Lab Equipment	6240.6	52,240	27,444	52,240	32,629	0	-100.0%
Influent/Headworks/Primary	6250.6	9,300	27,332	9,300	1,803	10,800	499.2%
Effluent/Outfall	6265.6	19,900	7,694	9,900	5,701	12,850	125.4%
Disinfection (Hypo/SBS/CDC)	6270.6	68,800	30,988	68,800	38,108	25,750	-32.4%
Dewatering	6280.6	22,800	40,909	22,800	20,374	26,100	28.1%
Digester/DAFT/Heat Loop	6290.6	5,270	15,133	5,270	4,773	17,530	267.3%
Secondary/RAS/WAS	6300.6	10,560	29,570	10,560	10,655	25,950	143.5%
Plant Utilities (IPS/3PS/Storm PS)	6315.6	12,500	7,922	12,500	0	0	
Buildings	6320.6	105,000	28,333	105,000	55,987	105,000	87.5%
<i>Total Repairs & Maintenance</i>		346,370	272,162	336,370	187,222	276,980	47.9%
<i>Utilities</i>							
Electricity - Secondary	6352.6	162,000	152,019	162,000	60,725	170,100	180.1%
Electricity - Aeration	6353.6	84,000	80,880	84,000	38,693	172,200	345.0%
Electricity - Lab Tertiary	6354.6	0	2,065	0	0	0	
Co-Gen Non-Energy Plant	6359.6	7,200	1,556	7,200	1,497	4,200	180.5%
Natural Gas	6360.6	60,000	61,228	60,000	15,327	44,835	192.5%

Treatment Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 6/30/2025		
Propane	6370.6	1,200	400	1,200	307	900	192.8%
Water	6380.6	9,000	8,868	9,000	3,465	7,100	104.9%
Cable television	6390.6	1,200	1,222	1,200	517	1,300	151.2%
<i>Total Utilities</i>		324,600	308,239	324,600	120,532	400,635	232.4%
Telephone							
Fixed Costs	6392.6	13,140	14,703	13,140	5,078	13,140	158.8%
Cellular Phones	6393.6	3,600	7,038	3,600	1,422	4,750	234.0%
<i>Total Telephone</i>		16,740	21,741	16,740	6,500	17,890	175.2%
Travel & Training							
Employee Training	6420.6	21,300	19,783	21,300	122	11,700	9509.9%
Conferences	6430.6	12,900	6,705	12,900	2,848	21,525	655.7%
Business meetings	6440.6	700	360	700	259	350	35.3%
<i>Total Travel & Training</i>		34,900	26,848	34,900	3,229	33,575	939.8%
Permitting							
Waterboard Permits	6470.6	32,600	24,363	25,800	22,884	25,800	12.7%
Air Pollution Control Permit	6480.6	6,500	6,301	6,500	5,316	5,690	7.0%
Environmental Health Permit	6490.6	2,200	2,316	2,200	0	2,200	
Lab Registration Fees	6510.6	15,100	5,013	15,100	3,250	0	-100.0%
<i>Total Permitting</i>		56,400	37,993	49,600	31,450	33,690	7.1%
Membership/Subscriptions							
Employee Certification & Memberships	6550.6	7,400	3,942	7,400	4,220	7,800	84.8%
Subscriptions/Publications	6640.6	4,100	3,408	4,100	2,744	4,400	60.3%
<i>Total Membership/Subscrip.</i>		11,500	7,350	11,500	6,965	12,200	75.2%
Safety							
Emergency Response Equipment & Service	6735.6	13,100	7,881	13,050	1,003	8,600	757.3%
PPE & Safety Supplies	6750.6	9,700	9,950	9,700	1,886	8,400	345.5%

Treatment Dept
Budget 2025-26

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 6/30/2025		
Safety Training & Policies	6760.6	40,100	15,399	40,100	12,904	20,100	55.8%
<i>Total Safety</i>		62,900	33,230	62,850	15,792	37,100	134.9%
Other Expenses							
Recruitment	8910.6	5,000	6,529	0	870	5,000	474.5%
Legal notices	8920.6	200	156	200	0	0	
Contingency	8980.6	0	0	0	0	0	
<i>Total Other Expense</i>		5,200	6,685	200	870	5,000	474.5%
<i>CAWD Subtotal</i>		5,388,941	4,927,352	6,145,647	2,377,920	5,481,145	130.5%
Reclamation		(619,283)	(558,531)	(577,945)	(301,730)	(585,700)	94.1%
<i>Final Subtotal</i>		4,769,658	4,368,821	5,567,702	2,076,190	4,895,445	135.8%
Depreciation Expense	8997.6	2,300,000	2,470,116	2,454,740	2,470,116	1,970,100	-20.2%
Total Operating Expense		7,069,658	6,838,937	8,022,442	4,546,306	6,865,545	51.0%

Treatment Workpaper Notes

Treatment Dept
Budget 2025-26

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.6	COLA for Oct 2023 San Francisco-Oakland-Hayward 2.8%				
Salaries - Overtime	5035.6					
Standby	5040.6	Per MOU \$75/day	work hours			
Intern Program		Est \$20/hr.				
PR Taxes						
Payroll taxes	5045.6	FICA (6.2%) and Medicare (1.45%)		7.65%		
Employee Benefits						
Medical Insurance - Premium	5070.6	Assumes continued 50/50 split between District and Employees				
CalPERS retirement	5080.6	CalPERS assume 2024 actuarial report				
SAM retirement	5085.6					
Workers Compensation	5100.6	Worker Compensation - experience mod increase .12 to 132		\$87,620.00	1	\$87,620
Life Insurance	5110.6					
PEHP	5120.6	PEHP dependent upon salary 1.25%				
Dental Insurance/Claims	5130.6	Dental Insurance claims based on 5 year average		\$22,600.00	1	\$22,600
Vision Insurance	5140.6					
Long Term Disability	5150.6					
HSA Contributions	5160.6	Depending upon health insurance plan				
Employee Assistance Program	5180.6					
Employee Awards	5185.6	Award Trmt & Collections				
Annual District Picnic	5186.6	Assume \$4,000 distributed across departments				
Employee lunches	5187.6					
Medical Exams	5200.6					
Trucks & Autos						
Gasoline	5310.6	Units 9, 16, 20 and Boom Lift (data from Fuel Master)	Gallons	\$5.10	350	\$1,785
Diesel	5320.6	Yard Mule, Backhoe, Skid Steer (data from Fuel Master)	Gallons	\$5.60	65	\$400
Oil & Grease	5330.6	Oil and filters				\$0
Outside Repair Service	5345.6	Brakes, Batteries, Lights, tires		\$1,500.00	1	\$1,500
Repair Parts	5350.6	Smog Check (#)		\$70.00	1	\$70
Property/Liability/Auto Insurance						
Insurance	5450.6	General Liability		\$74,981.50	1	\$74,982
		Property Insurance	Vehicle	\$122,878.80	1	\$122,879
		Cyber Crime		\$7,465.70	1	\$7,466
		Vehicle				\$0
					Total	\$205,326
Engineering Fees						
Consulting Fees	5500.6	Sea Level Rise Studies		\$150,000.00	1	\$150,000
		Maintenance Consulting- PM work, O&M Review		\$80,000.00	1	\$80,000
		Geomagnetic Storm study (60/40 w/ Treatment)				\$0

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
					Total	\$230,000
Attorney Fees						
Legal Fees	5510.6	District Counsel	per hour	\$325.00	40	\$13,000
						\$0
						\$0
					Total	\$13,000
Office Supplies & Services						
Computers & IT Equip	5540.6	Desktop Computers per Exceedio	Computer	\$1,500.00	10	\$15,000
		Monitors	Device	\$200.00	4	\$800
		iPad replacement/with case: operations CMMS/SCADA	Device	\$1,300.00	1	\$1,300
		iPad replacement: maintenance CMMS	Device	\$0.00	0	\$0
		Printers	unit	\$300.00	2	\$600
		misc. supplies (cords, adapters)	Total	\$500.00	1	\$500
					Total	\$18,200
Furnishings & fixtures	5545.6	Chairs - operations	Each	\$500.00	2	\$1,000
		Chairs - Maintenance	Each	\$500.00	2	\$1,000
		Chairs- Laboratory	Each	\$500.00	1	\$500
		Book shelf/desk - operation	Each	\$550.00	2	\$1,100
		Book shelf/desk - maintenance	Each			\$0
					Total	\$3,600
Office Supplies & Services	5570.6	Copy papers/ink	Each	\$5.78	500	\$2,890
		Postage/Shipping (non laboratory)	as needed	\$200.00	1	\$200
		General Office Supplies	as needed	\$2,200.00	1	\$2,200
		Printing Forms, business cards, etc. (Ops \$500)	as needed	\$500.00	1	\$500
					Total	\$5,790
Operating Supplies						
Chemicals	5615.6	Chemical usage is estimated at 52 wks./yr	Each	\$0.00	0	
Phenylarsine oxide	5625.6	Potassium Iodide, pH buffer-calibration chemicals	solid/liquid	\$3,070.00	1	\$3,070
Sodium bisulfite	5630.6	Calibration chemicals	gallon	\$169.76	10	\$1,698
Sodium hypochlorite	5635.6	De-chlorination chemical- used year round for both CAWD/Recl	bulk-gallons	\$1.67	63000	\$105,210
Ferric chloride	5640.6	Disinfecting chemical - used year round for both CAWD/Recl	bulk-gallons	\$2.29	103500	\$237,015
Polymer	5650.6	Digester H2S removal	bulk-gallons	\$8.39	6549	\$54,946
Acetic Acid	5660.6	Dewatering/DAFT (2290lb/tote)-15 totes/yr	pound	\$2.04	34350	\$70,074
Iodine solution	5665.6	Analyzer chemicals	gallons	\$98.16	20	\$1,963
Potassium iodate	5670.6	Calibration chemicals	gallons	\$61.52	15	\$923
Generator fuel & oil	5675.6	Treatment Plant Generator Diesel	gallons	\$5.00	1500	\$7,500
Electrical	5690.6			\$0.00	0	
Laboratory	5700.6	General supplies- Laboratory	misc.	\$40,000.00	1	\$40,000
Janitorial	5730.6					
Radios & supplies	5745.6	Motorola replacement handheld radios for plant	each	\$850.00	2	\$1,700

Treatment Dept
Budget 2025-26

Total Page Count 65

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Tools	5780.6	Shop hand tools	misc.	\$2,000.00	1	\$2,000
		Battery Powered tools, batteries for tools	misc.	\$1,000.00	1	\$1,000
		Operator hand tools	misc.	\$1,000.00	1	\$1,000
		Ladder	misc.	\$300.00	2	\$600
		Laboratory hand tools				\$0
					Total Tools	\$4,600
General supplies	5790.6	Janitorial supplies-brooms, dust pans, etc.	misc.	\$300.00	1	\$300
		Fittings, hardware, disposable items, paper towels, batteries	misc.	\$28,000.00	1	\$28,000
		Plant log books-Operations	each	\$45.00	6	\$270
		Circular charts	box	\$69.00	12	\$828
					Total	\$29,398
Source control	5795.6	General supplies: dye, racks, cart				\$0
Contractual Services						
Sludge Haul/Disposal	5820.6	Synagro-bio solids cost	ton	\$89.77	1200	\$107,800
Network Administration	5830.6	Exceedio Network and Desktop support	Annual	\$100,000.00	1	\$100,000
		Exceedio - Server warranty renewal - 5%	Annual	\$2,000.00	1	\$2,000
		LIMS/Silver support (50/50 split)	Annual	\$8,000.00	1	\$8,000
		E-NPDES	Annual	\$2,000.00	1	\$2,000
		UPS Maintenance for Plant	Bi-Annual	\$1,000.00	2	\$2,000
					Total	\$114,000
Electrical Service/Microturbines	5855.6	Support for electrical PMs and repairs	Total	\$70,000.00	1	\$70,000
Mechanical Services	5856.6	Mechanical contractor 2 weeks 2 techs	Total	\$30,000.00	1	\$30,000
HVAC Service	5857.6	Annual maintenance for exhaust fans and HVAC	Total	\$2,000.00	1	\$2,000
System Integrator	5858.6	Support for reporting and SCADA process improvements	Total	\$50,000.00	1	\$50,000
Equipment Service	5859.6	Forklift, Pallet jacks, Aerial Lift	Total	\$500.00	1	\$500
Alarm Systems	5880.6	First Alarm	quarterly	\$462.00	4	\$1,848
HR consulting	5885.6	Annual HR consulting fees (18 staff)	annual	\$46,080.00	1	\$46,080
Equipment rental	5890.6	Crane and aerial lift rental	as needed	\$15,000.00	1	\$15,000
Janitorial Service	5900.6	Plant Janitorial	Monthly	\$2,000.00	12	\$24,000
Copier Service	5910.6	Copier service contract	annual	\$1,500.00	1	\$1,500
Laundry	5940.6	Cintas Uniforms (5% increase per Daryl) cost is for all plant staff	annual	\$23,100.00	1	\$23,100
Landscape Maintenance	5980.6	Treatment Plant	Total	\$1,200.00	12	\$14,400
Waste Disposal	5990.6			\$0.00	0	
Grit & Screening Disposal	6000.6	Grit bin	each disposal-as needed	\$1,650.00	15	\$24,750
Pest Control	6010.6	Plant pest control	annual	\$525.00	12	\$6,300
Instrumentation Services	6020.6	Balance calibration	annually	\$245.00	4	\$980
		Microscope service- (Ops \$200)	annually	\$200.00	1	\$200
		Hach-calibrations	annually	\$1,000.00	1	\$1,000
		Flowmeter calibration/Calibrate fixed gas monitors	annually/quarterly	\$15,000.00	1	\$15,000
					Total	\$17,180
Hoist Certification	6030.6	Annual service/inspection-DW,Inf, CDC, and Blower	annually	\$1,800.00	1	\$1,800

Treatment Dept
Budget 2025-26

Total Page Count 66

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Hazardous chemical disposal	6040.6	Laboratory disposal-Hach	annually	\$0.00	0	\$0
Outfall Inspection	6045.6	Annual inspection-per NPDES	annually	\$16,000.00	1	\$16,000
Lagoon inspection	6046.6	Annual inspection	annually	\$16,000.00	1	\$16,000
Ocean Monitoring Program	6050.6	ABC-toxicity	semi-annually	\$6,150.00	1	\$6,150
Plant tree trimming	5982.6	No trimming this fiscal year		\$0.00	0	\$0
Repairs & Maintenance						
General Repairs	6095.6	Support items not specific to single process.	total	\$5,000.00	1	\$5,000
Microturbine R & M/Flare	6160.6	Gas conditioning PM parts	each	\$5,000.00	1	\$5,000
		Siloxane Media	Total	\$15,000.00	1	\$15,000
		Gas testing	semi-annually	\$2,175.00	2	\$4,350
		Micro turbine PM	Each	\$0.00	0	\$0
					Total	\$24,350
Standby Generator/Switchgear	6200.6	Fuel filtering for standby tank	Each	\$5,000.00	1	\$5,000
		PLC Firmware Upgrade for Eaton Switchgear	Total	\$5,000.00	1	
					Total	\$5,000
Instruments	6220.6	Instruments	Total	\$0.00	0	
					Total	\$0
Aeration Blowers (control panels?? Young)	6210.6	Blower PM Inspection, Air flow meter calibrations, spare	Total	\$30,000.00	1	\$30,000
		Oil, grease, belts	Total	\$3,000.00	1	\$3,000
					Total	\$33,000
Lab Equipment	6240.6	Operations: CL2 and Deox analyzers calibration equipment and supplies	misc.	\$3,400.00	1	\$3,400
		New Spectrometer	each	\$9,999.00	1	\$9,999
		Gallery Parts	each	\$5,000.00	1	\$5,000
		Handheld probe annual replacements	Total	\$9,000.00	1	\$9,000
		Composite sampler-replacement refrigeration skid	sampler skid	\$0.00	1	\$0
		TOC P/M (50/50 split)	annual	\$4,955.00	1	\$4,955
		pH probe (50/50)	each	\$500.00	1	\$500
		Misc. laboratory repairs	misc.	\$3,000.00	1	\$3,000
		TOC compressor (50/50)	each	\$2,800.00	1	\$2,800
		Gallery P/M (50/50)	annual	\$6,685.00	1	\$6,685
		Eaton Battery (50/50 split)	annual	\$5,000.00	1	\$5,000
		Foss P/M (50/50 split)	annual	\$6,100.00	1	\$6,100
		Replacement Balance (Wine Country Balance: www.wineryscales.c	each	\$3,500.00	1	\$3,500
					Total	\$59,939
Influent/Headworks/Primary	6250.6	pH probe replacement/salt bridge	annually	\$800.00	1	\$800
		Spare parts for new equipment, Moyno parts	Total	\$5,000.00	1	\$5,000
		Instrument repairs (Level Transducer, floats)	each	\$5,000.00	1	\$5,000
			each			\$0
					Total	\$10,800
Effluent/Outfall	6265.6	Analyzer parts-motors/probe/consumables	as required	4,850.00	1	\$4,850
		Parts for pumps	each	3,000.00	1	\$3,000
		Level probes, floats	each	5,000.00	1	\$5,000
			each			\$0

Treatment Dept
Budget 2025-26

Total Page Count 67

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Disinfection (Hypo/SBS/CDC)	6270.6				Total	\$12,850
		Analyzer-replacement probes, flow switch, motors	as required	\$4,750.00	1	\$4,750
		Flow Meters	each	\$3,000.00	3	\$9,000
		VFDs	each	\$2,000.00	1	\$2,000
			each			\$0
		Pump PM rebuild kits	each	\$10,000.00	1	\$10,000
					Total	\$25,750
Dewatering	6280.6	polymer machine maintenance supplies	as needed	\$4,100.00	1	\$4,100
		Gearbox, valves, pump rebuilds	Total	\$10,000.00	1	\$10,000
		Pump rebuild kits and impeller	Total	\$10,000.00	1	\$10,000
		Replacement Valves	each	\$2,000.00	1	\$2,000
					Total	\$26,100
Digester/DAFT/Heat Loop	6290.6	Heat exchanger P/M parts	as needed	\$5,000.00	1	\$5,000
		gas test supplies- (Draeger tubes for H2S,sample tubing/supplies)	box	\$115.00	22	\$2,530
		Mechanical Seals	each	\$2,000.00	1	\$2,000
		Pump Impeller and gaskets	Total	\$8,000.00	1	\$8,000
					Total	\$17,530
Secondary/RAS/WAS	6300.6	LDO replacement cap (Aeration and EQ basins)	each-annually	\$680.00	8	\$5,440
		LDO sensor replacement (Aeration & EQ basins)	each	\$3,149.00	2	\$6,298
		#3 water hoses	as needed	\$225.00	4	\$900
		SC 4500 controllers (EQ basins)	each	\$3,656.00	2	\$7,312
		Valve Repair	each	\$3,000.00	2	\$6,000
					Total	\$25,950
Plant Utilities (IPS/3PS/Storm PS)	6315.6	Pump rebuild parts	Total			\$0
		Spare 1 water pump	Each			\$0
		Flow meter	Each			\$0
		Item 4				\$0
					Total	\$0
Buildings	6320.6	Roof repair by section	Section	\$15,000.00	4	\$60,000
		Doorlocks, signs, siding repair.	Total	\$5,000.00	1	\$5,000
		Restroom Repair Breakroom	Total	\$10,000.00	1	\$10,000
		Landscape repairs	Total	\$15,000.00	2	\$30,000
					Total	\$105,000
Utilities						
Electricity - Secondary	6352.6	Electrical Secondary 5% increase)	monthly	\$14,175.00	12	\$170,100
Electricity - Aeration	6353.6	Electrical Aeration (5% increase)	monthly	\$14,350.00	12	\$172,200
Electricity - Lab Tertiary	6354.6	Electrical Laboratory (No longer powered from Tertiary PG&E met	monthly	\$0.00	0	\$0
Co-Gen Non-Energy Plant	6359.6	Cogen Meter	Monthly	\$350.00	12	\$4,200
Natural Gas	6360.6	Boiler, misc. plant heaters. Avg 3405 terms/mo	Therms	\$1.98	22644	\$44,835
Propane	6370.6	Forklift (as needed)	gallons	\$5.90	136	\$900
Water	6380.6	Plant (1 unit per 100 gallons used) Avg 15,900 gal/mo	monthly	\$590.00	12	\$7,100
Cable television	6390.6	Direct TV	monthly	\$108.00	12	\$1,300

Treatment Dept
Budget 2025-26

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Telephone						
Fixed Costs	6392.6	AT&T Fiber for the plant	monthly	\$720.00	12	\$8,640
		VOIP	monthly	\$375.00	12	\$4,500
					Total	\$13,140
Cellular Phones	6393.6	AT&T connective service charge	Total	\$3,600.00	1	\$3,600
		replacement phone-upgrade/replacement/cases (Ops 1 Phone \$1150	unit	\$1,150.00	1	\$1,150
					Total	\$4,750
Travel & Training						
Employee Training	6420.6					
		Operation		\$7,200.00	1	\$7,200
		Maintenance		\$1,500.00	1	\$1,500
		Laboratory		\$1,500.00	2	\$3,000
				Total		\$11,700
Conferences	6430.6	Staff conferences				
		Operations		\$9,025.00	1	\$9,025
		Maintenance		\$2,500.00	3	\$7,500
		Laboratory		\$2,500.00	2	\$5,000
				Total		\$21,525
Business meetings	6440.6	OPS, Maintenance, Laboratory	Total	\$350.00	1	\$350
Permitting						
Waterboard Permits	6470.6	NPDES (+5%)	annual renewal	\$23,670.00	1	\$23,700
		Storm Water 1,950 + 5%	annual renewal	\$2,050.00	1	\$2,100
					Total	\$25,800
Air Pollution Control Permit	6480.6	MBARD Permit for the Plant and Generators 7% increase from act	Total	\$5,690.00	1	\$5,690
Environmental Health Permit	6490.6	Chemical Storage County Permit	Total	\$2,200.00	1	\$2,200
Memberships/Subscriptions						
Employee Certification & Memberships	6550.6	SWRCB- 8 operators, 1 maintenance	renewal	\$203.00	9	\$1,827
		WEF (includes CWEA membership)	renewal	\$390.00	1	\$390
		CWEA Membership Operations	annual	\$239.00	8	\$1,912
		CWEA Membership Maintenance	annual	\$239.00	3	\$717
		CWEA Membership Laboratory	annual	\$239.00	3	\$717
		Environmental compliance inspector (1 renew at \$98; 2 new at \$19	annual	\$98.00	1	\$98
		Operations- Maintenance certifications	annual	\$121.00	6	\$726
		Laboratory analyst (2 renew at \$108; 1 new at \$192)	annual	\$408.00	1	\$408
		Advanced Water Treatment Operator (AWTO) exam	as needed	\$275.00	2	\$550
		Advanced Water Treatment Operator (AWTO) certification	annual	\$225.00	2	\$450
					Total	\$7,800

Treatment Dept
Budget 2025-26

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Subscriptions/Publications	6640.6	MSDS Online (Annual paid each April) Other 50% Recl	Annual			\$0
		exam study material-Operations	as needed	\$500.00	1	\$500
		exam study material- Maintenance	as needed	\$1,250.00	1	\$1,250
		exam study material- Laboratory	as needed	\$1,250.00	1	\$1,250
		misc. books- Operations	Total	\$1,000.00	1	\$1,000
		misc. books- Maintenance	Total	\$200.00	2	\$400
		misc. books- Laboratory	Total	\$0.00	0	\$0
					Total	\$4,400
Safety						
Emergency Response Equipment & Service	6735.6	Fire Extinguisher Service	Various	\$1,100.00	1	\$1,100
		First Aid Medical Service (see linked notes)	Various	\$0.00	0	\$0
		Emergency Response- Haz spill/release	Various	\$2,000.00	2	\$4,000
		Emergency Response- Rescue	Various	\$1,000.00	1	\$1,000
		Disaster Response- Fire, Flood, Earthquake	Various	\$0.00	0	\$0
		Portable Gas Monitors	Each	\$2,000.00	1	\$2,000
		Portable Gas Testing Supplies	Total	\$500.00	1	\$500
					Total	\$8,600
PPE & Safety Supplies	6750.6	First Aid Supplies	Various	\$500.00	1	\$500
			Various	\$0.00	0	\$0
		PPE- Hand, Eye, Face, Head, Hearing	Total	\$500.00	1	\$500
		PPE- Semi-durable (rain gear, rubber boots, jackets, vests)- Ops	Total	\$1,250.00	1	\$1,250
		PPE- Semi-durable (rain gear, rubber boots, jackets, vests)- Main	Total	\$500.00	1	\$500
		PPE- Semi-durable (rain gear, rubber boots, jackets, vests)- Lab	Total	\$500.00	2	\$1,000
		PPE- Boots (19 x \$245 plus tax) cost for all plant staff	Pair	\$253.00	19	\$4,807
		PPE- Other/specialized (arc-flash, rescue, etc.)	Various	\$0.00	0	\$0
		Respiratory Program (APRs, cartridges, air meters, cal-gas)	Various	\$1,300.00	1	\$1,300
		Other	Various	\$0.00	0	\$0
					Total	\$8,400
Safety Training & Policies	6760.6	Policies and procedures	Various	\$0.00	0	\$0
		Safety Weeks Annual- Haz Refresh & Response	Per Person	\$380.00	11	\$4,180
		Safety Weeks Annual- Conf Space Refresh & Rescue	Per Person	\$180.00	10	\$1,800
		Safety Weeks Bi/Triennial- Skid/Backhoe/Manlift	Per Person	\$500.00	0	\$0
		Safety Weeks Bi/Triennial- Forklift	Per Person	\$150.00	12	\$1,800
		Safety Weeks Bi/Triennial- Hoist/Crane	Per Person	\$190.00	12	\$2,280
		Safety Weeks- First Aid/CPR/AED (biennial)	Per Person	\$220.00	10	\$2,200
		Safety Weeks- Other (ergonomics, fall awareness)	Varies	\$2,500.00	1	\$2,500
		Safety Weeks- Fit/Hearing Testing	Per Person	\$180.00	10	\$1,800
		New Employee- specific (as needed)	Will vary	\$3,500.00	1	\$3,500
					Total	\$20,100

Laboratory

**Laboratory
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26	% Chg. Prior Yr.
		Budget	Actual	Budget	Est 6/30/2025	Budget	Actual
Salaries							
Salaries	5030.11					517,946	
Salaries - Overtime	5035.11					0	
Salaries-Standby	5040.11					0	
Internship Program						0	
<i>Total Salaries</i>		0	0	0	0	517,946	
Payroll Taxes							
Payroll Taxes	5045.11					39,623	
<i>Total Payroll Taxes</i>		0	0	0	0	39,623	
Employee Benefits:							
Medical Insurance - Premium	5070.11					67,700	
CalPERS retirement	5080.11					44,255	
SAM retirement	5085.11					0	
Workers Compensation	5100.11					25,105	
Life Insurance	5110.11					400	
PEHP	5120.11					6,595	
Dental Insurance/Claims	5130.11					2,600	
Vision Insurance	5140.11					845	
Long Term Disability	5150.11					3,840	
HSA Contributions	5160.11					2,075	
Employee Assistance Program	5180.11					0	
Employee Awards	5185.11					425	
Annual District Picnic	5186.11					485	
Employee lunches	5187.11					0	
Medical Exams	5200.11					0	
<i>Total Employee Benefits</i>		0	0	0	0	154,325	
Trucks & Autos							
Gasoline	5310.11					250	
<i>Total Trucks & Autos</i>		0	0	0	0	250	

**Laboratory
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est 6/30/2025		
Engineering Fees							
Consulting Fees	5500.11					0	
<i>Total Engineering Fees</i>		0	0	0	0	0	
Office Supplies & Service							
Computers & IT Equip	5540.11					1,500	
Furnishings & fixtures	5545.11					0	
Office supplies & Service	5570.11					750	
<i>Total Office Supplies & Service</i>		0	0	0	0	2,250	
Operating Supplies							
Laboratory	5700.11					40,000	
<i>Total Operating Supplies</i>		0	0	0	0	40,000	
Contractual Services							
Network Administration	5830.11					0	
Laboratory Analysis	5840.11					130,000	
Equipment Service	5859.11					0	
HR consulting	5885.11					2,000	
<i>Total Contractual Services</i>		0	0	0	0	132,000	
Repairs & Maintenance							
General Repairs	6095.11					0	
Lab Equipment	6240.11					60,000	
Buildings	6320.11					0	
<i>Total Repairs & Maintenance</i>		0	0	0	0	60,000	
Utilities							
Electricity - Lab Tertiary	6354.11					6,000	
Natural Gas	6360.11					0	

**Laboratory
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est 6/30/2025		
Water	6380.11					0	
<i>Total Utilities</i>		0	0	0	0	6,000	
Telephone							
Fixed Costs	6392.11					0	
Cellular Phones	6393.11					1,000	
<i>Total Telephone</i>		0	0	0	0	1,000	
Travel & Training							
Employee Training	6420.11					3,000	
Conferences	6430.11					5,000	
<i>Total Travel & Training</i>		0	0	0	0	8,000	
Permitting							
Lab Registration Fees	6510.11					0	
<i>Total Permitting</i>		0	0	0	0	0	
Membership/Subscriptions							
Employee Certification & Memberships	6550.11					1,125	
Subscriptions/Publications	6640.11					1,250	
<i>Total Membership/Subscrip.</i>		0	0	0	0	2,375	
Safety							
PPE & Safety Supplies	6750.11					1,000	
Safety Training & Policies	6760.11					1,500	
<i>Total Safety</i>		0	0	0	0	2,500	
Other Expenses							
Recruitment	8910.11					2,500	
Contingency	8980.11					0	
<i>Total Other Expense</i>		0	0	0	0	2,500	

**Laboratory
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est 6/30/2025		
<i>CAWD Subtotal</i>		0	0	0	0	968,769	
Reclamation						0	
<i>Final Subtotal</i>		0	0	0	0	968,769	
Depreciation Expense	8997.11					500,000	
Total Operating Expense		0	0	0	0	1,468,769	

Laboratory Workpaper Notes

**Laboratory
Budget 2025-26**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.11	COLA for Oct 2023 San Francisco-Oakland-Hayward 2.8%				\$517,946
Salaries - Overtime	5035.11					
Standby	5040.11	Per MOU \$75/day	work hours			
Intern Program		Est \$20/hr.				
PR Taxes						
Payroll taxes	5045.11	FICA (6.2%) and Medicare (1.45%)		7.65%		\$39,623
Employee Benefits						
Medical Insurance - Premium	5070.11	Assumes continued 50/50 split between District and Employees				\$67,700
CalPERS retirement	5080.11	CalPERS assume 2024 actuarial report				\$44,255
SAM retirement	5085.11	SAM assume 5 yr actuary report				\$0
Workers Compensation	5100.11	Worker Compensation - experience mod increase .12 to 132		\$87,620.00	1	\$25,105
Life Insurance	5110.11	Life Insurance no change				\$400
PEHP	5120.11					\$6,595
Dental Insurance/Claims	5130.11	PEHP dependent upon salary 1.25%		\$22,600.00	1	\$2,600
Vision Insurance	5140.11	Dental Insurance claims based on 5 year average				\$845
Long Term Disability	5150.11	3 employees - 12 months				\$3,840
HSA Contributions	5160.11	Equitable Financial Assist - \$58.65/employee per month				\$2,075
Employee Assistance Program	5180.11	Depending upon health insurance plan				\$0
Employee Awards	5185.11					\$425
Annual District Picnic	5186.11	Award Trmt & Collections				\$485
Employee lunches	5187.11	Assume \$4,000 distributed across departments				\$0
Medical Exams	5200.11					
Trucks & Autos						
Gasoline	5310.11	Units 9, 16, 20 and Boom Lift (data from Fuel Master)	Gallons	\$5.10	50	\$250
Oil & Grease	5330.11	Oil and filters				\$0
Outside Repair Service	5345.11	Brakes, Batteries, Lights, tires		\$1,500.00		\$0
Repair Parts	5350.11	Smog Check (#)		\$70.00		\$0
Engineering Fees						
Consulting Fees	5500.11					\$0
					Total	\$0
Office Supplies & Services						
Computers & IT Equip	5500.11	Desktop Computers per Exceedio	Computer	\$1,500.00	1	\$1,500
				\$0.00		\$0
					Total	\$1,500
Office Supplies & Services	5570.11	Office supplies		\$750.00	1	\$750
					Total	\$750

**Laboratory
Budget 2025-26**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Operating Supplies						
Laboratory	5700.11	General supplies- Laboratory	misc.	\$40,000.00	1	\$40,000
Contractual Services						
Network Administration	5830.11	Exceedio Network and Desktop support				
					Total	\$0
Laboratory Analysis	5840.11	MBAS	water testing	\$130,000.00	1	\$130,000
					Total	\$130,000
HR consulting	5885.11	Annual HR consulting fees (18 staff)	annual	\$2,000.00	1	\$2,000
					Total	\$2,000
Repairs & Maintenance						
Lab Equipment	6240.11	Operations: CL2 and Deox analyzers calibration equipment and supplies	misc.	\$3,400.00	1	\$3,400
		New Spectrometer	each	\$9,999.00	1	\$9,999
		Gallery Parts	each	\$5,000.00	1	\$5,000
		Handheld probe annual replacements	Total	\$9,000.00	1	\$9,000
		Composite sampler-replacement refrigeration skid	sampler skid	\$0.00	1	\$0
		TOC P/M (50/50 split)	annual	\$4,955.00	1	\$4,955
		pH probe (50/50)	each	\$500.00	1	\$500
		Misc. laboratory repairs	misc.	\$3,000.00	1	\$3,000
		TOC compressor (50/50)	each	\$2,800.00	1	\$2,800
		Gallery P/M (50/50)	annual	\$6,685.00	1	\$6,685
		Eaton Battery (50/50 split)	annual	\$5,000.00	1	\$5,000
		Foss P/M (50/50 split)	annual	\$6,100.00	1	\$6,100
		Replacement Balance (Wine Country Balance: www.wineryscales.com)	each	\$3,500.00	1	\$3,500
					Total	\$59,939
Utilities						
Electricity - Lab Tertiary	6354.11	Electrical Secondary 5% increase	monthly	\$500.00	12	\$6,000
Natural Gas	6360.11		Therms	\$0.00		\$0
Water	6380.11		monthly	\$0.00		\$0
Telephone						
Fixed Costs	6392.11					\$0
					Total	\$0
Cellular Phones	6393.11	AT&T connective service charge	Total	\$1,000.00	1	\$1,000
					Total	\$1,000

**Laboratory
Budget 2025-26**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Travel & Training						
Employee Training	6420.11	Laboratory		\$1,500.00	2	\$3,000
				Total		\$3,000
Conferences	6430.11	Staff conferences				
		Laboratory		\$2,500.00	2	\$5,000
				Total		\$5,000
Permitting						
Lab Registration Fees	6510.11	ELAP, 3rd party assessor, regulatory compliance all (50/50)	annual renewal	\$0.00	0	\$0
Memberships/Subscriptions						
Employee Certification & Memberships	6550.11	CWEA Membership Laboratory	annual	\$239.00	3	\$717
		Laboratory analyst (2 renew at \$108; 1 new at \$192)	annual	\$408.00	1	\$408
						\$0
					Total	\$1,125
Subscriptions/Publications	6640.11	MSDS Online (Annual paid each April) Other 50% Recl	Annual			\$0
		exam study material- Laboratory	as needed	\$1,250.00	1	\$1,250
		misc. books- Laboratory	Total	\$0.00	0	\$0
					Total	\$1,250
Safety						
Emergency Response Equipment & Service	6735.11					\$0
						\$0
					Total	\$0
PPE & Safety Supplies	6750.11	First Aid Supplies	Various	\$500.00	1	\$500
			Various	\$0.00	0	\$0
		PPE- Hand, Eye, Face, Head, Hearing	Total	\$500.00	1	\$500
		Other	Various	\$0.00	0	\$0
					Total	\$1,000
Safety Training & Policies	6760.11	Policies and procedures	Various	\$0.00	0	\$0
		New Employee- specific (as needed)	Will vary	\$1,500.00	1	\$1,500
					Total	\$1,500

Administration

**Administration
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est Yr End 6/30/2025		
Salaries							
Salaries	5030.7	623,084	603,761	576,042	528,284	545,762	3.3%
Salaries - Overtime	5035.7	9,600	11,442	7,500	9,433	10,000	6.0%
Internship Program						10,660	
<i>Total Salaries</i>		632,684	615,203	583,542	537,717	566,422	5.3%
Payroll Taxes							
Payroll Taxes	5045.7	51,600	44,269	44,641	41,135	43,331	5.3%
<i>Total Payroll Taxes</i>		51,600	44,269	44,641	41,135	43,331	5.3%
Employee Benefits:							
Medical Insurance - Premium	5070.7	33,000	34,756	37,282	36,060	45,162	25.2%
CalPERS retirement	5080.7	59,100	159,946	56,530	52,929	51,231	-3.2%
SAM	5090.7	100,000	6,657	0	0	0	
Workers Compensation	5100.7	40,100	26,604	49,080	33,571	2,472	-92.6%
Life Insurance	5110.7	550	325	475	331	300	-9.4%
Section 115		100,000	0	100,000	0	0	
PEHP	5120.7	8,700	7,306	7,201	6,671	6,760	1.3%
Dental Insurance/Claims	5130.7	10,000	5,996	8,800	10,938	8,700	-20.5%
Vision Insurance	5140.7	1,600	1,078	1,355	912	865	-5.2%
Long Term Disability	5150.7	3,200	2,373	3,200	1,981	2,150	8.5%
HSA Contributions	5160.7	4,300	3,740	5,000	4,491	1,060	-76.4%
Employee Assistance Program	5180.7	90	593	90	10	320	2993.3%
Employee Awards	5185.7	500	157	500	7,759	0	-100.0%
Annual District Picnic	5186.7	3,500	2,369	3,500	4,553	3,000	-34.1%
Medical Exams	5200.7	0	809	250	0	0	
<i>Total Employee Benefits</i>		364,640	252,708	273,263	160,207	122,020	-23.8%
Directors Fees							
Regular Board Meetings	5230.7	8,800	9,450	8,800	7,759	9,600	23.7%
PBCSD Director's Fees	5240.7	1,400	1,450	1,400	1,034	1,400	35.3%
Special Board Meetings	5250.7	6,400	5,150	6,400	4,052	7,600	87.6%

**Administration
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est Yr End 6/30/2025		
Committee Meetings	5260.7	3,700	3,250	3,700	1,983	3,000	51.3%
Special District Assoc	5265.7	1,400	0	1,400	2,455	1,200	-51.1%
Training & Strategic Planning	5275.7	3,100	3,530	3,100	16,526	20,000	21.0%
Director's Dental Claims	5280.7	8,200	3,942	7,900	5,721	6,500	13.6%
<i>Total Directors Fees</i>		33,000	26,773	32,700	39,529	49,300	24.7%
<i>Trucks & Autos</i>							
Gasoline	5310.7	500	0	600	550	1,275	131.8%
Outside Repair Services	5345.7	0	0	0	21	70	233.5%
Repair Parts	5350.7	200	170	200	0	300	
<i>Total Trucks & Autos</i>		700	170	800	571	1,645	188.1%
<i>Property/Liability/Auto Insurance</i>							
Insurance	5450.7	26,100	23,258	26,355	10,776	11,854	10.0%
<i>Total Insurance</i>		26,100	23,258	26,355	10,776	11,854	10.0%
<i>Audit/Financial Expense</i>							
<i>Total Audit</i>	5490.7	29,140	38,212	29,140	31,345	31,380	0.1%
		29,140	38,212	29,140	31,345	31,380	0.1%
<i>Engineering Fees</i>							
<i>Total Engineering Fees</i>	5500.7	10,000	213	10,000	0	40,000	
		10,000	213	10,000	0	40,000	
<i>Attorney Fees</i>							
District Counsel	5510.7	265,000	102,000	265,000	53,762	289,000	437.6%
<i>Total Attorney Fees</i>		265,000	102,000	265,000	53,762	289,000	437.6%
<i>Office Supplies & Service</i>							
Bank Fees	5515.7	100	78	100	64	140	119.5%
Public Outreach & Promotion	5519.7	58,300	13,321	58,300	11,250	59,000	424.4%
Computers & Equipment	5540.7	8,700	11,925	8,700	28,236	25,600	-9.3%

**Administration
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est Yr End 6/30/2025		
Furnishings & Fixtures	5545.7	0	1,307	0	0	1,500	
Office Supplies & Service	5570.7	41,900	12,210	41,900	23,616	15,315	-35.1%
Codification	5555.7	0	3,628	10,000	4,360	20,000	358.7%
<i>Total Office Supplies</i>		109,000	42,467	119,000	67,526	121,555	80.0%
<i>Operating Supplies</i>							
General Supplies	5790.7	1,400	1,691	1,250	1,860	2,500	34.4%
<i>Total Operating Supplies</i>		1,400	1,691	1,250	1,860	2,500	34.4%
<i>Contractual Services</i>							
Network Administration	5830.7	23,445	15,784	23,445	25,959	23,500	-9.5%
Website Maintenance	5835.7	11,200	11,464	11,200	15,766	11,200	-29.0%
Alarm Systems	5880.7	2,100	2,231	2,100	2,910	2,100	-27.8%
HR consulting	5885.7	13,400	28,671	93,400	32,022	45,080	40.8%
Janitorial Service	5900.7	0	10,997	10,100	10,284	10,100	-1.8%
Copier Service	5910.7	4,700	6,457	4,700	6,597	8,000	21.3%
Actuarial Service	5920.7	10,300	11,087	10,300	10,500	13,600	29.5%
Payroll Processing	5950.7	9,750	8,980	9,750	10,202	9,360	-8.3%
Data Processing- County	5970.7	29,000	22,771	29,000	300	29,000	9566.7%
Landscape Maintenance	5980.7	2,000	2,398	2,400	1,690	52,400	3001.2%
Source Control	6025.7	0	15,600	60,000	9,828	0	-100.0%
Temp Services		0	5,915	10,000	8,300	10,000	20.5%
<i>Total Contractual Services</i>		105,895	142,355	266,395	134,356	214,340	59.5%
<i>Buildings</i>							
Buildings	6320.7	10,000	37,624	10,000	8,398	70,000	733.5%
<i>Total Repairs & Maintenance</i>		10,000	37,624	10,000	8,398	70,000	733.5%
<i>Utilities</i>							
Electricity	6358.7	8,700	8,963	9,710	8,933	9,400	5.2%
Natural Gas	6360.7	3,800	3,599	4,055	3,371	4,055	20.3%

**Administration
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est Yr End 6/30/2025		
Water	6380.7	3,100	5,350	4,635	3,497	4,635	32.6%
Garbage	6385.7	800	1,021	1,240	1,440	1,240	-13.9%
<i>Total Utilities</i>		16,400	18,933	19,640	17,240	19,330	12.1%
<i>Telephone</i>							
Fixed Costs	6392.7	5,600	5,698	5,975	5,538	6,000	8.3%
Cellular Phones	6393.7	2,300	1,098	2,185	2,152	2,500	16.2%
<i>Total Telephone</i>		7,900	6,796	8,160	7,690	8,500	10.5%
<i>Travel & Training</i>							
Employee Training	6420.7	4,000	6,876	4,100	6,703	4,100	-38.8%
Conferences	6430.7	5,000	875	5,000	1,198	5,000	317.3%
Business meetings	6440.7	1,700	1,242	1,350	1,441	1,350	-6.3%
<i>Total Travel & Meetings</i>		10,700	8,993	10,450	9,343	10,450	11.8%
<i>Membership/Subscriptions</i>							
LAFCO Admin Fee	6520.7	33,000	24,815	32,000	22,482	25,000	11.2%
Employee Certification & Memberships	6550.7	27,000	30,877	27,000	43,092	27,000	-37.3%
Subscriptions/Publications	6640.7	700	76	700	378	700	85.4%
<i>Total Membership/Subscrip.</i>		60,700	55,767	59,700	65,951	52,700	-20.1%
<i>Other Expenses</i>							
Recruiting		0	25,134	0	0	0	
PPE & Safety Supplies	6750.7	1,400	1,884	1,400	2,859	1,400	-51.0%
Legal Notices	8920.7	1,000	734	700	555	700	26.1%
Rate Payer Claims	8930.7	4,200	0	0	0	0	
CAWD Newsletter	8940.7	38,000	30,486	39,312	42,000	43,230	2.9%
Contingency - Salary Study	8980.7	0	0	0	0	50,000	
<i>Total Other Expense</i>		44,600	58,238	41,412	45,414	95,330	109.9%

**Administration
Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Est Yr End 6/30/2025		
<i>CAWD Subtotal</i>		1,779,459	1,475,669	1,801,448	1,232,822	1,749,657	41.9%
Reclamation		(83,624)	(89,883)	(64,162)	(44,206)	(70,700)	59.9%
<i>Final Subtotal</i>		1,695,835	1,385,786	1,737,286	1,188,616	1,678,957	41.3%
Depreciation Expense	8997.7	34,000	25,489	34,000	34,000	34,000	0.0%
Total Operating Expense		1,729,835	1,411,275	1,771,286	1,222,616	1,712,957	40.1%

**Administration
Workpaper
Notes**

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries						
Salaries	5030.7	COLA for Oct 2024 San Francisco-Oakland-Hayward 2.4%;		545,762	1	\$545,762
Salaries	5030.7	Exec Assist overtime allowed in lieu of additional hire		10,000	1	\$10,000
						\$0
Employee Benefits						
Medical Insurance - Premium	5070.7	Medical insurance - assume 7% district		45,162	1	\$45,162
CalPERS retirement	5080.7	CalPERS assume 2024 actuarial report		51,231	1	\$51,231
SAM	5090.7	SAM assume 5 yr actuary report		0	1	\$0
Workers Compensation	5100.7	Worker Compensation - experience mod increase .12 to 132		2,472	1	\$2,472
Life Insurance	5110.7	Life Insurance no change		300	1	\$300
Section 115						\$0
PEHP	5120.7	PEHP dependent upon salary 1.25%		6,760	1	\$6,760
Dental Insurance/Claims	5130.7	Dental Insurance claims based on 5 year average		8,700	1	\$8,700
Vision Insurance	5140.7	3 employees - 12 months		24	36	\$864
Long Term Disability	5150.7	Equitable Financial Assist - \$58.65/employee per month		2150	1	\$2,150
HSA Contributions	5160.7	Depending upon health insurance plan				\$0
Employee Assistance Program	5180.7					\$0
Employee Awards	5185.7	Award Trmt & Collections				\$0
Annual District Picnic	5186.7	Assume \$4,000 distributed across departments				\$0
Medical Exams	5200.7					\$0
Directors Fees						
Regular Board Meetings	5230.7	CAWD board meetings	# mtgs	\$9,600.00	1	\$9,600
PBCSD Director's Fees	5240.7	PBCSD board meetings	# mtgs	\$1,400.00	1	\$1,400
Special Board Meetings	5250.7	Special board meetings	# mtgs	\$7,600.00	1	\$7,600
Committee Meetings	5260.7	Committee meetings	# mtgs	3,000	1	\$3,000
		Ad Hoc Committee meetings	# mtgs			\$0
					Total	\$3,000
Special District Assoc	5265.7	Attendance at outside agency meetings	# mtgs	\$1,200.00	1	\$1,200
Training & Strategic Planning	5275.7	Strategic planning to set metrics and goals	# mtgs	\$20,000.00	1	\$20,000
Director's Dental Claims	5280.7	Dental Insurance claims based on 5 year average	5 yr avg claims	\$6,500.00	1	\$6,500
Trucks & Autos						
Gasoline	5310.7	Hyundai- increased due to more travel	Gallons	\$5.10	250	\$1,275
Outside Repair Services	5345.7	Smog due 2026	Each	\$70.00	1	\$70
Repair Parts	5350.7	Maintenance- Oil, Filters	Total	\$300.00	1	\$300
Insurance						

Insurance	5450.7	General Liability	CSRMA advised +10%			\$0
		Errors & Omissions (Fiduciary)	CSRMA advised +10%			\$0
		Commercial Crime Policy	CSRMA advised +10%			\$0
		Property Insurance	CSRMA advised +10%			\$0
		Vehicle	CSRMA advised +10%			\$0
		Cyber Crime Insurance	CSRMA advised +10%			\$0
						Total
Audit/Financial Expense	5490.7	Audit plus GASB 84	RFP	\$31,380.00	1	\$31,380
Engineering Fees	5500.7	Bridge PR		\$40,000.00	1	\$40,000
Attorney Fees						
District Counsel	5510.7	District Counsel	per hour	\$325.00	750	\$243,750
		Special Counsel - CRFree, Pescadero, Carmel Meadows	per hour	\$45,250.00	1	\$45,250
					36330bjb	\$289,000
Office Supplies & Service						
Bank Fees	5515.7	Bank Fees	Total	\$35.00	4	\$140
Public Outreach & Promotion	5519.7	ZOOM	Annual	\$500.00	1	\$500
		Xmas pointsettias	One time	\$162.00	1	\$162
		Public Outreach Consultant	Annual	\$58,300.00	1	\$58,300
		Virtual Tours	Annual	\$0.00	0	\$0
					Total	\$59,000
Computers & Equipment	5540.7	PC replacement 2 PCs and 1 laptop	Computer	\$3,000.00	3	\$9,000
		Sage Accounting Software plus 5%	Annual	\$4,954.56	1	\$4,955
		Sage Fixed Asset Software plus 5%	Annual	\$2,600.00	1	\$2,600
		Uattend - timeclock program	Annual	\$352.32	1	\$352
		Lilypad	Annual	\$4,595.00	1	\$4,595
		Exceedio	Annual	\$2,766.00	1	\$2,766
		Dropbox	Annual	\$120.00	1	\$120
		Adobe	Monthly	\$100.00	12	\$1,200
					Total	\$25,600
Furnishings & Fixtures	5545.7	Chairs - board room	each	\$300.00	5	\$1,500
						\$0
						\$0
					Total	\$1,500
Office Supplies & Service	5570.7	Paper & Printing	box	\$35.00	100	\$3,500
		District Codifications	Annual	\$6,000.00	1	\$6,000

**Admin Notes
Budget 2025-26**

Total Page Count 95

		Postage & Shipping		\$2,000.00	1	\$2,000
		Post Office Box Rental plus 5%	Annual	\$315.00	1	\$315
		Temp Services	Hours			\$0
		Misc office supplies		\$3,500.00	1	\$3,500
					Total	\$15,315
Codification	5555.7					\$0
Operating Supplies						
General Supplies	5790.7	Outreach give-aways (i.e. poo stress, flyers, etc)		\$1,500.00	1	\$0
Contractual Services						
Network Administration	5830.7	Exceedio - managed services = 10%	Annual	\$10,770.10	1	\$10,770
		Exceedio - Server warranty - 5%	Annual	\$2,386.65	1	\$2,387
		GotNet	Monthly	\$5.00	12	\$60
		Misc				\$0
						\$0
					Total	\$13,217
Website Maintenance	5835.7	Streamline Website Service	Month	\$500.00	12	\$6,000
		Monsidio (Civic Plus)	Annual	\$5,500.00	1	\$5,500
						\$11,500
Alarm Systems	5880.7	First Alarm	Qtrly	\$565.00	4	\$2,300
HR consulting	5885.7	Annual HR consulting fees (4 staff)	annual	\$10,080.00	1	\$10,080
		Executive coaching	4-5 mos			\$0
		Staffing analysis	single time	\$35,000.00	1	\$35,000
		Salary analysis	single time	\$35,000.00	1	\$35,000
					Total	\$45,080
Janitorial Service	5900.7	Firato Janitorial Service	Monthly	\$675.00	12	\$8,100
		Monterey Bay Window Cleaning	Annual	\$1,420.00	1	\$1,420
		Carpet Cleaning	Annual			\$0
						\$9,520
Copier Service	5910.7	MBS Business Systems - copier	Quarterly	\$2,000.00	4	\$8,000
		Faxage	Monthly			\$0
						\$8,000
Actuarial Service	5920.7	Nicolay Consulting (Annual funding, EE stmts)	Annual	\$10,500.00	1	\$10,500
		Nicolay Consultinag (GASB 68)	Annual	\$1,500.00	1	\$1,500
		Foster & Foster - CalPERS GASB 68	Annual	\$1,600.00	1	\$1,600
						\$13,600

**Admin Notes
Budget 2025-26**

Total Page Count 96

Payroll Processing	5950.7	Uattend	Monthly	\$30.00	12	\$360
		ADP (bi-weekly plus year end = 27)	Bi-weekly	\$750.00	12	\$9,000
						\$9,360
Data Processing- County	5970.7	County of Monterey (25,476 in 2022 plus 2%)(Rate data \$20	Annual	\$25,985.52	1	\$26,000
Landscape Maintenance	5980.7	Admin landscaping & fire "hardening" project at Rio Road	Total	\$52,400.00	1	\$52,400
Source Control	6025.7		Total			\$0
Temp Services			Total			\$0
Repairs & Maintenance						
Buildings	6320.7	Furnace unit A	Total	\$10,000.00	1	\$10,000
		Safety consult & improvements on 3945 Rio Road	Total	\$60,000.00	1	\$60,000
					Total	\$70,000
Utilities						
Electricity	6358.7	Electrical 5% increase; Average 1980 kWh/month	Annual	\$8,797.00	1	\$8,797
Natural Gas	6360.7	Average 105 therms/mo	Annual	\$4,055.00	1	\$4,055
Water	6380.7	Average 2495 gallons/month	Annual	\$4,635.00	1	\$4,635
Garbage	6385.7					\$0
Telephone						
Fixed Costs	6392.7					\$0
Cellular Phones	6393.7					\$0
Travel & Training						
Employee Training	6420.7	Board clerk training				\$0
Conferences	6430.7	CASA bi-annual, CSDA bi-annual				\$0
Business meetings	6440.7					\$0
Membership & Subscription						
LAFCO Admin Fee	6520.7	LAFCO- increased due to LAFCO litigation raising fees	Annual	\$25,000.00	1	\$25,000
Employee Certification & Memberships	6550.7	CASA		\$0.00	0	\$0
		ASCE		\$0.00	0	\$0
		WEF		\$0.00	0	\$0
		CSDA		\$0.00	0	\$0
		WateReuse Association		\$0.00	0	\$0
		GFOA		\$0.00	0	\$0
		Water Awareness Committee		\$0.00	0	\$0
		Calif Chamber of Commerce		\$0.00	0	\$0
					Total	\$0
Subscriptions/Publications	6640.7	ENR & other misc journals		\$700.00	1	\$700
				\$0.00	0	\$0

Admin Notes
Budget 2025-26

			\$0.00	0	\$0
			\$0.00	0	\$0
			\$0.00	0	\$0
				Total	\$700
Other Expenses					
Recruiting	0				\$0
PPE & Safety Supplies	6750.7	Fire extinguisher service	\$500.00	1	\$500
		Masks, first aid supplies	\$1,200.00	1	\$1,200
		Hardhats, safety glassess, hearing protection, raingear			\$0
					\$0
					\$0
				Total	\$1,700
Legal Notices					
Legal Notices	8920.7				\$0
Rate Payer Claims	8930.7	Increased due to updated policy with no time limit. 3 yr avg			\$0
CAWD Newsletter	8940.7	Anne Muraski, Postage, Mailing house		2 issues	\$43,230.00
Contingency - Salary Study	8980.7	Potential salary study	\$50,000.00	1	\$50,000

Reclamation

**Carmel Area Wastewater District
Reclamation: Operations Budget 2025-26**

Description	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
	Budget	Actual	Budget	Yr End 11/30/2024		
Plant Salaries, Benefits & OH						
Plant Superintendent	18,031	23,280	24,230	8,970	24,300	170.9%
Laboratory Supervisor	26,469	44,091	45,975	32,494	46,000	41.6%
Laboratory Technician	74,833	38,934	35,535	31,133	36,000	15.6%
Plant Operators	205,743	194,785	204,670	96,258	205,700	113.7%
Maintenance Supervisor	17,678	13,477	13,365	7,217	14,000	94.0%
Maintenance Mechanics	26,587	26,759	25,995	8,971	27,000	201.0%
Safety Officer	14,163	10,789	11,590	5,351	12,500	133.6%
Differential	19,247	17,489	18,670	7,529	19,700	161.6%
Payroll Taxes, Benefits, & OH	201,375	184,802	190,015	98,962	192,600	94.6%
<i>subtotal</i>	604,126	554,407	570,045	296,885	577,800	94.6%
Administrative Salaries						
General Manager	1,078	908	1,060	113	1,100	869.5%
Project Accountant	13,283	11,460	11,100	6,285	11,100	76.6%
Engineering	14,032	21,648	6,345	12,495	12,000	-4.0%
Admin. Svcs/Scanner	12,523	25,439	23,570	10,577	22,000	108.0%
Payroll Taxes, Benefits, & OH	20,458	29,728	21,037	14,735	23,100	56.8%
<i>subtotal</i>	61,374	89,183	63,112	44,206	69,300	56.8%
Directors Fees	1,050	700	1,050	0	1,400	
Insurance	21,200	0	0	0	0	
Operating Supplies/Services	9,010	1,694	1,200	2,673	1,200	-55.1%
Contract Services	0	1,147	1,200	770	1,200	55.8%
Repairs & Maintenance	4,558	930	5,000	1,402	5,000	256.7%
Utilities	0	0	0	0	0	
Safety	1,590	352	500	0	500	
Total Reimbursable Reclamation	702,908	648,414	642,107	345,935	656,400	-1.0%

Project Expenditures

Note: CAWD salary adjustment March 2024 = 4.5% and on July 1, 2024 = 2.8%

Brine Disposal

**Carmel Area Wastewater District
Brine Disposal: Operations Budget 2025-26**

Description	Account	FY 23-24		FY 24-25		FY 25-26 Budget	% Chg. Prior Yr. Actual
		Budget	Actual	Budget	Yr End 11/30/2024		
Salaries & Payroll Taxes							
Salaries	5030.10	1500	0	500	0	500	
Overtime	5035.10	300	0	0	0	0	
Payroll taxes	5045.10	138	0	0	0	0	
<i>subtotal</i>		1,938	0	500	0	500	
Operating Supplies							
General supplies	5790.10	0	0	150	0	150	
<i>subtotal</i>		0	0	150	0	150	
Repairs & Maintenance							
General Repairs	6095.10	4,000	4,216	4,000	0	3,500	
<i>subtotal</i>		4,000	4,216	4,000	0	3,500	
Lab Services							
Lab Services		0	0	0	0	0	
<i>subtotal</i>		0	0	0	0	0	
Subtotal Operating Expense		5,938	4,216	4,650	0	4,150	
Depreciation Expense		0	0	0	0	0	
Total Operating Expense		5,938	4,216	4,650	0	4,150	

Brine Disposal Workpaper Notes

Brine Notes
Budget 2025-26

Description	GL	Item Description	Unit Type	Unit Cost	Units	Total
Salaries & Payroll taxes						\$0
		COLA adjustment July 2024 = 2.4%				\$0
						\$0
General supplies	5790.10	Glue, fittings, hoses, pipe fittings	Total			\$0
						\$0
					Total	\$0
General Repairs	6095.10	Pumps, valves	Total			\$0
						\$0
					Total	\$0

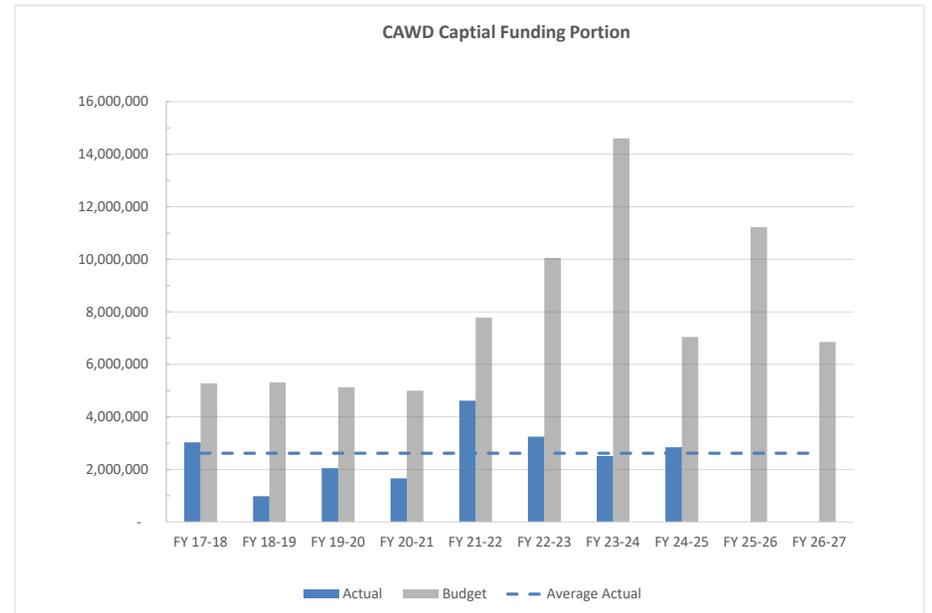
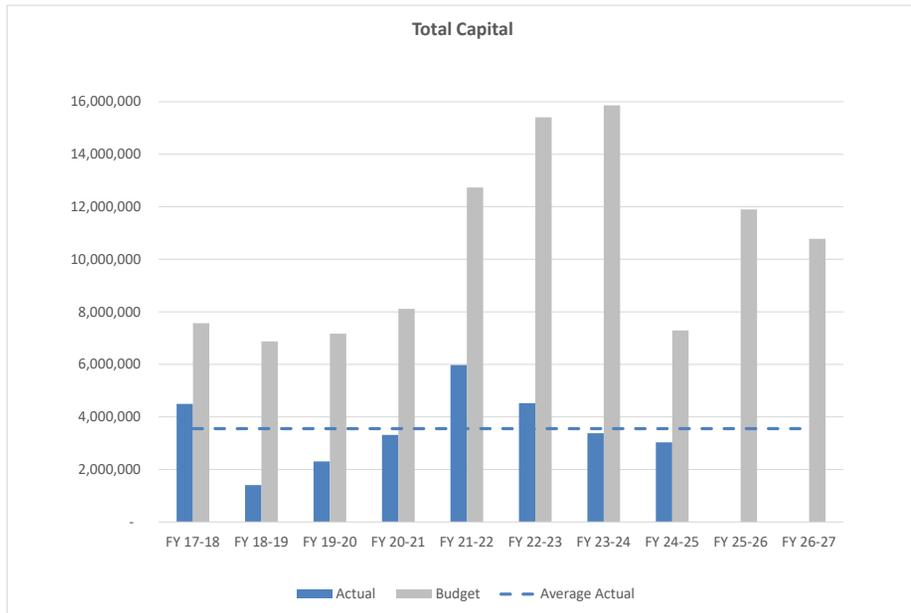
Capital Budget Summary

Carmel Area Wastewater District
Capital Budget Summary 2025-26

ITEM	ALLOCATION					Totals
	Admin	Collection	Treatment	PBCSD	Reclamation	
CIP Projects for Administration	120,000					120,000
CIP Projects for Collection System		10,175,000				10,175,000
CIP Long Term Capital Plan for Treatment & Disposal			645,670	319,330	0	965,000
Total CIP	120,000	10,175,000	645,670	319,330	0	11,260,000
Capital Equipment - Administration						0
Capital Equipment - Collections		328,000				328,000
Capital Equipment - Treatment			626,980	313,020	40,000	980,000
Total Capital Outlay	0	328,000	626,980	313,020	40,000	1,308,000
Grant Funding						0
Total CIP & Capital Outlay 23-24	120,000	10,503,000	1,272,650	632,350	40,000	12,568,000

Capital Summary

ITEM	FY 17-18	FY 17-18	FY 18-19	FY 18-19	FY 19-20	FY19-20	FY 20-21	FY20-21	FY 21-22	FY21-22	FY 22-23	FY 22-23	FY 23-24	FY 23-24	FY 24-25	FY 24-25	FY 25-26	FY 26-27
	Actual	Budget	Actual	Budget	Actual	Budget	Projected	Budget	Budget	Budget								
CIP Projects - Collections	521,913	1,270,000	147,626	2,210,000	956,837	3,725,000	2,113,606	4,052,416	2,387,191	4,060,000	832,917	6,430,000	729,239	11,630,090	1,175,000	5,450,000	10,175,000	5,100,000
CIP Projects - Treatment and Disposal	3,620,746	6,084,001	1,153,765	4,429,333	756,707	3,000,396	904,702	3,692,000	3,589,568	8,619,000	3,573,242	8,900,750	2,108,644	3,921,500	800,000	1,050,000	645,670	4,810,000
CIP Projects - Administration		30,000					62,824	75,000	0	44,291							120,000	
Total Capital Improvement Projects	4,142,659	7,384,001	1,301,391	6,639,333	1,713,544	6,725,396	3,081,132	7,819,416	5,976,759	12,723,291	4,406,159	15,330,750	2,837,883	15,551,590	1,975,000	6,500,000	10,940,670	9,910,000
Capital Equipment - Collections	28,274	90,000	12,554	-	554,098	410,000	150,894	160,000			55,504	72,500	369,435	241,000	800,000	590,000	328,000	575,000
Capital Equipment - Treatment and Disposal	301,941	89,010	75,820	233,000	40,561	17,800	83,081	134,965		13,500	48,998	0	169,344	57,000	200,000	163,000	626,980	273,000
Capital Equipment - Administration	23,875	7,000	16,735	-		14,000					11,149	0	0	13,500	55,000	78,000	0	20,000
Capital Equipment	354,090	186,010	105,109	233,000	594,659	441,800	233,975	294,965	-	13,500	115,651	72,500	538,779	311,500	1,055,000	790,000	954,980	868,000
Total Capital	4,496,749	7,570,011	1,406,500	6,872,333	2,308,203	7,167,196	3,315,107	8,114,381	5,976,759	12,736,791	4,521,810	15,403,250	3,376,662	15,863,090	3,030,000	7,290,000	11,895,650	10,778,000
Grant Funding						1,000,000	1,570,442	1,733,029	105,839	2,950,000	29,946	3,500,000	35,624	0	0	0	0	3,500,000
PBCSD Share	1,076,427	1,923,083	364,206	1,541,859	247,556	978,779	64,124	1,221,278	1,115,643	1,798,785	1,150,049	1,721,324	713,520	1,148,011	112,000	198,635	632,350	424,325
Reclamation Share	391,464	375,478	61,148	14,830	14,038	61,121	16,495	163,133	136,801	206,750	93,149	126,110	115,072	114,521	74,660	51,300	40,000	0
CAWD Capital Funding	3,028,858	5,271,450	981,146	5,315,644	2,046,609	5,127,296	1,664,046	4,996,942	4,618,476	7,781,256	3,248,666	10,055,816	2,512,446	14,600,558	2,843,340	7,040,065	11,223,300	6,853,675



Collections Capital Equipment

CAWD Collections Dept - Capital Equipment

FY 2025/26 thru 2029/30

Project #	PROJECT	Estimated Prior Spent thru 24/25	25/26	26/27	27/28	28/29	29/30	Unscheduled
1	Skid Mounted Easement Machine Jetter		\$ 120,000					
2	Portable by-pass pump		\$ 110,000					
3	Portable Generator		\$ 98,000					
4	Replace CCTV Van ZEV			\$ 575,000				
5	Replace Generator at 8th & Scenic PS				\$ 105,000			
6	Replace Generator at Calle La Cruz PS				\$ 120,000			
7	Replace Generator at Highlands PS					\$ 120,000		
8	Replace Vac-con						\$ 700,000	
	TREATMENT & DISPOSAL TOTAL		\$ 328,000	\$ 575,000	\$ 225,000	\$ 120,000	\$ 700,000	
	RECLAMATION SHARE		\$ -	\$ -	\$ -	\$ -	\$ -	
	PBCSD SHARE		\$ -	\$ -	\$ -	\$ -	\$ -	
	CAWD COST		\$ 328,000	\$ 575,000	\$ 225,000	\$ 120,000	\$ 700,000	

1 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Lauer
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Lif 20 years
Est Residual Life:
% Consumed Life:
Category: Capital Equipment
Urgency: 2 = Very Important
Carry Forward: No

Project Name: Skid Mounted Easement Machine Jeter
Dept: Collections
Total Cost: \$ 120,000
CY Budget
GL Account:

Asset Description

Procurement of a high pressure hydraulic easement sewer line cleaning machine. The Jeter will be mounted on a skid that will be loaded into a 4X4 pickup and driven into a remote sewer easement for maintenance line cleaning. The skid will include 3/8" reel and hose, water tank and hydraulic pump and motor.

Year Built:
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: Moderate Deterioration

Justification

The Collection department is in need of a portable easement sewer line cleaning machine. This skid mounted machine will allow the staff to clean hard to access sewer lines safely. Currently, staff drags sewer hose from the large cleaning equipment into the remote easements for maintenance cleaning. The portable skid mounted Jeter will effectivity clean sewer line 3" to 6" in diameter and can be used at the treatment plant to clean small drain lines that staff would normally contract out.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies		\$ 120,000					\$	120,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 120,000	\$ -	\$ 120,000				

2 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Lauer
Area: Pump Station
Asset Type: Pump Station
Avg Useful Lif 20 years
Est Residual Life:
% Consumed Life:
Category: Capital Equipment
Urgency: 3 = Important
Carry Forward: No

Project Name: Portable by-pass pump
Dept: Collections
Total Cost: \$ 110,000
CY Budget
GL Account:

Asset Description

Procurement of a high head portable bypass pump for use during emergency at various pump stations and the Treatment plant. The by-pass pump will be an enclosed portable, dry priming high pressure model capable of by-pass all pump stations. The motor will be tier 4, meeting air board compliance.

Year Built:
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: Moderate Deterioration

Justification

The Collections department has smaller 2" trash pumps used to by pass from manhole to manhole which can be used at small pump stations. The current method of bypassing at the pump stations in the event of a catastrophic event (electrical panels failures or multiple pump failures) is to haul sewage using the vacon or pumper trucks to down stream gravity discharge point.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies		\$ 110,000						\$ 110,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total		\$ 110,000			\$ -	\$ -	\$ -	\$ 110,000

3 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Lauer
Area: Pump Station
Asset Type: Pump Station
Avg Useful Lif 20 years
Est Residual Life:
% Consumed Life:
Category: Capital Equipment
Urgency: 1 = Critical
Carry Forward: No

Project Name: Portable Generator
Dept: Collections
Total Cost: \$ 95,000
CY Budget \$ 95,000
GL Account:

Asset Description

A three phase 240/480 volt 100KW portable generator used as a back up to the permanent station generators that exist at several of the District's pump stations. This unit is capable of powering all the District pump stations due to its ability to select the desired output rating for each station's needs. The back up portable unit ensures that there is a redundant and seamless transition of power for all of the district assets and our constituents who rely on our service.

Year Built: n/n
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: n/n

Justification

The Onan portable generator, normally deployed to the Monte Verde & 16th pump station, has reached the end of its useful service life. The CAT generator previously purchased for this portable role will become the Monte Verde & 16th generator replacing the Onan unit, therefore opening up the role for the new generator to fill this vacated position. It is imperative to have a back up portable generator for all stations because at any given time, any station generator currently in use could fail to start. Having the back up unit ready to go ensures a seamless transition of power with uninterrupted service for our constituents.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies		\$ 95,000					\$	95,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ 95,000	\$ -	\$ 95,000				

4 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Lauer
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Lif: 10 years
Est Residual Life:
% Consumed L: 10
Category: Capital Equipment
Urgency: 2 = Very Important
Carry Forward: No

Project Name: Replace CCTV Van ZEV
Dept: Collections
Total Cost: \$ 575,000
CY Budget
GL Account:

Asset Description

This IBAK CCTV unit on a Ford E450 chassis serves as the primary CCTV pipeline inspection platform used by staff. This asset allows for real time assessment of pipeline conditions by deploying a small tractor with a camera. It typically has 1000' of cable.

Year Built: n/a
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: n/a

Justification

This unit has reached the later stages of its service life. Throughout its service life it has required a few extensive repairs, in both its mechanical functions and its computer hardware and software. The State of California has a Zero emissions milestone that the District must meet for CARB compliance. Since this vehicle and the equipment are at the end of life cycle the opportunity to replace with a zero emission is the logical decision. Since the purchase of this asset, the technologies have advanced so much that a new comprehensive unit will allow the inspections to be completed in a fraction of the time the traditional inspections would require by using AI (artificial intelligence).

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies			\$ 575,000				\$	575,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ 575,000		\$ -	\$ -	\$ -	\$ 575,000

5 FY 2025-26 Budget
 Carmel Area Wastewater District

Project Name: Replace Generator at 8th & Scenic PS
 Dept: Collections
 Total Cost: \$ 105,000
 CY Budget
 GL Account:

Contact: Lauer
 Area: Pump Station
 Asset Type: Electrical
 Avg Useful Life: 20 years
 Est Residual Life 1 year
 % Consumed Life: 24
 Category: Capital Equipment
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The generator at the 8th & Scenic pump station have been in service since 2004. In the event that the utility power supply goes out, the generator supplies electricity until the power is restored. The station requires 240 volt AC, 60 Hz, 100 Amp, 25 kW, 3 phase power.

Year Built:
 Rehabilitation Date (Extending life of Asset): n/a
 Rehab Life Extension: n/a
 Asset Condition Rating: Moderate Deterioration

Justification

This generator will be 24 years old in 2028 and at the end of their service life. Although still functional, it is recommended they are replaced prior to failure. The generator has been in service for many years and is requiring much more maintenance than in prior years. The block heater has been plagued with issues, the exhaust is worn through the muffler. It is not a quiet generator which generates complaints from neighbors. Parts have become harder to locate and this model has been discontinued. Therefore the investment to replace this necessary component is strongly recommended to bring this system up to par with the systems that are already in service at our other pump stations.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Predictive & Preventative Maintenance
 Non Asset Risk Management

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies				\$ 105,000			\$	105,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ 105,000

6 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Lauer
Area: Pump Station
Asset Type: Electrical
Avg Useful Lif 20 years
Est Residual Li 1 year
% Consumed L 24
Category: Capital Equipment
Urgency: 3 = Important
Carry Forward: No

Project Name: Replace Generator at Calle La Cruz PS
Dept: Collections
Total Cost: \$ 120,000
CY Budget
GL Account:

Asset Description

The generator at the Calle La Cruz pump station have been in service since 2003. In the event that the utility power supply goes out, the generator supplies electricity until the power is restored. The station requires 240 volt AC, 60 Hz, 100 Amp, 25 kW, 3 phase power.

Year Built:
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: Moderate Deterioration

Justification

This generator is 25 years old and at the end of their service life. Although still functional, it is recommended they are replaced prior to failure. The generator has been in service for many years and is requiring much more maintenance than in prior years. The block heater has been plagued with issues, the exhaust is worn through the muffler. It is not a quiet generator which generates complaints from neighbors. Parts have become harder to locate and this model has been discontinued. Therefore the investment to replace this necessary component is strongly recommended to bring this system up to par with the systems that are already in service at our other pump stations. The Calle La Cruz pump station supplies power to Ribera pump Station and receives flow from Point Lobos, Highlands and Ribera pump stations.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other		Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor								\$	-
Engineering								\$	-
Parts & Supplies					\$ 120,000			\$	120,000
Chemicals								\$	-
Utility								\$	-
Other								\$	-
Total		\$	-	\$	-	\$	-	\$	-
									\$ 120,000

7 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Lauer
Area: Pump Station
Asset Type: Electrical
Avg Useful Lif: 20 years
Est Residual Li: 1 year
% Consumed Life:
Category: Capital Equipment
Urgency: 3 = Important
Carry Forward: No

Project Name: Replace Generator at Highlands PS
Dept: Collections
Total Cost: \$ 120,000
CY Budget
GL Account:

Asset Description

The generator at the Highlands pump station have been in service since 2005. In the event that the utility power supply goes out, the generator supplies electricity until the power is restored. The station requires 480 volt AC, 60 Hz, 100 Amp, 70 kW, 3 phase power.

Year Built:
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating: Moderate Deterioration

Justification

This generator is 24 years old and at the end of their service life. Although still functional, it is recommended they are replaced prior to failure. The generator has been in service for many years and is requiring much more maintenance than in prior years. The block heater has been plagued with issues, the exhaust is worn through the muffler. It is not a quiet generator which generates complaints from neighbors. Parts have become harder to locate and this model has been discontinued. Therefore the investment to replace this necessary component is strongly recommended to bring this system up to par with the systems that are already in service at our other pump stations.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies					\$ 120,000			\$ 120,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total		\$ -	\$ -		\$ 120,000	\$ -	\$ -	\$ 120,000

8 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Lauer
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Lif 10 years
Est Residual Li 1 year
% Consumed L 1
Category: Capital Equipment
Urgency: 1 = Critical
Carry Forward: No

Project Name: Replace Vac-con
Dept: Collections
Total Cost: \$ 700,000
CY Budget
GL Account:

Asset Description

Replacement of Unit #4, 2008 Vaccon Combination Hydro Cleaning - Vacuum truck: Unit #4 currently serves as the District's primary hydro cleaning and SSO response vehicle. It's 3/4 inch hose has a smaller diameter allowing a longer hose section to be used (800 ft.), greatly increasing our reach into easements. The truck's ability to vacuum up areas affected by SSO's greatly increases our containment and mitigation efforts. The truck's vacuum and water pressure capabilities also allow us to use it as a hydro excavator. This process enables us to dig down to affected pipe lines to be repaired or for exploratory "potholes" to investigate the location of assets without damaging other known or unknown structures or utilities within the work zone. It has 800 gallons of usable water storage and 5 cubic yards of removed liquid and debris capacity with decanting capabilities.

Year Built: 2019
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: n/a
Asset Condition Rating:

Justification

This vehicle has over 10 years of service and over 10,000 hours of run time. This vehicle is a purpose built machine with lots of mechanical parts and computerized controls. With the frequent and heavy duty use it endures, the cost of servicing and repairing of this unit continues to increase the older this unit get's. This unit had the top end of the engine rebuilt in January 2015 and in 2018 the unit had transmission problems. The auxiliary motor that supplies the water pressure for pipeline service continues to experience many electrical issues due to shorts in wiring and faulty computers. For the District to be able to continue its level of service and rapid response this vehicle need to be reliable and ready to use at anytime. This vehicle is also utilized for emergency spill clean up for the City of Carmel, storm drain cleaning and when called upon by the Fire Departments. The unit is at the end of it's useful life and needs to be replaced to provide a reliable level of service for emergency response.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies						\$ 700,000		\$ 700,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total		\$ -	\$ -		\$ -	\$ 700,000	\$ -	\$ 700,000

Collections Capital Projects

CAWD Collections Dept - CIP FY 2025-26 thru 2039-40

Item #	Project #	PROJECT	Estimated Prior Spent thru 24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39	39/40	Unscheduled	Total
1	19-03	Carmel Meadows Pipeline	\$ 900,000	\$ 300,000	\$ 400,000	\$ 3,000,000														\$ 4,600,000
2	20-08	Scenic Pipe Bursting- Ocean to Bay Plus Monte Verde Area	\$ 675,000	\$ 4,575,000	\$ 1,000,000															\$ 6,250,000
3	21-05	Carmel Woods and Pescadero Creek Area Pipe Relocation	\$ 800,000	\$ 200,000	\$ 2,000,000	\$ 3,000,000														\$ 6,000,000
4	20-07	Bay/Scenic PS Rehabilitation	\$ 200,000	\$ 150,000	\$ 150,000	\$ 1,000,000														\$ 1,500,000
5	23-01	Santa Rita & Guadalupe Pipeline Rehab	\$ 450,000	\$ 4,550,000																\$ 5,000,000
6		Santa Fe and 6th Avenues Sewer Rehab			\$ 150,000	\$ 150,000	\$ 1,500,000													\$ 1,800,000
7		Carpenter - Valley Way to 5th Avenue			\$ 150,000	\$ 150,000	\$ 1,500,000													\$ 1,800,000
8		Mission Street Sewer Rehab from 7th to 3rd					\$ 170,000	\$ 810,000												\$ 980,000
9		Sewer Rehab -Torres/Flander/Acacia					\$ 180,000	\$ 870,000												\$ 1,050,000
10		Del Mesa Sewer Rehab #1					\$ 180,000	\$ 980,000												\$ 1,160,000
11		Canada/Segundo/Rio Vista Area Sewer Replacement						\$ 300,000	\$ 1,070,000											\$ 1,370,000
12		Rio Road Pipeline replacement/Taylor/Ladera						\$ 200,000	\$ 1,000,000											\$ 1,200,000
13		11th Ave from Junipero to Rio Road						\$ 160,000	\$ 800,000											\$ 960,000
14		Del Mesa Sewer Rehab #2							\$ 300,000	\$ 1,460,000										\$ 1,760,000
15		Junipero School Area Sewer Replacement							\$ 340,000	\$ 1,660,000										\$ 2,000,000
16		Mission Fields Area Pipe Replacement							\$ 200,000	\$ 280,000	\$ 2,400,000									\$ 2,880,000
17		Monte Verde Pump Station and Sewer Rehab								\$ 300,000	\$ 1,070,000									\$ 1,370,000
18		Taylor Road Area Sewer Replacement								\$ 200,000	\$ 270,000	\$ 2,350,000								\$ 2,820,000
19		Upper Canada Ct/Outlook Sewer Rehab										\$ 240,000	\$ 1,170,000							\$ 1,410,000
20		Upper/Lower Trail Pipe Rehab										\$ 250,000	\$ 1,230,000							\$ 1,480,000
21		Monterey Street Sewer Replacement										\$ 130,000	\$ 630,000							\$ 760,000
22		Calle la Cruz Pump Station Relocation										\$ 400,000	\$ 550,000	\$ 3,550,000						\$ 4,500,000
23		N Mesa Drive Sewer Replacement										\$ 210,000	\$ 1,040,000							\$ 1,250,000
24		Highlands Inn Pump Station and Forced Main Rehab										\$ 350,000	\$ 200,000	\$ 2,000,000						\$ 2,550,000
25		Hacienda Pump Station Rehab											\$ 150,000	\$ 450,000						\$ 600,000
26		Hatton Road Area Sewer Rehab											\$ 270,000	\$ 1,340,000						\$ 1,610,000
27		Lincoln - 1st Avenue to Ocean											\$ 150,000	\$ 680,000						\$ 830,000
28		Pico/Camino Del Monte/Santa Fe												\$ 150,000	\$ 600,000					\$ 750,000
29		Del Mesa Sewer Rehab #3												\$ 250,000	\$ 1,140,000					\$ 1,390,000
30		San Carlos Sewer Replacement												\$ 130,000	\$ 460,000					\$ 590,000
31		Carmel Meadows/Cuesta Way Sewer Replacement													\$ 130,000	\$ 530,000				\$ 660,000
32		Upper Carmel Knolls Area Sewer Rehab													\$ 300,000	\$ 1,690,000				\$ 1,990,000
33		Cabrillo Hwy/Ocean Avenue Sewer Replacement													\$ 200,000	\$ 1,000,000				\$ 1,200,000
34		Lower Carmel Knolls Sewer Replacement																\$ 200,000	\$ 950,000	\$ 1,150,000
35		Arroyo Carmel Sewer Rehab																\$ 250,000	\$ 780,000	\$ 1,030,000
36		Doolittle Trail Sewer Replacement																\$ 550,000	\$ 2,030,000	\$ 2,580,000
37		Upsize Lower Rancho Canada Pipeline																	\$ 200,000	\$ 200,000
38		Annual Spot Repairs	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,400,000
39		Annual Manhole Repairs	\$ 10,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,210,000
		Collections TOTAL	\$3,235,000	\$10,175,000	\$4,250,000	\$7,700,000	\$3,930,000	\$3,720,000	\$4,110,000	\$4,300,000	\$4,140,000	\$3,770,000	\$4,540,000	\$5,340,000	\$3,420,000	\$3,530,000	\$3,030,000	\$4,090,000	\$4,360,000	\$77,640,000
		FEMA Grant Funding																		
		PBCSD Share																		
		CAWD COST	\$3,235,000	\$10,175,000	\$4,250,000	\$7,700,000	\$3,930,000	\$3,720,000	\$4,110,000	\$4,300,000	\$4,140,000	\$3,770,000	\$4,540,000	\$5,340,000	\$3,420,000	\$3,530,000	\$3,030,000	\$4,090,000	\$4,360,000	\$77,640,000

Process of Evaluation of Priority for Project

1. Near Water Body?
2. PACP>5
3. Overall Structural PACP>5?
4. Holes Noted in Sewer Inspection
5. PACP>4?
6. Overall Structural PACP>4?

PACP Code Definition

- 5: Pipe has failed or will likely fail within 5 years
- 4: Pipe will probaly fail in 5-10 years
- 3: Pipe may fail in 10-20 years
- 2: Pipe unlikely to fail for at least 20 years
- 1: Failure unlikely in foreseeable future

1 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Project Name: Carmel Meadows Pipeline
 Dept.: Collections
 Project Number 19-03
 Total Cap Projection: \$ 2,547,500
 CY Budget \$ 300,000
 GL Account: 1586.00

Pipe Material Ductile Iron and VCP pipes
 Pipe Diameter 6 inch
 Year Built: 1962
 Asset Condition Rating: PACP Defect =5
 Structural Index>4
 Within 200' of Waterway

Asset Description

The project will replace 1,300 feet of Ductile Iron Pipe (DIP) on an aerial span and eight manholes by constructing a small pump station at the end of Mariposa Court. This project is located on an easement parallel to Ribera Road as shown below in red.



Justification

Aerial Pipeline in poor condition along Lagoon within 200 feet of a water body. Structural supports of pipeline are in poor condition. Video inspection of buried pipe found the pipeline to be in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Engineering/Environmental	\$900,000	\$ 300,000.00	\$ 400,000				\$ 1,600,000
Construction				\$ 3,000,000			\$ 3,000,000
Inspections							\$ -
Other							\$ -
Total	\$900,000	\$ 300,000	\$ 400,000	\$ 3,000,000	\$ -	\$ -	\$ 4,600,000

2 **FY 2025-26 Budget**
 Carmel Area Wastewater District

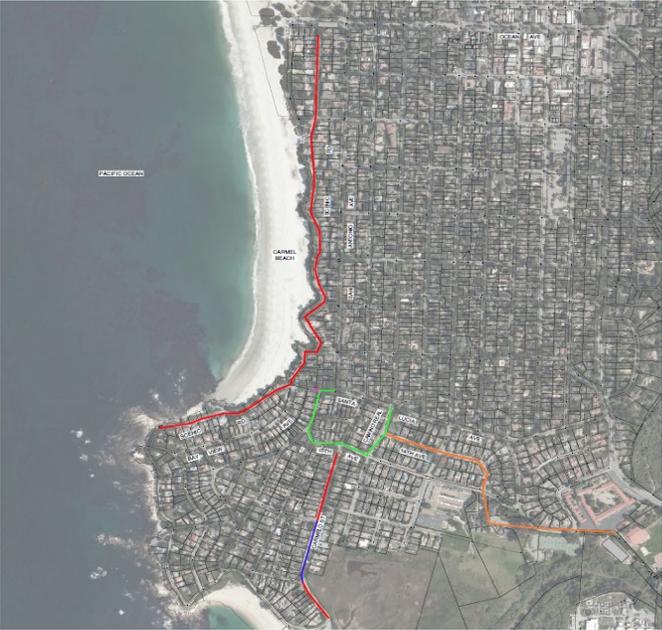
Contact: Treanor
 Area Sewer Lines

Project Name: Scenic Pipe Bursting- Ocean to Bay Plus Monte Verde Area
 Dept.: Collections
 Project Number 20-08
 Total Cap Projection: \$ 3,880,000
 CY Budget \$ 5,250,000
 GL Account: 1635.00

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect =4
 Structural Index >4
 Within 200' of Waterway

Asset Description

Replace approximately 10,985 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline is located within 200 feet of a water body with multiple cracks and fractures. The pipeline is undersized for the flow conditions.

Funding Source

Primary	Capital Reserves	Secondary					
Budget Impact/Other							
	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction		\$ 3,000,000	\$ 1,000,000				\$4,000,000
Engineering/Environmental	\$ 675,000	\$ 200,000					\$875,000
Construction Inspection		\$ 375,000					\$375,000
							\$0
Other							\$0
Total		\$ 3,575,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 5,250,000

\$ 675,000	\$ 4,575,000	\$ 1,000,000
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3 FY 2025-26 Budget
Carmel Area Wastewater District

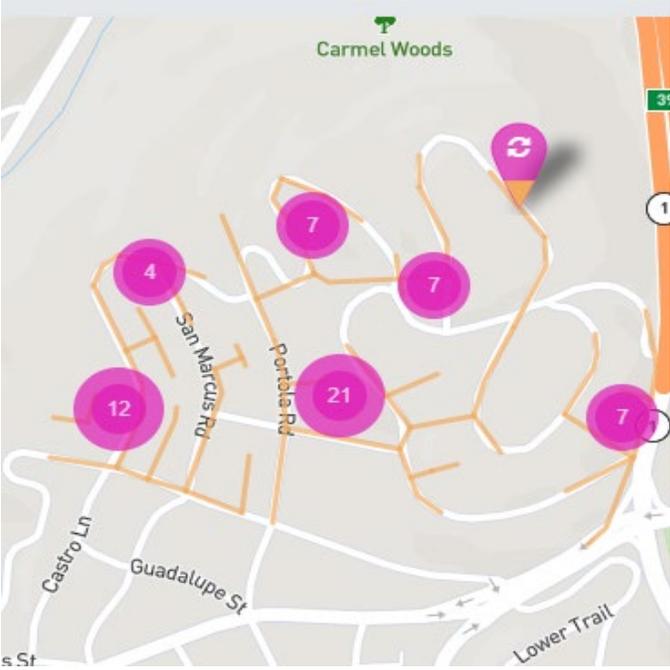
Contact: Treanor
 Area Sewer Lines

Project Name: Carmel Woods and Pescadero Creek Area Pipe Relocation
 Dept.: Collections
 Project Number 21-05
 Total Cap Projection: \$ 6,000,000
 CY Budget \$ 800,000
 GL Account: 1637.00

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect =5
 Structural Index>4
 Within 200' of Waterway

Asset Description

Approximately 4,200 feet of 6 inch vitrified clay pipe within the Carmel Woods Subdivision. Install a new sewer line in Pescadero Rd to reroute all upstream flow away from hillside easement pipe and slipline approximately 2,200 feet of existing pipeline along hillside easement.



Justification

Pipelines in Carmel Woods observed to be in poor condition during video inspection. Holes were observed in six separate locations throughout the project area. Manholes are also in poor condition. The existing Pescadero Rd down hillside pipeline is located within 200 feet of a water body with multiple cracks and fractures. Pipeline was observed to be in poor condition during video inspection. Manholes are also in poor condition. Access is difficult along the easement.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other		Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction				1800000	\$ 2,800,000			\$4,600,000
Engineering/Environmental	\$800,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000			\$1,400,000
Construction Inspection								\$0
Total		\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,000,000	\$ -	\$ -	\$ 6,000,000

4 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Pump Station

Project Name: Bay/Scenic PS Rehabilitation
 Dept.: Collections
 Project Number: 20-07
 Total Cap Projection: \$ 1,500,000
 CY Budget \$ 150,000
 GL Account: 1636.00

Asset Condition Rating: 5
 Within 200 feet of water body

Asset Description

Remodel the interior of the pump station and update SCADA panel to remove from areas prone to flooding.



Year Built: N/A

Justification

The pump station is adjacent to the Pacific Ocean and subject to ocean waves and flooding. Due to location and potential for flooding, the wetwell and pump electronics will be moved further into the street but within the existing pump station footprint.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction				\$ 800,000			\$800,000
Engineering/Environmental	\$200,000	\$ 150,000	\$ 150,000	\$200,000			\$700,000
Inspections							\$0
Other							\$0
Total		\$ 150,000	\$ 150,000	\$ 1,000,000	\$ -	\$ -	\$ 1,500,000

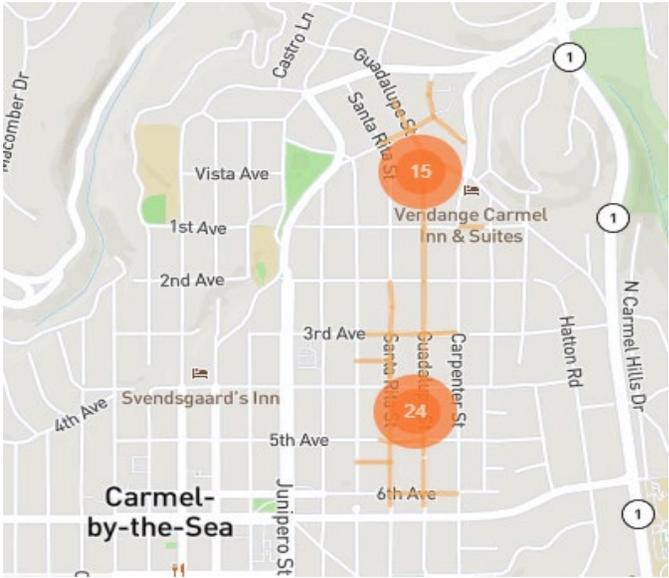
5 FY 2025-26 Budget
Carmel Area Wastewater District

Project Name: Santa Rita & Guadalupe Pipeline Rehab
 Dept.: Collections
 Project Number:
 Total Cap Projection: \$ 5,000,000
 CY Budget \$ 3,800,000
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=5
 Structural Index>4
 Carry Forward: Yes

Asset Description

Approximately 8,500 Feet of 6 inch Vitrified Clay Pipe (VCP) to be replaced with 8 inch diameter High Density Polyethylene pipe using pipe bursting methods.



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in nine locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction	\$1,000,000	\$ 3,300,000					\$4,300,000
Engineering	\$200,000						\$200,000
Inspections		\$500,000					\$500,000
Other							\$0
Total		\$ 3,800,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000

6 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

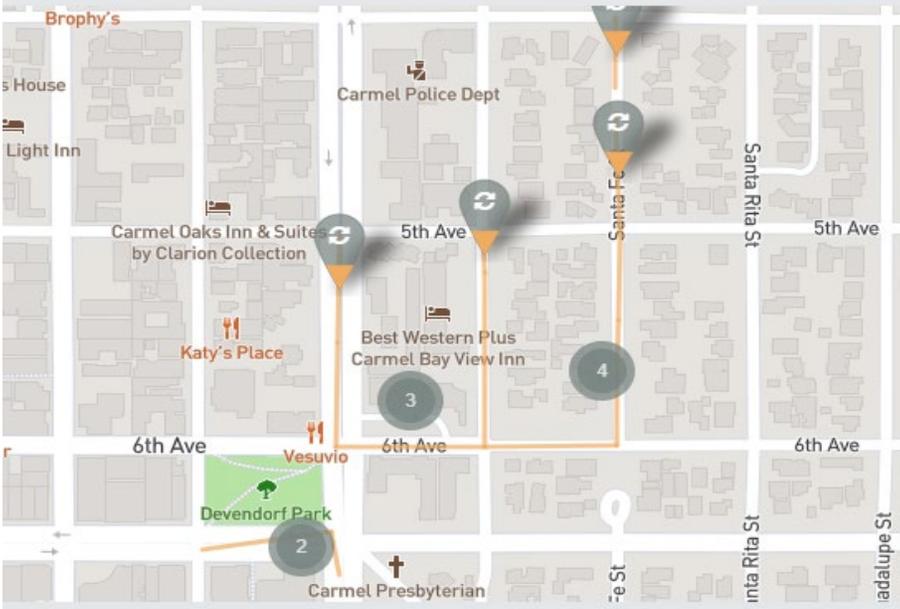
Project Name: Santa Fe and 6th Avenues Sewer Rehab
 Dept.: Collections

Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=5
 Structural Index>5
 Carry Forward: Yes

Total Cap Projection: \$ 1,800,000
 CY Budget \$ -
 GL Account:

Asset Description

Replace approximately 2,625 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other		Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction						\$ 1,400,000		\$ 1,400,000
Engineering				\$150,000	\$ 150,000	\$100,000		\$ 400,000
Other								\$ -
Total			\$ -	\$ 150,000	\$ 150,000	\$ 1,500,000	\$ -	\$ 1,800,000

7 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Project Name: Carpenter - Valley Way to 5th Avenue
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,800,000
 CY Budget \$ -
 GL Account:

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect =5
 Structural Index>3

Asset Description



Approximately 3,000 feet of vitrified clay pipe to be replaced with 8 inch diameter High Density Polyethylene pipe using pipe bursting or open cut methods.

Justification

Poor structural condition observed in sewer video. Three hole locations in ipe that can lead to sink hole in high traffic street. Multiple pipe segments with PACP defects of 5.

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction					\$ 1,400,000		\$ 1,400,000
Engineering			\$150,000	\$ 150,000	\$100,000		\$ 400,000
Other							\$ -
Total		\$ -	\$ 150,000	\$ 150,000	\$ 1,500,000	\$ -	\$ 1,800,000

8 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material Vitrified Clay

Pipe Diameter 6 inch

Year Built: 1921

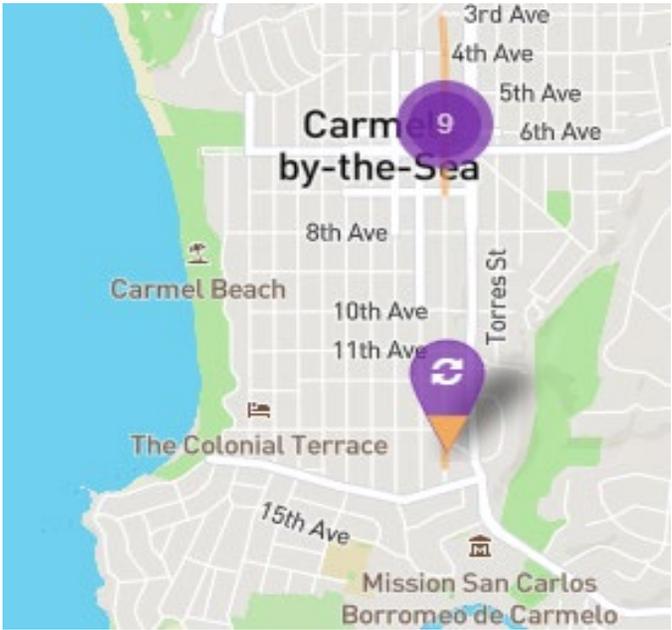
Asset Condition Rating: PACP Defect=5

Structural Index>4

Project Name: Mission Street Sewer Rehab from 7th to 3rd
 Dept.: Collections
 Project Number: 21-07
 Total Cap Projection: \$ 980,000
 CY Budget
 GL Account:

Asset Description

Approximately 2,700 feet of 6 inch Vitrified Clay pipe to be replaced on Mission Street between 3rd Avenue and 8th Avenue and one pipe length near Santa Lucia. It is anticipated that the pipe will be replaced using pipe bursting technology with 8 inch diameter High Density Polyethylene (HDPE) pipe.



Justification

Poor structural condition observed in sewer video. Holes in Pipe that can lead to sink hole in high traffic street.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction						\$ 810,000	\$ 810,000
Engineering					\$ 170,000		\$ 170,000
Other							\$ -
Total		\$ -	\$ -	\$ -	\$ 170,000	\$ 810,000	\$ 980,000

10 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

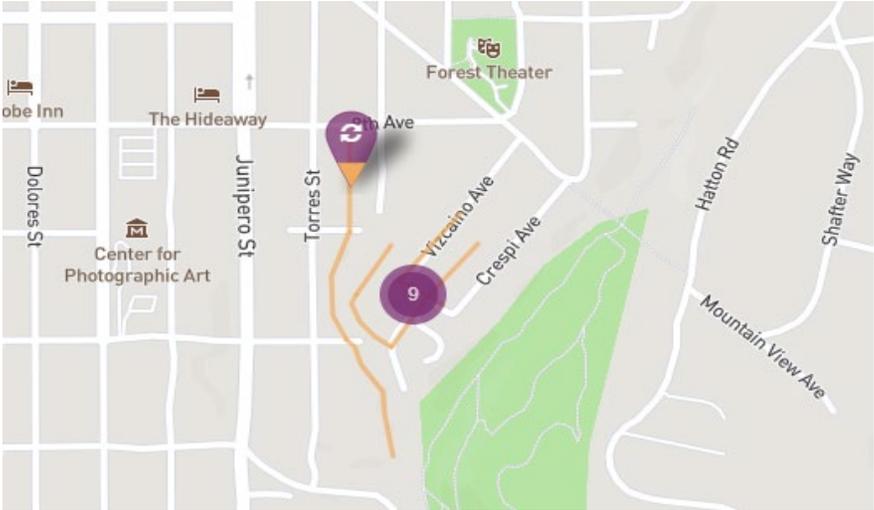
Project Name: Sewer Rehab -Torres/Flander/Acacia
 Dept.: Collections

Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=5
 Structural Index>4
 Carry Forward: Yes

Total Cap Projection: \$ 1,050,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 2,900 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Year Built: N/A
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in two locations within the project area.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction						\$ 870,000	\$ 870,000
Engineering					\$ 180,000		\$ 180,000
Other							\$ -
Total		\$ -	\$ -	\$ -	\$ 180,000	\$ 870,000	\$ 1,050,000

11 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

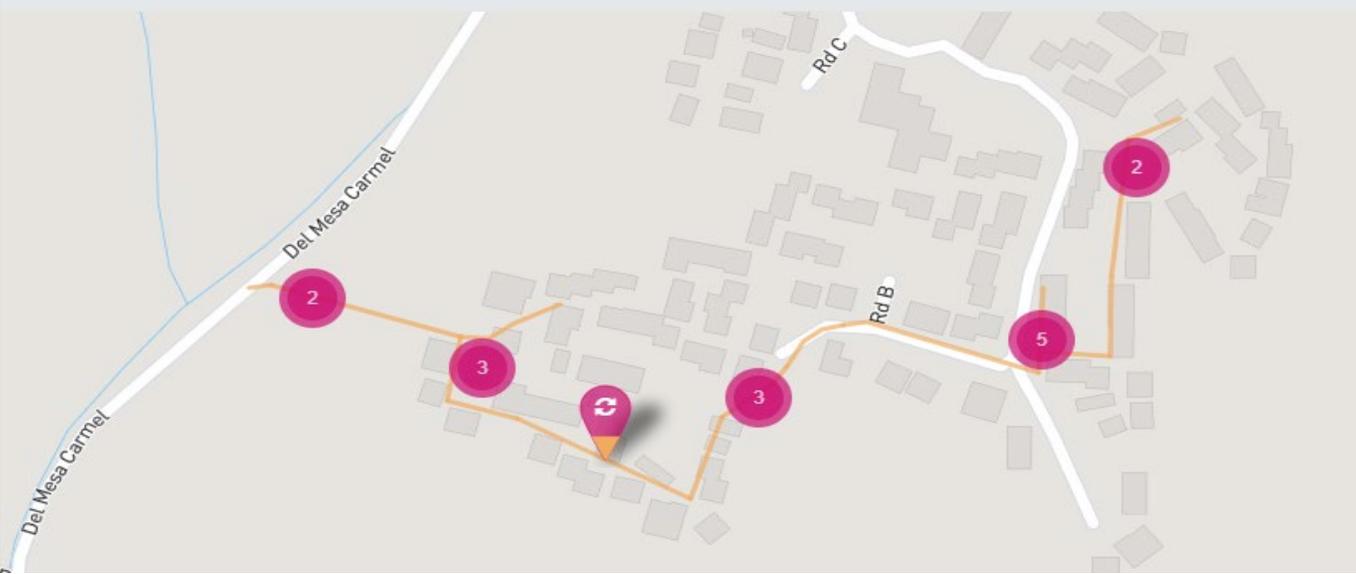
Project Name: Del Mesa Sewer Rehab #1
 Dept.: Collections

Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1966
 Asset Condition Rating: PACP Defect=5
 Structural Index>5
 Carry Forward: No

Total Cap Projection: \$ 1,160,000
 CY Budget \$ -
 GL Account:

Asset Description

Replace approximately 3,300 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	25-26	26-27	27-28	28-29	29-30	Total
Construction						\$ 980,000	\$ 980,000
Engineering					\$ 180,000		\$ 180,000
Other							\$ -
Total		\$ -	\$ -	\$ -	\$ 180,000	\$ 980,000	\$ 1,160,000

12 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

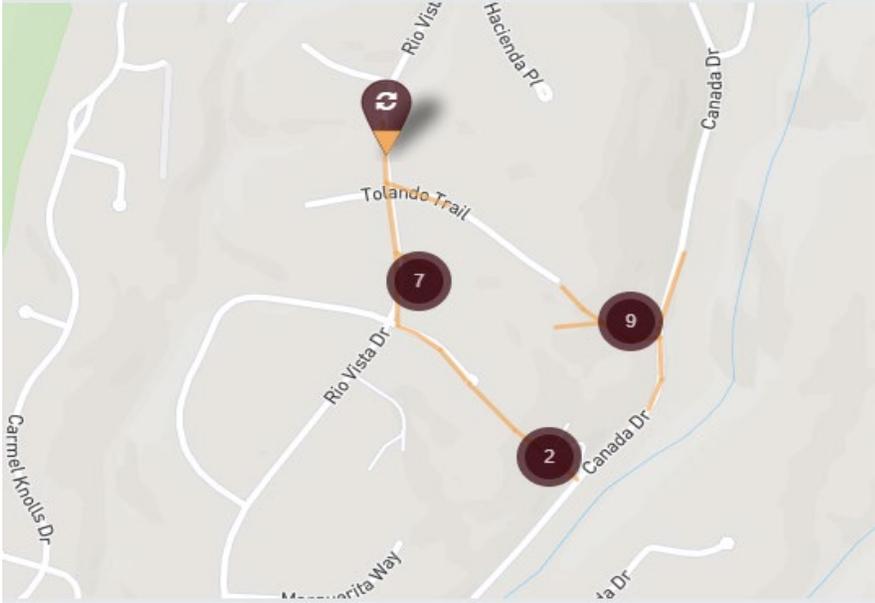
Project Name: Canada/Segundo/Rio Vista Area Sewer Replacement
 Dept.: Collections

Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1967
 Asset Condition Rating: PACP Defect=5
 Structural Index>4
 Carry Forward: No

Total Cap Projection: \$ 1,370,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,600 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	29-30	30-31	Total
Construction			\$ 1,070,000	\$ 1,070,000
Engineering	\$ 300,000			\$ 300,000
Other				\$ -
Total		\$ 300,000	\$ 1,070,000	\$ 1,370,000

12 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

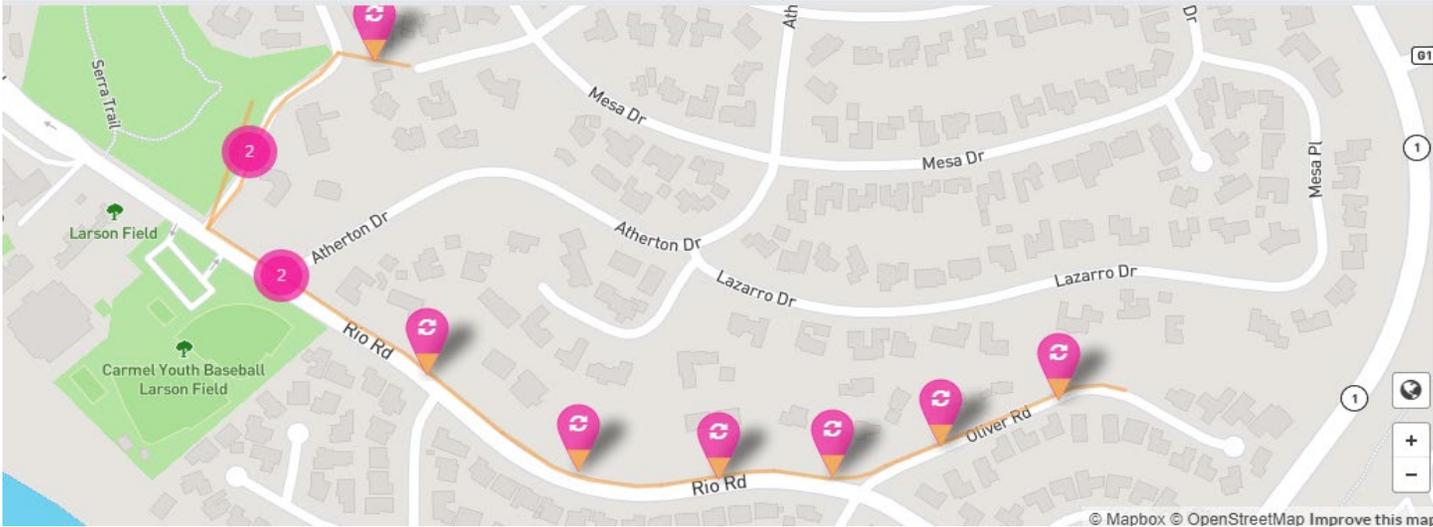
Project Name: Rio Road Pipeline replacement/Taylor/Ladera
 Dept.: Collections

Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1950
 Asset Condition Rating: PACP Defect=5
 Structural Index>4
 Carry Forward: No

Total Cap Projection: \$ 1,200,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,400 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	29-30	30-31	Total
Construction			\$1,000,000	\$ 1,000,000
Engineering		\$200,000		\$ 200,000
Other				\$ -
Total		\$ 200,000	\$ 1,000,000	\$ 1,200,000

13 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines

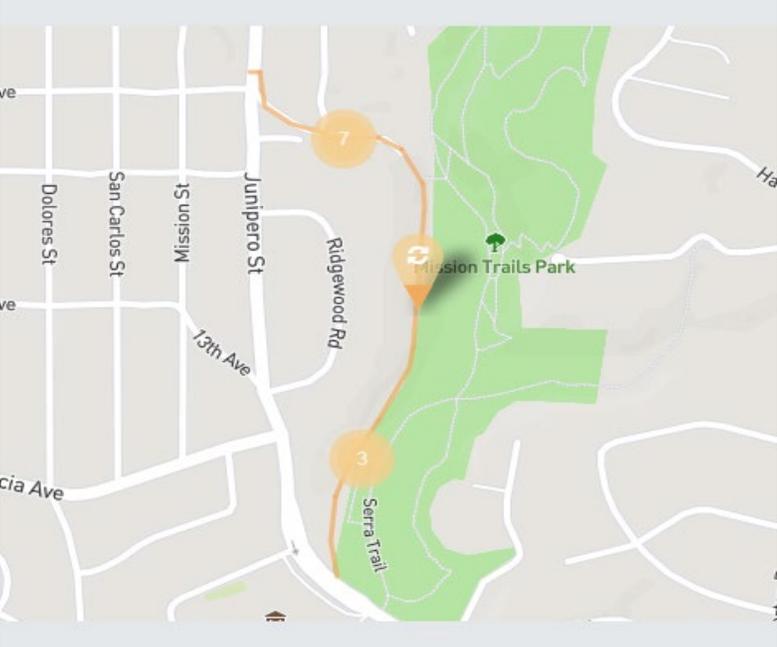
Project Name: 11th Ave from Junipero to Rio Road
 Dept.: Collections

Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1950
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: No

Total Cap Projection: \$ 960,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 2,640 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are also in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	29-30	30-31	Total
Construction		\$ 800,000	\$ 800,000
Engineering	\$ 160,000		\$ 160,000
Other			\$ -
Total	\$ 160,000		\$ 960,000

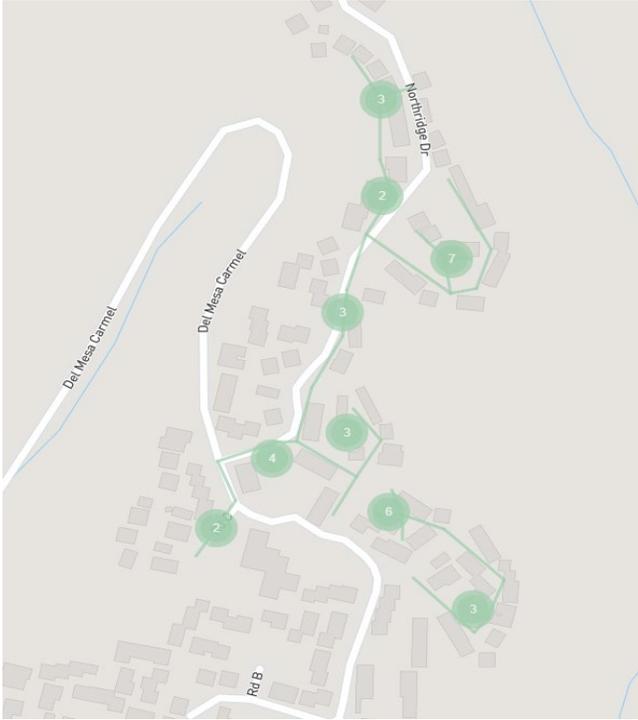
14 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: N/A
 Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1966
 Asset Condition Rating: PACP Defect=5
 Structural Index>5
 Carry Forward:

Project Name: Del Mesa Sewer Rehab #2
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,760,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 4,857 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	30-31	31-32	Total
Construction		\$ 1,460,000	\$ 1,460,000
Engineering	\$300,000		\$ 300,000
			\$ -
			\$ -
			\$ -
			\$ -
Total	\$ 300,000	\$ 1,460,000	\$ 1,760,000

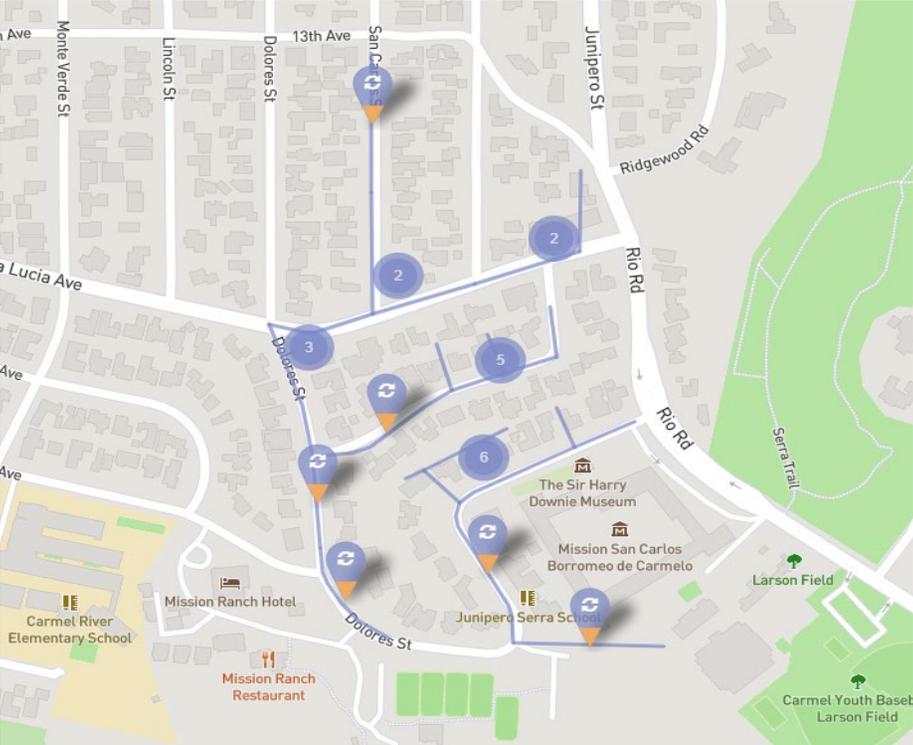
15 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material vcp
 Pipe Diameter 6" to 10"
 Year Built: 1945
 Asset Condition Rating: PACP Defect=5
 Structural Index>4.5
 Carry Forward: Yes

Project Name: Junipero School Area Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,800,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 5,527 linear feet of existing clay pipe with a new High-Density Polyethylene (HDPE) , including manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	30-31	31-32	Total
Construction			\$ 1,460,000	\$ 1,460,000
Engineering		\$340,000		\$ 340,000
				\$ -
				\$ -
				\$ -
				\$ -
Total		\$ 340,000	\$ 1,460,000	\$ 1,800,000

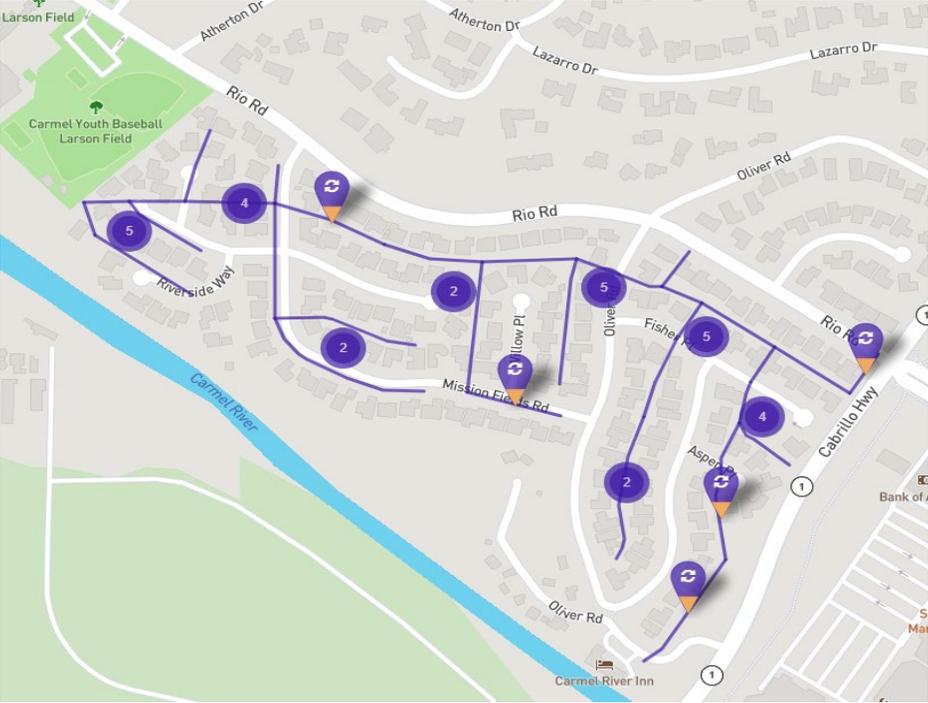
16 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6" & 10"
 Year Built: 1951
 Asset Condition Rating: PACP Defect=5
 Structural Index>3.5
 Carry Forward: Yes

Project Name: Mission Fields Area Pipe Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 2,880,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 7,976 linear feet of existing 6 and 10-inch clay pipe with a new High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in fair to poor condition.

Funding Source

Primary	Capital Reserves	Secondary			
Budget Impact/Other	Prior Yrs.	30-31	31-32	32-33	Total
Construction				\$ 2,400,000	\$ 2,400,000
Engineering		\$200,000	280,000		\$ 480,000
Other					\$ -
Total		\$ 200,000	\$ 280,000	\$ 2,400,000	\$ 2,880,000

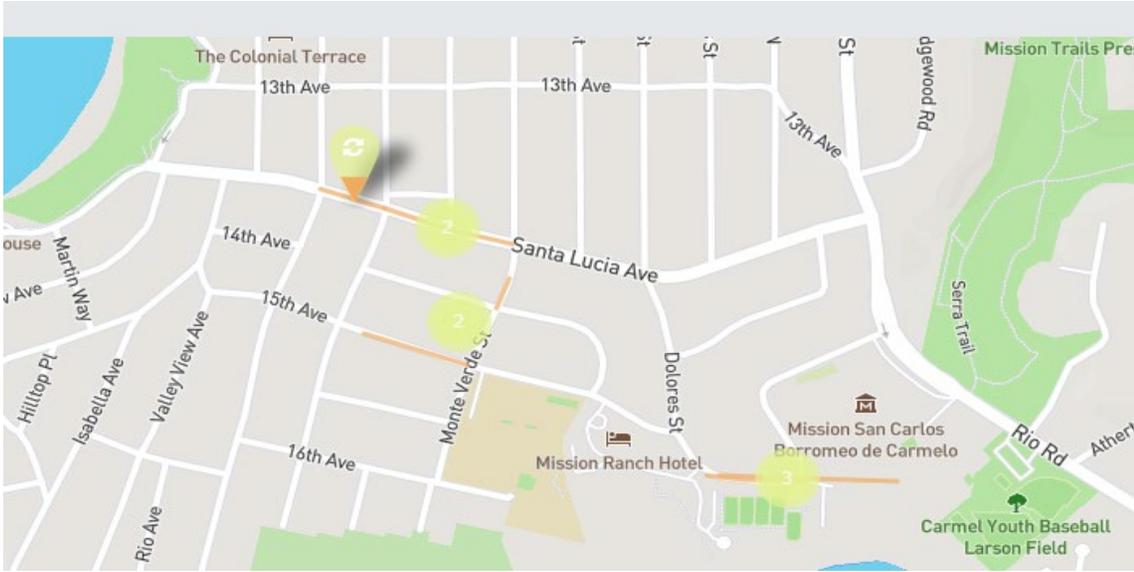
17 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Monte Verde Pump Station and Sewer Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$1,370,000.00
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6",10" & 12"
 Year Built: 1949
 Asset Condition Rating: PACP Defect=5
 Structural Index>3
 Carry Forward: Yes

Asset Description

Replace approximately 4,376 linear feet of existing 6, 10 and 12-inch clay pipe with a new High-Density Polyethylene (HDPE). Includes manhole rehabilitation. Replace and repair portions of pump station as needed.



Justification

Pipeline was observed to be in fair to poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	31-32	32-33	Total
Construction			\$ 1,063,000	\$ 1,063,000
Engineering	\$ 300,000			\$ 300,000
Other				\$ -
Total		\$ 300,000	\$ 1,063,000	\$ 1,363,000

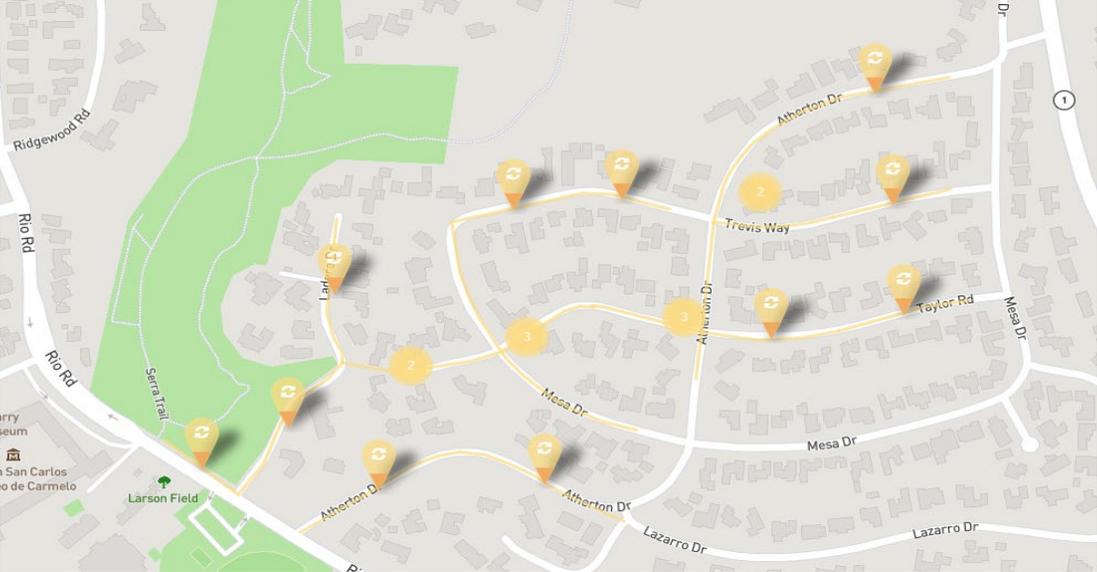
18 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1950
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: Yes

Project Name: Taylor Road Area Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 2,820,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 7,822 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	31-32	32-33	33-34	Total
Construction			\$ 2,350,000	\$ 2,350,000
Engineering	\$200,000	\$270,000		\$ 470,000
Total	\$ 270,000	\$ 2,350,000	\$ 2,820,000	\$ 2,820,000

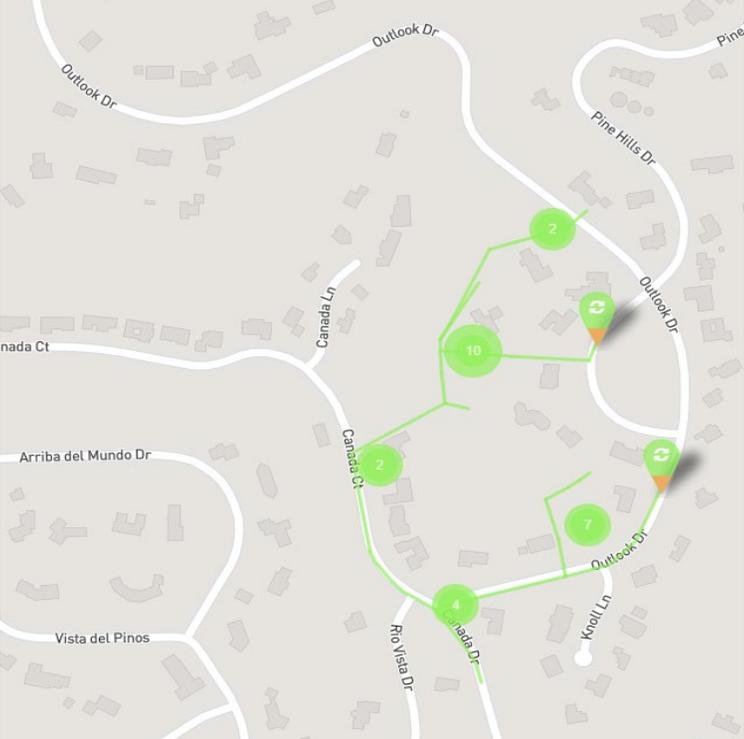
19 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6" & 8"
 Year Built: 1967
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: No

Project Name: Upper Canada Ct/Outlook Sewer Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,410,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,871 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	33-34	34-35	Total
Construction			\$ 1,161,510	\$ 1,161,510
Engineering		\$240,000		\$ 240,000
Other				\$ -
Total		\$ 240,000	\$ 1,161,510	\$ 1,401,510

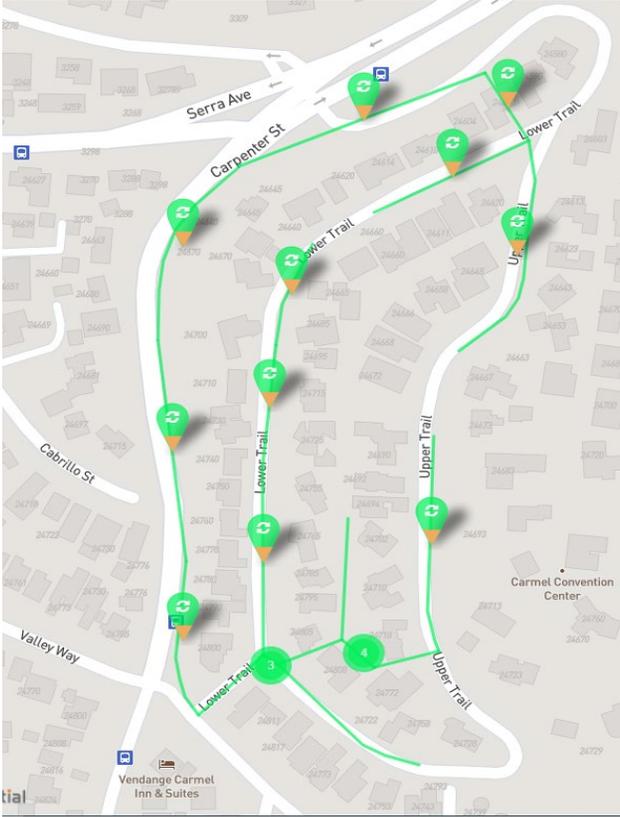
20 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Upper/Lower Trail Pipe Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,480,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1940
 Asset Condition Rating: PACP Defect=4
 Structural Index>4
 Carry Forward: No

Asset Description

Replace approximately 4,087 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	33-34	34-35	Total
Construction			\$ 1,230,000	\$ 1,230,000
Engineering		\$ 250,000		\$ 250,000
Total		\$ 250,000	\$ 1,230,000	\$ 1,480,000

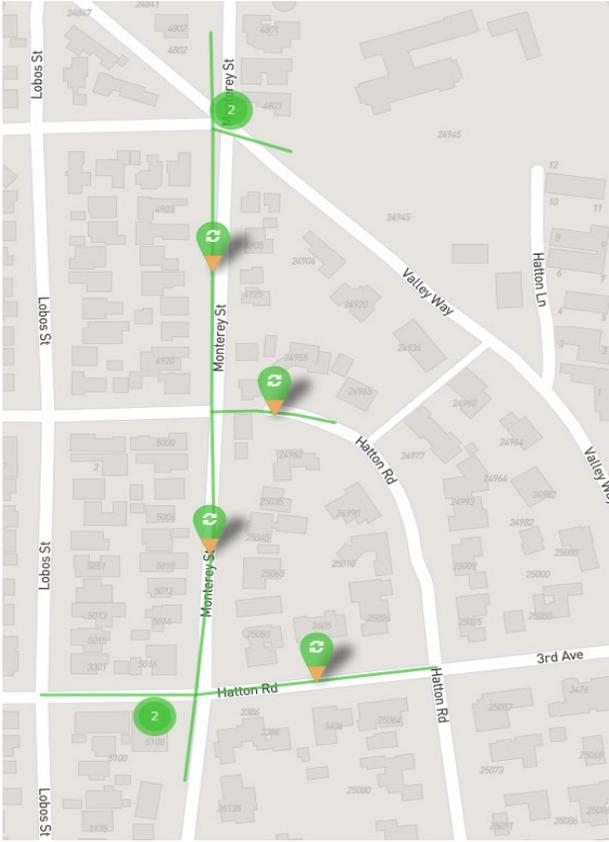
21 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6"
 Year Built: 1922
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: Yes

Project Name: Monterey Street Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 760,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 2,074 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	33-34	34-35	Total
Construction			\$ 630,000	\$ 630,000
Engineering		\$ 130,000		\$ 130,000
Total		\$ 130,000	\$ 630,000	\$ 760,000

22 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Sewer Lines
 Asset Type: Pump Station
 Pipe Material
 Pipe Diameter
 Year Built: 1953
 Asset Condition Rating: fair
 Carry Forward: Yes

Project Name: Calle la Cruz Pump Station Relocation
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 4,500,000
 CY Budget
 GL Account:

Asset Description

The pump station is located on the bluff adjacent to Carmel Lagoon. The wet well was lined in 2013 with "sewercoat" which has a 5 year guarantee.

Justification

The pump station is located next to the lagoon and is not designed for by-passing sewage in an emergency. Sea level rise and the Carmel River Free project are anticipated to

Funding Source

Primary	Capital Reserves	Secondary			
Budget Impact/Other					
	Prior Yrs.	33-34	34-35	35-36	Total
Construction				\$ 3,000,000	\$ 3,000,000
Engineering		\$200,000	\$200,000		\$ 400,000
Environmental	\$	200,000	\$ 150,000	\$ 150,000	\$ 500,000
Construction Inspection				\$ 400,000	\$ 400,000
					\$ -
Other			\$ 200,000		\$ 200,000
Total		\$ 400,000	\$ 550,000	\$ 3,550,000	\$ 4,500,000

Other=permits, easements, etc.

24 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Pump Station
 Asset Type: Collections Force
 Pipe Material
 Pipe Diameter
 Year Built: 2004

Project Name: Highlands Inn Pump Station and Forced Main Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$2,550,000.00
 CY Budget
 GL Account:

Asset Condition Rating:
 Carry Forward: No

Asset Description

Small pump station located at the Highlands Inn property. High levels of H2S have been produced in the force main to Calle La Cruz pump station.

Justification

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	34-35	35-36	36-37	Total
Construction				\$ 2,000,000	\$ 2,000,000
Engineering		\$350,000	\$200,000		\$ 550,000
Parts & Supplies					\$ -
Chemicals					\$ -
Utility					\$ -
Other					\$ -
Total		\$ 350,000	\$ 200,000	\$ 2,000,000	\$ 2,550,000

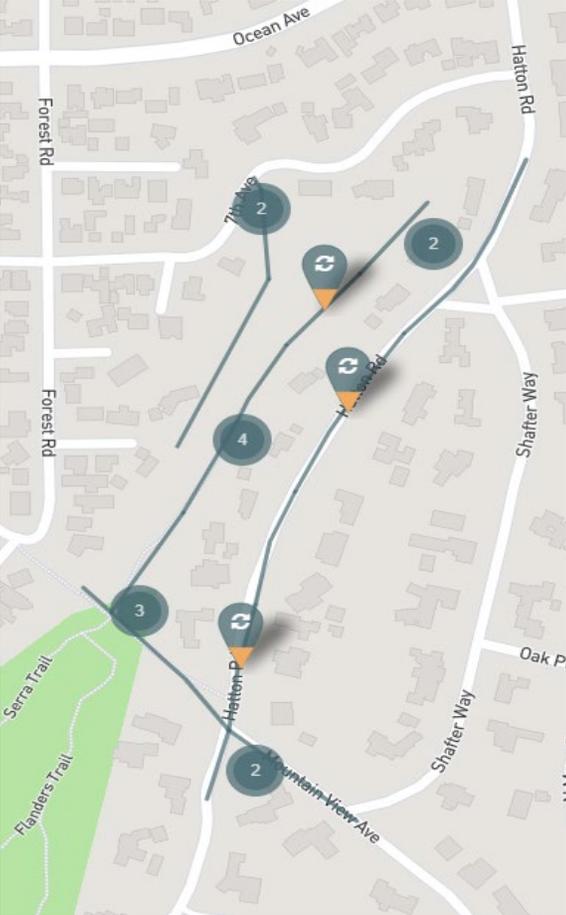
26 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Hatton Road Area Sewer Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,610,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1942
 Asset Condition Rating: PACP Defect=4
 Structural Index>4
 Carry Forward: Yes

Asset Description

Replace approximately 4,450 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are also in poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	36-37	37-38	Total
Construction			\$ 1,340,000	\$ 1,340,000
Engineering	\$ 270,000			\$ 270,000
Total		<u>\$ 270,000</u>	<u>\$ 1,340,000</u>	<u>\$ 1,610,000</u>

27 **FY 2025-26 Budget**
 Carmel Area Wastewater District

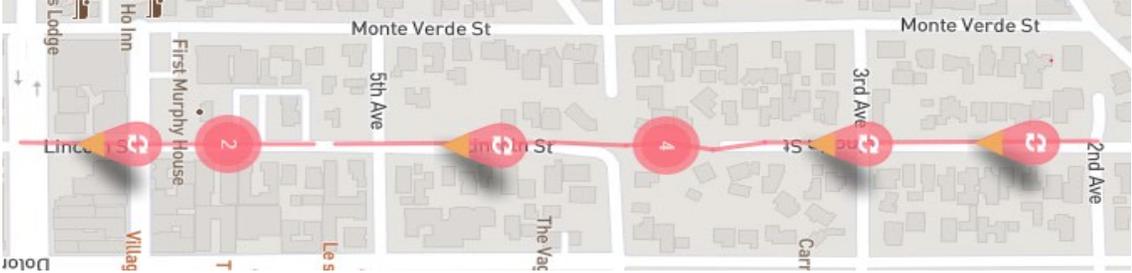
Contact: Treanor
 Area Sewer Lines

Project Name: Lincoln - 1st Avenue to Ocean
 Dept.: Collections
 Project Number:
 Total Cap Projection: \$ 1,990,000
 CY Budget
 GL Account:

Pipe Material Vitrified Clay
 Pipe Diameter 6 inch
 Year Built: 1921
 Asset Condition Rating: PACP Defect=4
 Structural Index>4

Asset Description

Approximately 2,000 feet of vitrified clay pipe to be replaced with 8 inch diameter High Density Polyethylene (HDPE) pipe using pipe bursting or open cut methods.



Justification

Poor structural condition observed in sewer video. Holes in Pipe. Manholes in fair to poor condition. In a high traffic street. **City plans to Cape Seal in 2023 and this will be 10 years later.**

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	36-37	37-38	Total
Construction			\$ 680,000	\$ 680,000
Engineering		\$150,000		\$ 150,000
Other				\$ -
Total		\$ 150,000	\$ 680,000	\$ 830,000

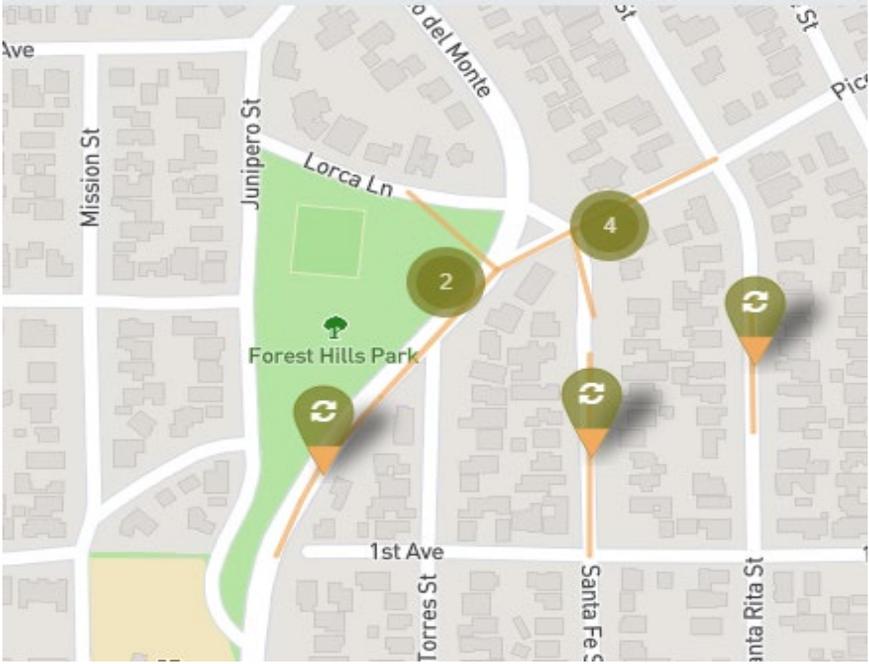
28 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Pico/Camino Del Monte/Santa Fe
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 750,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6"
 Year Built: 1921
 Asset Condition Rating: PACP Defect=4
 Structural Index>4
 Carry Forward: Yes

Asset Description

Replace approximately 1,971 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	36-37	37-38	Total
Construction			\$ 600,000	\$ 600,000
Engineering		\$ 150,000		\$ 150,000
Total		\$ 150,000	\$ 600,000	\$ 750,000

29 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 Inxh

Year Built: 1966

Asset Condition Rating: PACP Defect=4

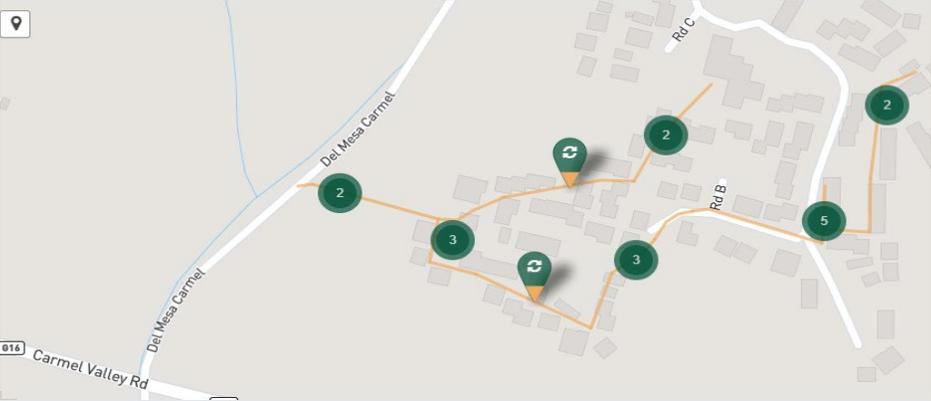
Structural Index>4

Carry Forward: No

Project Name: Del Mesa Sewer Rehab #3
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,390,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,790 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

Prior Yrs.	37-38	38-39	Total
Construction		\$ 1,140,000	\$ 1,140,000
Engineering	\$250,000		\$ 250,000
Total	\$ 250,000	\$ 1,140,000	\$ 1,390,000

30 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1921

Asset Condition Rating: PACP Defect=4

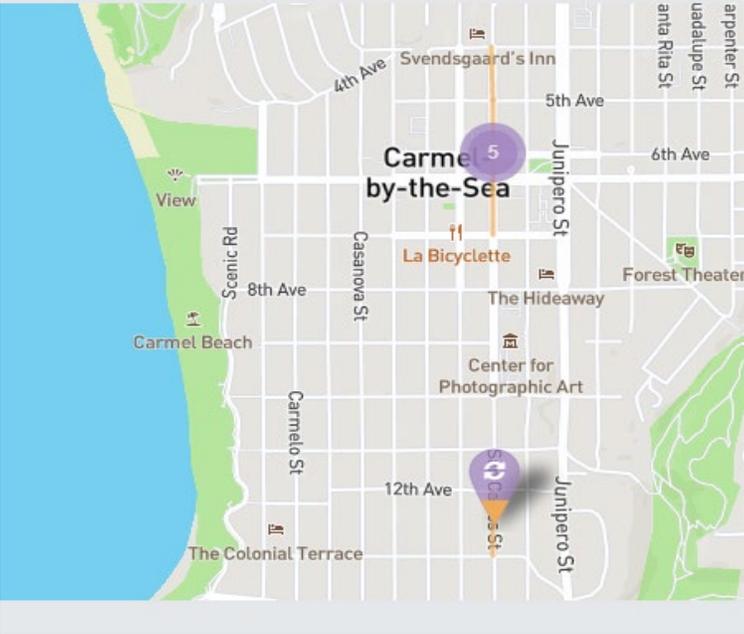
Structural Index>3

Carry Forward: No

Project Name: San Carlos Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 590,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 1,520 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	37-38	38-39	Total
Construction			\$ 460,000	\$ 460,000
Engineering		\$ 130,000		\$ 130,000
Other				\$ -
Total		\$ 130,000	\$ 460,000	\$ 590,000

31 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1962

Asset Condition Rating: PACP Defect=4

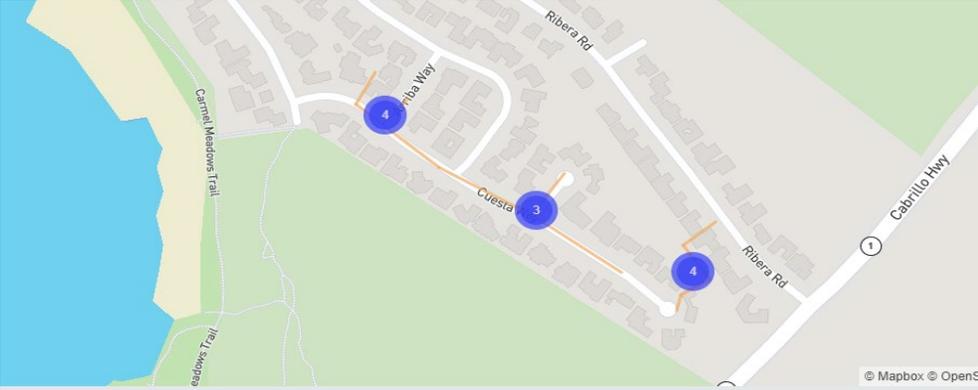
Structural Index>4

Carry Forward: Yes

Project Name: Carmel Meadows/Cuesta Way Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 660,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 1,754 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Manholes are in fair to poor condition.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	37-38	38-39	Total
Construction			\$ 530,000	\$ 530,000
Engineering		\$ 130,000		\$ 130,000
Total		\$ 130,000	\$ 530,000	\$ 660,000

32 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1959

Asset Condition Rating: PACP Defect=

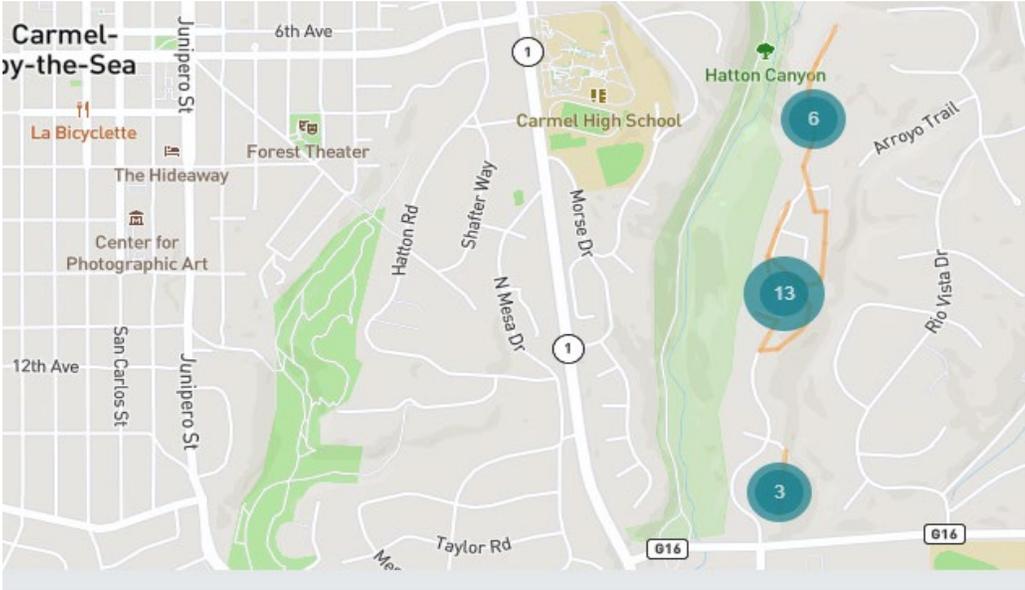
Overall Structural>4

Carry Forward: Yes

Project Name: Upper Carmel Knolls Area Sewer Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,990,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,160 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection.

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	38-39	39-40	Total
Construction			\$ 1,690,000	\$ 1,690,000
Engineering		\$ 300,000		\$ 300,000
Total		\$ 300,000	\$ 1,690,000	\$ 1,990,000

33 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1921

Asset Condition Rating: PACP Defect>4

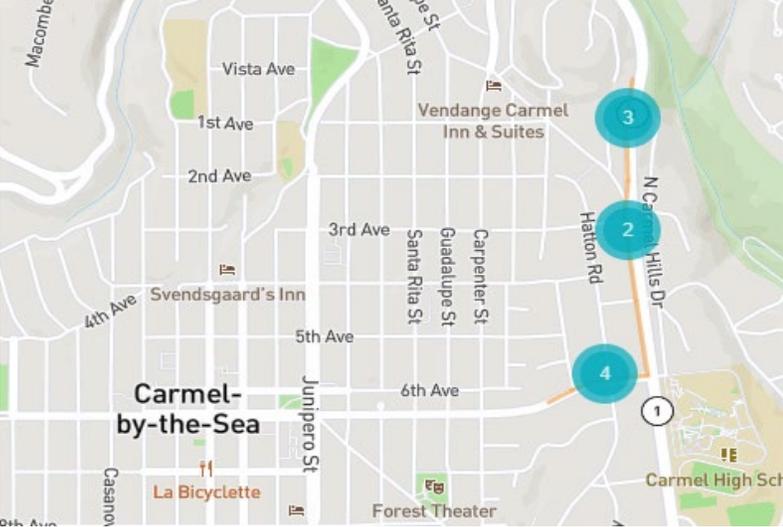
Structural Index>3

Carry Forward: Yes

Project Name: Cabrillo Hwy/Ocean Avenue Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,200,000
 CY Budget
 GL Account:

Asset Description

Replace approximately 3,294 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	38-39	39-40	Total
Construction			\$ 1,000,000	\$ 1,000,000
Engineering		\$200,000		\$ 200,000
Total		\$ 200,000	\$ 1,000,000	\$ 1,200,000

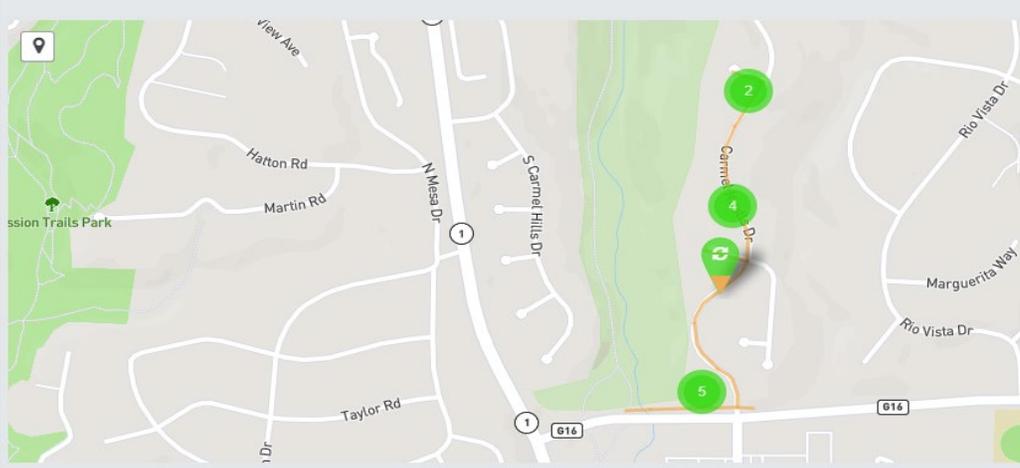
34 **FY 2025-26 Budget**
Carmel Area Wastewater District

Project Name: Lower Carmel Knolls Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,150,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1959
 Asset Condition Rating: PACP Defect>4
 Structural Index>3
 Carry Forward: Yes

Asset Description

Replace approximately 3160 linear feet of existing 6-inch clay pipe with a new 8-inch High-Density Polyethylene (HDPE) and includes manhole rehabilitation



Justification

Pipeline was observed to be in poor condition during video inspection. Holes were observed in multiple locations throughout the project area. Manholes are fair to poor condition.

Funding Source

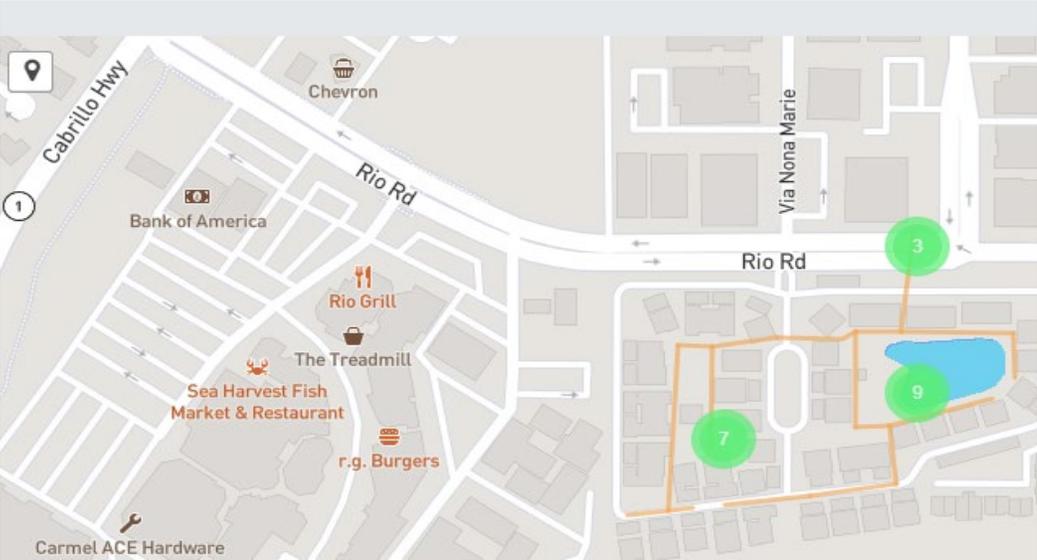
Primary	Capital Reserves	Secondary
	Prior Yrs.	39-40
		Unscheduled
Construction		\$ 950,000
Engineering	\$200,000	\$ 200,000
Total	\$ 200,000	\$ 950,000
		\$ 1,150,000

35 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Arroyo Carmel Sewer Rehab
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 1,027,000
 CY Budget
 GL Account:

Contact: Treanor
 Area Sewer Lines
 Asset Type: Collections Gravity
 Pipe Material VCP
 Pipe Diameter 6 inch
 Year Built: 1976
 Asset Condition Rating: PACP Defect=4
 Structural Index>3
 Carry Forward: Yes

Asset Description



Justification

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	39-40	Unscheduled	Total
Construction			\$ 777,000	\$ 777,000
Engineering		\$250,000		\$ 250,000
Other				\$ -
Total		<u>\$ 250,000</u>	<u>\$ 777,000</u>	<u>\$ 1,027,000</u>

36 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1950

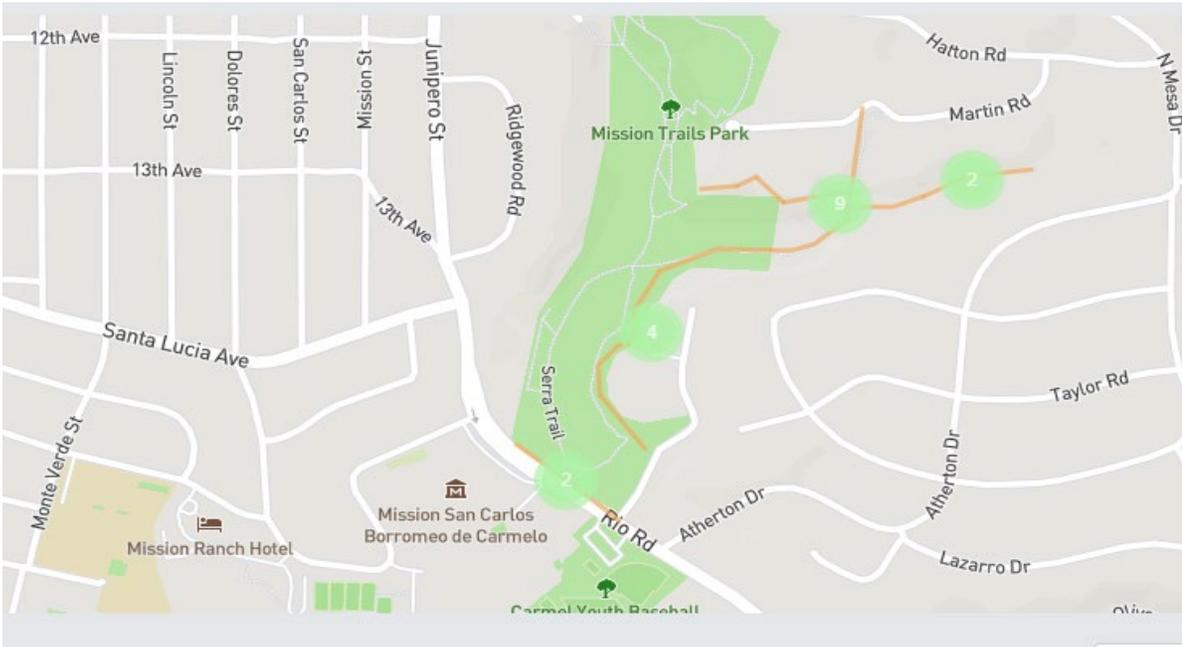
Asset Condition Rating: PACP Defect=4

Structural Index>3

Carry Forward: Yes

Project Name: Doolittle Trail Sewer Replacement
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 2,573,460
 CY Budget
 GL Account:

Asset Description



Justification

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yrs.	39-40	Unscheduled	Total
Construction			\$ 1,223,460	\$ 1,223,460
Engineering		\$250,000	\$100,000	\$ 350,000
Environmental		\$ 300,000	\$ 400,000	\$ 700,000
Construction Management			\$ 300,000	\$ 300,000
Total		<u>\$ 550,000</u>	<u>\$ 2,023,460</u>	<u>\$ 2,573,460</u>

37 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material VCP

Pipe Diameter 6 inch

Year Built: 1950

Asset Condition Rating: PACP Defect=4

Structural Index>3

Carry Forward: Yes

Project Name: Upsize Lower Rancho Canada Pipeline
 Dept.: Collections
 Project Number
 Total Cap Projection: \$ 200,000
 CY Budget
 GL Account:

Asset Description

Justification

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yrs.	Unscheduled	Total
Construction		\$	-
Engineering		\$200,000	\$ 200,000
Environmental		\$	-
Construction Management		\$	-
Total		\$ 200,000	\$ 200,000

38 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material Various

Pipe Diameter Various

Year Built: Various

Asset Condition Rating: Various

Project Name: Annual Spot Repairs
 Dept.: Collections
 Project Number
 Total Cap Projection:
 CY Budget \$ 200,000
 GL Account:

Carry Forward: No

Asset Description

Spot repairs completed on sewer lines in various locations throughout the District collection system on an ongoing annual basis. Each spot repair costs between \$10k to \$15k.

Justification

Ongoing repairs of deteriorated sewer pipes is necessary to keep sewer system in good operating condition.

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yrs.	CY Budget	Total
Construction		\$ 200,000	\$ -
Engineering			\$ 200,000
Environmental			\$ -
Construction Management			\$ -
Total		\$ 200,000	\$ 200,000

39 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor

Area Sewer Lines

Asset Type: Collections Gravity

Pipe Material Various

Pipe Diameter Various

Year Built: Various

Asset Condition Rating: Various

Project Name: Annual Manhole Repairs
 Dept.: Collections
 Project Number
 Total Cap Projection:
 CY Budget \$ 200,000
 GL Account:

Carry Forward: No

Asset Description

Individual manhole repairs completed on manhole structures in various locations throughout the District collection system on an ongoing annual basis. Each manhole repair costs between \$10k to \$15k.

Justification

Ongoing repairs of deteriorated manholes is needed to keep gravity sewers in good operating condition.

Funding Source

Primary Capital Reserves

Budget Impact/Other

	Prior Yrs.	CY Budget	Total
Construction		\$ 200,000	\$ -
Engineering			\$ 200,000
Environmental			\$ -
Construction Management			\$ -
Total		\$ 200,000	\$ 200,000

Treatment- Capital Equipment

CAWD Treatment Dept - Capital Purchases

FY 2025/26 thru 2029/30

Project #	PROJECT	Estimated Prior Spent Thru 06-30-25	25/26	26/27	27/28	28/29	29/30	Unscheduled
1	Effluent Pump Assembly		\$ 95,000					
2	Yard Mule Sludge Truck ZEV (Replace Existing Diesel)		\$ 350,000					
3	Influent Building Roof		\$ 30,000					
4	Laboratory Roof		\$ 30,000					
5	Laboratory HVAC System		\$ 50,000					
6	Gas Conditioning Compressor		\$ 40,000					
7	Cyber-Security Upgrades		\$ 250,000					
8	Machine Learning Phase 2		\$ 135,000					
9	RAS/WAS Roof			\$ 15,000				
10	Effluent Building Roof			\$ 30,000				
11	Spare Digester Mixing Pump Assembly			\$ 90,000				
12	Treatment Plant Truck ZEV (Replace Unit 16)			\$ 80,000				
13	Dewatering Building Poly Blend unit M60-P1AA (Unit 1)			\$ 28,000				
14	CDC Channel Electric Valve Actuators			\$ 30,000				
15	65kW Microturbine (Replace 30kW)				\$ 110,000			
16	Dewatering Building Poly Blend unit M60-P1AA (Unit 2)				\$ 28,000			
17	Dewatering Roof				\$ 30,000			
18	Influent Building Supply Fan System				\$ 25,000			
19	Microturbine Heat Exchanger					\$ 50,000		
20	Treatment Plant Bypass Pump					\$ 75,000		
21	Operations Building HVAC					\$ 45,000		
22	Treatment Plant Computer Server					\$ 25,000		
23	Lab Vehicle ZEV (Replace Unit 20) Truck with shell						\$ 80,000	
24	Treatment Plant Forklift						\$ 50,000	
25	Two Treatment Plant Golf Carts (Maintenance)						\$ 40,000	
26	Laboratory Dishwashers (2) (75% CAWD/25% Reclamation)						\$ 35,000	
	TREATMENT & DISPOSAL TOTAL		\$ 980,000	\$ 273,000	\$ 193,000	\$ 195,000	\$ 205,000	\$ -
	RECLAMATION SHARE		\$ 40,000	\$ -	\$ -	\$ -	\$ 8,750	\$ -
	PBCSD SHARE		\$ 313,020	\$ 90,909	\$ 64,269	\$ 64,935	\$ 65,351	\$ -
	CAWD COST		\$ 626,980	\$ 182,091	\$ 128,731	\$ 130,065	\$ 130,899	\$ -

1 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Effluent Pump Assembly
 Dept: Treatment
 5 yr. Cap Projection: \$ 95,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Effluent Bldg
 Asset Type: Process Equip (Liquid)
 Avg Useful Life: 30 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 1 = Critical

Asset Description

The two Fairbanks Morse Effluent pumps are 75HP dryside pumps with vertical driveshaft that extends from the drywell to the second story electrical room. The pumps have been in service since 1982. A 3rd smaller jockey pump was added to pump during normal dry weather flows. The larger 75HP pumps are typically only used during higher flows during the winter.

Year Built: 1982
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

The pumps have been in service for over 40 years and require replacement. The pump flow has reduced and parts are difficult to obtain. A direct replacement is available from the same manufacturer. If these pumps fail then the effluent wetwell could overflow and treated effluent could not be sent to the outfall.

Asset Risk Management Strategy

Capital Improvement Risk
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies	\$ 95,000					\$	95,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 95,000	\$ -	\$ 95,000				

2 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Foley

Area

Asset Type:

Avg Useful Life:

Est Residual Life:

% Consumed Life:

Category:

Urgency:

Project Name: Electric Yard Mule
Dept: Treatment
5 yr. Cap Projection: \$ 350,000
CY Budget \$ -
GL Account:

Asset Description

The yard mule moves the dewatered solids trailer on the treatment plant site. Grant applications are being researched to assist with cost of the electric yard mule.

Year Built:

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension:

Justification

The existing yard mule is past its useful life and 25 years old. Multiple repairs have been performed over the last two years and the components are failing. The new California Air Resources Board Advanced Clean Fleet Regulation is mandating large fleet vehicles (over 8,500 lb GVWR) be converted to zero emission vehicles starting in 2025. The yard mule is the first vehicle on the milestone schedule to comply with regulations. The electric yard mule is a good application since reliability issues with the current diesel unit are related to short engine runtimes.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$ -
Engineering							\$ -
Parts & Supplies	\$ 350,000						\$ 350,000
Chemicals							\$ -
Utility							\$ -
Other							\$ -
Total	\$ 350,000	\$ -	\$ 350,000				

3 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Foley
 Area Ops Bldg

Project Name: Influent Building Roof
 Dept: Treatment
 5 yr. Cap Projection: \$ 30,000
 CY Budget \$ -
 GL Account:

Asset Type: Structure
 Avg Useful Life: 30 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

The influent building roof is concrete with tar and gravel coating. The roof coating is original.

Year Built: 1982
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension:

Justification

The roof is past its useful life and has been patched multiple times. The influent building houses electrical and mechanical equipment that could be damaged from a leaking roof. A new roof coating would be an advanced elastomeric seamless solution that has a 20 year warranty and the life can be extended with regular maintenance.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor	\$ 15,000						\$ 15,000
Engineering							\$ -
Parts & Supplies	\$ 15,000						\$ 15,000
Chemicals							\$ -
Utility							\$ -
Other							\$ -
Total	\$ 30,000	\$ -	\$ 30,000				

4 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Laboratory Roof
 Dept: Treatment
 5 yr. Cap Projection: \$ 30,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Lab
 Asset Type: Structure
 Avg Useful Life: 30 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

The lab building roof is concrete with tar and gravel coating. The roof coating is original.

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

Justification

The roof is past its useful life and has been patched multiple times. The lab building has expensive instruments that could be damaged from a leaking roof. A new roof coating would be an advanced elastomeric seamless solution that has a 20 year warranty and the life can be extended with regular maintenance.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

	Primary	Secondary					Unscheduled	Total
Budget Impact/Other	25-26	26-27	27-28	28-29	29-30			
Labor	\$ 15,000						\$ 15,000	
Engineering							\$ -	
Parts & Supplies	\$ 15,000						\$ 15,000	
Chemicals							\$ -	
Utility							\$ -	
Other							\$ -	
Total	\$ 30,000	\$ -	\$ 30,000					

5 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: Laboratory HVAC System
 Dept: Treatment
 5 yr. Cap Projection: \$ 50,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Lab
 Asset Type: Support Equipment
 Avg Useful Life: 12 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

The lab heating, ventilation and air conditioning (HVAC) system provides climate control and ventilation for the lab. It is a critical system so that contaminants do not enter the lab and affect the lab tests. The lab keeps the doors closed to prevent dust from entering the building and staff occupy the lab daily.

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

Justification

The existing HVAC unit is a coastal rated unit but still has extensive corrosion. The unit has been repaired multiple times and is in need of a replacement. The replacement unit will provide better filtering per new lab standards and be specified with coastal corrosion prevention coating.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

	Primary	Secondary					Unscheduled	Total
Budget Impact/Other	25-26	26-27	27-28	28-29	29-30			
Labor	\$ 25,000						\$ 25,000	
Engineering							\$ -	
Parts & Supplies	\$ 25,000						\$ 25,000	
Chemicals							\$ -	
Utility							\$ -	
Other							\$ -	
Total	\$ 50,000	\$ -	\$ 50,000					

6 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Foley
 Area: Digesters
 Asset Type: Process Equip (Gas)
 Avg Useful Life: 15 years
 Est Residual Life: 1 year
 % Consumed Life: 20%
 Category: Capital Equipment
 Urgency: 1 = Critical

Project Name: Gas Conditioning Compressor
 Dept: Treatment
 5 yr. Cap Projection: \$ 40,000
 CY Budget \$ -
 GL Account:

Asset Description

The microturbine has compressor supplies high pressure gas to the microturbine which then generates primary heat for the digesters by capturing the exhaust heat. The existing compressor is a Hydrovane unit and replaced the original Hydrovane unit in 2021.

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

Justification

The Hydrovane unit is still operational but the Hydrovane distributor for the United States was purchased by Hitachi air and no longer supports or services Hydrovane. The microturbine system is critical to the plant since it is the primary heat source for the digester system with the boiler as a backup heat source. The existing compressor would be retained as a spare since it is a single point of failure for the system.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor						\$	-
Engineering						\$	-
Parts & Supplies	\$ 40,000					\$	40,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 40,000	\$ -	\$ 40,000				

7 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Foley
 Area: Ops Bldg
 Asset Type: SCADA
 Avg Useful Life: 15 years
 Est Residual Life: 1 year
 % Consumed Life: 20%
 Category: Capital Equipment
 Urgency: 1 = Critical

Project Name: Cyber Security Upgrades
 Dept: Treatment
 5 yr. Cap Projection: \$ 250,000
 CY Budget \$ -
 GL Account:

Asset Description

The Ethernet network provides connectivity for all the corporate computers, automation devices and security for the Internet/Remote access. It is critical that this system and all assets are continually updated and follow best practices. The system includes Ethernet switches, PCs, servers, PLCs, Operator Interfaces, firewalls and software. The automation system was originally created as a sandbox and organically grew over time to include integration with corporate resources and remote access.

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

Justification

This project would update the IP address schema for the complete automation network from the original public IP address schema to a class C private IP address schema. A network digital twin is required to test all the changes of IP addresses and mapping of automation devices so the communication between devices will continue to work. A standards document for messaging and PLC programming would be formalized based on existing standards and best practices. The DMZ that is used for sharing data across systems would be upgrading to provide additional hardening to prevent unauthorized access and streamline remote access. The original automation network existed before the modern internet and has been added to over time. As the network continues to grow this work is necessary to ensure it is resilient and includes more prevention but also adds improved response if a network breach occurs.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

	Primary	Secondary					Unscheduled	Total
Budget Impact/Other	25-26	26-27	27-28	28-29	29-30			
Labor						\$	-	
Engineering	\$ 200,000					\$	200,000	
Parts & Supplies	\$ 50,000					\$	50,000	
Chemicals						\$	-	
Utility						\$	-	
Other						\$	-	
Total	\$ 250,000	\$ -	\$ 250,000					

8 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Ops Bldg
Asset Type: SCADA
Avg Useful Life: 15 years
Est Residual Life: 1 year
% Consumed Life: 20%
Category: Capital Equipment
Urgency: 1 = Critical

Project Name: Machine Learning Phase 2
Dept: Treatment
5 yr. Cap Projection: \$ 135,000
CY Budget \$ -
GL Account:

Asset Description

The machine learning system includes Historian data, LIMS data and manual entry data. This data is connected to the eRIS data hub where it sends data to the Aveva advanced analytics machine learning engine. The AI pilot project goal was to identify how machine learning could be applied to the treatment plant process. The aeration control is challenging due the multiple variables and changing weather and water quality conditions. This process was selected as a first proof of concept on how machine learning could be applied. The foundational items have been implemented such as network changes, data mapping and software configuration. The first phase is providing augmented control where is recommends setpoints to operations staff.

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

Justification

The District has invested in the improving the data management and continues to improve the network to support modern technology such as machine learning and generative AI. It is critical to continue to invest in the network and AI. Not only will this be the norm for modern automation and work practices but multiple indirect effects such as staff sharing ideas, improved overall innovation, improved motivation and recruitment of high performing staff will provide intangible benefits to a high performing workforce. This project would move the aeration control toward autonomous control and implement anomaly detection on chemical control. The AI project has a longer time horizon than many typical projects

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor						\$	-
Engineering	\$ 100,000					\$	100,000
Parts & Supplies	\$ 35,000					\$	35,000
Chemicals						\$	-
Utility						\$	-
Other						\$	-
Total	\$ 135,000	\$ -	\$ 135,000				

9 **FY 2026-27 Budget**
 Carmel Area Wastewater District

Project Name: RAS/WAS Roof
 Dept: Treatment
 5 yr. Cap Projection: \$ 15,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: RAS Pump Bldg
 Asset Type: Structure
 Avg Useful Life: 20 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

The RAS/WAS building roof is concrete with tar and gravel coating. The roof coating is original.

Year Built: 1982
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

The roof is past its useful life and has been patched multiple times. The RAS/WAS building has electrical equipment that could be damaged from a leaking roof. A new roof coating would be an advanced elastomeric seamless solution that has a 20 year warranty and the life can be extended with regular maintenance.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

	Primary		Secondary				Unscheduled	Total
Budget Impact/Other	25-26	26-27	27-28	28-29	29-30			
Labor		\$ 7,500					\$ 7,500	
Engineering							\$ -	
Parts & Supplies		\$ 7,500					\$ 7,500	
Chemicals							\$ -	
Utility							\$ -	
Other							\$ -	
Total	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000	

10 **FY 2026-27 Budget**
 Carmel Area Wastewater District

Contact: Foley
 Area Effluent Bldg

Project Name: Effluent Building Roof
 Dept: Treatment
 5 yr. Cap Projection: \$ 30,000
 CY Budget \$ -
 GL Account:

Asset Type: Structure
 Avg Useful Life: 20 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

The Effluent building roof is concrete with tar and gravel coating. The roof coating is original.

Year Built: 1982
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension:

Justification

The roof is past its useful life and has been patched multiple times. The effluent building has electrical equipment that could be damaged from a leaking roof. A new roof coating would be an advanced elastomeric seamless solution that has a 20 year warranty and the life can be extended with regular maintenance.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor		\$ 15,000					\$ 15,000
Engineering							\$ -
Parts & Supplies		\$ 15,000					\$ 15,000
Chemicals							\$ -
Utility							\$ -
Other							\$ -
Total	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

11 **FY 2026-27 Budget**
 Carmel Area Wastewater District

Contact: Foley

Area Digester Control Bldg

Asset Type: Process Equip (Liquid)

Avg Useful Life: 30 years

Est Residual Life: 20 years

% Consumed Life: 33%

Category: Capital Equipment

Urgency: 2 = Very Important

Project Name: Spare Digester Mixing Pump Assembly
 Dept: Treatment
 5 yr. Cap Projection: \$ 90,000
 CY Budget \$ -
 GL Account:

Asset Description

The digester mixing pump circulates flow sludge through the 2018 digester. It is critical to the process to keep the digester mixed.

Year Built: 2018
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension:

Justification

The digester mixing pump is a single point of failure. It is less expensive to purchase spare assembly and have on hand rather than installing the piping and electrical an online redundant pump. The pump can be down long enough to replace with a spare. Purchasing a complete replacement is more cost effective than purchasing individual parts since the

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$ -
Engineering							\$ -
Parts & Supplies		\$ 90,000					\$ 90,000
Chemicals							\$ -
Utility							\$ -
Other							\$ -
Total	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

12 **FY 2026-27 Budget**
Carmel Area Wastewater District

Project Name: Treatment Plant Truck Unit 16
Dept: Treatment
5 yr. Cap Projection: \$ 80,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 15 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Asset Description

Replacement of treatment plant truck unit 16 with a new truck. Truck will be used in the treatment plant for operations and maintenance and also for staff travel to trainings. Truck will be used for moving trailers, parts and equipment in the plant.

Year Built: 2007
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

Replacement of treatment plant truck with new truck. Unit 16 is 17 years old with 55,000 miles and past its useful life. Fleet replacement score is 32. Score between 23 to 27 qualifies for replacement. Planned replacement is important so that vehicles are reliable and safe. As part of the State Advanced Fleet milestone requirements this truck requires replacement in 2027 for this milestone.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

	Primary		Secondary					Unscheduled	Total
Budget Impact/Other	25-26	26-27	27-28	28-29	29-30				
Labor							\$	-	
Engineering							\$	-	
Parts & Supplies		\$ 80,000					\$	80,000	
Chemicals							\$	-	
Utility							\$	-	
Other							\$	-	
Total	\$ -	\$ 80,000	\$ -	\$ 80,000					

13 **FY 2026-27 Budget**
Carmel Area Wastewater District

Total Page Count 187

Project Name: Dewatering Building Poly Blend unit M60-P1AA (Unit 1)
Dept: Treatment
Total Cost: \$ 28,000
CY Budget \$ -
GL Account:

Contact: Waggoner
Area: Dewatering Bldg
Asset Type: Process Equip (Chemical)
Avg Useful Life: 10 years
Est Residual Life: 5 years
% Consumed Life: 75
Category: Capital Equipment
Urgency: 3 = Important

Asset Description

Polymer mixing and injection unit that mixes and adds a coagulant to the flow stream of anaerobic digested sludge prior to the dewatering devices. Either the Screwpress or the Beltpress to enhance liquid separation.

Year Built: 2016
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The equipment's age is such that the vendor may no longer support or sell/stock replacement parts for the UGSI Polyblend unit in the future. This model was purchased in the Phase 1 project staff continues to update all polymer mixing systems to be the same, to limit the amount of spare parts in inventory.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

14 **FY 2026-27 Budget**
Carmel Area Wastewater District

Project Name: CDC Channel Electric Valve Actuators
 Dept: Treatment
 Total Cost: \$ 30,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Chlor/Dechlor Bldg
 Asset Type: Electrical
 Avg Useful Life: 30 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

The electric actuators control the chlorine contact channel valves. These valves are used to isolate the contact channels.

Year Built: 1982
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

The actuators are obsolete and require replacement so the valves can be opened and closed.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies			\$ 30,000				\$	30,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

15 **FY 2027-28 Budget**
Carmel Area Wastewater District

Total Page Count 189

Project Name: 65kW Microturbine (Replace 30kW)
Dept: Treatment
Total Cost: \$ 110,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Digesters
Asset Type: Process Equip (Gas)
Avg Useful Life: 25 years
Est Residual Life: 1 year
% Consumed Life: 100
Category: Capital Equipment
Urgency: 4 = Less Important

Asset Description

The microturbines produce heat for the digester process by utilizing captured methane gas from the digester to produce electricity. The system significantly reduces the amount of natural gas required to run the boiler by producing most of the heat for the digesters. Originally two 30 kilowatt units were installed and one was replaced in 2018 with an updated 65 kilowatt model that is more efficient and reliable.

Year Built: 2005
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The 65 kilowatt unit has proven to be more reliable and efficient than the 30 kilowatt units. This would replace the 30 kilowatt unit which would improve redundancy for the digester heating system. The 30 kilowatt unit is obsolete and no longer supported.

Asset Risk Management Strategy

Capital Improvement Risk Add Backup/Redundancy
Maintenance Risk Management Preventative Maintenance
Non Asset Risk Management Take Asset out of Service

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies				\$ 110,000				\$ 110,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total		\$ -	\$ -	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000

16 **FY 2027-28 Budget**
Carmel Area Wastewater District

Total Page Count 190

Project Name: Dewatering Building Poly Blend unit M60-P1AA (Unit 2)
Dept: Treatment
Total Cost: \$ 28,000
CY Budget \$ -
GL Account:

Contact: Waggoner
Area: Dewatering Bldg
Asset Type: Process Equip (Chemical)
Avg Useful Life: 10 years
Est Residual Life: 5 years
% Consumed Life: 75
Category: Capital Equipment
Urgency: 3 = Important

Asset Description

Polymer mixing and injection unit that mixes and adds a coagulant to the flow stream of anaerobic digested sludge prior to the dewatering devices. Either the Screwpress or the Beltpress to enhance liquid separation.

Year Built: 2016
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The equipment's age is such that the vendor may no longer support or sell/stock replacement parts for the UGSI Polyblend unit in the future. This model was purchased in the Phase 1 project staff continues to update all polymer mixing systems to be the same, to limit the amount of spare parts in inventory.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Predictive & Preventative Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

17 **FY 2027-28 Budget**
Carmel Area Wastewater District

Total Page Count 191

Project Name: Dewatering Roof
Dept: Treatment
Total Cost: \$ 30,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Dewatering Bldg
Asset Type: Structure
Avg Useful Life: 20 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Asset Description

The Dewatering building roof is concrete with tar and gravel coating. The roof coating is original.

Year Built: 1982
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The roof is past its useful life and has been patched multiple times. The Dewatering building has electrical and mechanical equipment that could be damaged from a leaking roof. A new roof coating would be an advanced elastomeric seamless solution that has a 20 year warranty and the life can be extended with regular maintenance.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor				\$ 15,000				\$ 15,000
Engineering								\$ -
Parts & Supplies				\$ 15,000				\$ 15,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total		\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

18 **FY 2027-28 Budget**
Carmel Area Wastewater District

Total Page Count 192

Project Name: Influent Building Supply Fan System
 Dept: Treatment
 Total Cost: \$ 25,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Influent
 Asset Type: Process Equip (Gas)
 Avg Useful Life: 30 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 2 = Very Important

Asset Description

The supply fan system provides ventilation to the influent drywell so the proper amount of air exchanges are met. This allows the space to be reclassified to non-explosion proof and prevents build up of odors.

Year Built: 1992
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

The system is past its useful life and the components are obsolete. It requires replacement to maintain a safe environment in the drywell for staff.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor								\$ -
Engineering								\$ -
Parts & Supplies				\$ 25,000				\$ 25,000
Chemicals								\$ -
Utility								\$ -
Other								\$ -
Total		\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000

19 **FY 2028-29 Budget**
Carmel Area Wastewater District

Contact: Foley
Area: Influent
Asset Type: Process Equip (Liquid)
Avg Useful Life: 25 years
Est Residual Life: 5 years
% Consumed Life: 80%
Category: Capital Equipment
Urgency: 2 = Very Important

Project Name: Microturbine Heat Exchanger
Dept: Treatment
Total Cost: \$ 50,000
CY Budget \$ -
GL Account:

Asset Description

The microturbine exhaust gas heat exchanger transfer exhaust heat to the hot water loop for the digester heating process. There is only one heat exchanger and it was installed with the original microturbine project.

Year Built: 2005
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The heat exchanger has internal components that degrade over time and it is a better solution and more cost effective to replace rather than rebuild the unit. Replacing reduces downtime to the heating system rather than removing the unit and sending out for a recondition at the same cost of replacing the unit.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

	Primary		Secondary					Unscheduled	Total
Budget Impact/Other	Prior Yr	25-26	26-27	27-28	28-29	29-30			
Labor							\$	-	
Engineering							\$	-	
Parts & Supplies					\$ 50,000		\$	50,000	
Chemicals							\$	-	
Utility							\$	-	
Other							\$	-	
Total		\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000	

20 **FY 2028-29 Budget**
Carmel Area Wastewater District

Total Page Count 194

Project Name: Treatment Plant Bypass Pump
Dept: Treatment
Total Cost: \$ 75,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Influent
Asset Type: Process Equip (Gas)
Avg Useful Life: 25 years
Est Residual Life: 1 year
% Consumed Life: 80%
Category: Capital Equipment
Urgency: 2 = Very Important

Asset Description

The bypass pump is used for maintenance work and emergencies when bypass pumping is required for a treatment plant process such as moving water from a clarifier or the influent pump station. This is an important piece of equipment to retain required resiliency for the treatment plant.

Year Built: 2005
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The unit is obsolete and parts are difficult to obtain. It shows signs of wear from coastal and treatment plant environment.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies					\$ 75,000		\$	75,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000

21 **FY 2028-29 Budget**
Carmel Area Wastewater District

Total Page Count 195

Project Name: Operations Building HVAC
Dept: Treatment
Total Cost: \$ 45,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Ops Bldg
Asset Type: Support Equipment
Avg Useful Life: 12 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

Asset Description

The supply fan system provides ventilation to the influent drywell so the proper amount of air exchanges are met. This allows the space to be reclassified to non-explosion proof and prevents build up of odors.

Year Built: 2015
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The system is past its useful life and the components are obsolete. It requires replacement to maintain a safe environment in the drywell for staff.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies					\$ 45,000		\$	45,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000

22 **FY 2028-29 Budget**
Carmel Area Wastewater District

Total Page Count 196

Project Name: Treatment Plant Computer Server
 Dept: Treatment
 Total Cost: \$ 25,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Influent
 Asset Type: Process Equip (Gas)
 Avg Useful Life: 8 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 2 = Very Important

Asset Description

The operation file server provides network resources for the treatment plant. These resources includes lab data, operations data and print services.

Year Built: 2020
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

The server requires replacement to prevent downtime and loss of productivity for staff.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies					\$ 25,000		\$	25,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000

23 **FY 2029-30 Budget**
Carmel Area Wastewater District

Total Page Count 197

Project Name: Lab Vehicle ZEV (Replace Unit 20) Truck with shell
 Dept: Treatment
 Total Cost: \$ 80,000
 CY Budget \$ -
 GL Account:

Contact: Foley
 Area: Vehicle
 Asset Type: Vehicle Fleet
 Avg Useful Life: 15 years
 Est Residual Life: 1 year
 % Consumed Life: 100%
 Category: Capital Equipment
 Urgency: 3 = Important

Asset Description

Unit 20 is used for sampling in the field and inspections. It requires space for traffic control, samplers, consumable items such as sample bottles and equipment.

Year Built: 2013
 Rehabilitation Date (Extending life of Asset):
 Rehab Life Extension:

Justification

The van was purchased in 2013. As part of the State Advanced Fleet milestone requirements this truck requires replacement in 2029 for this milestone.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
 Maintenance Risk Management Corrective Maintenance
 Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies						\$ 80,000	\$	80,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ 80,000

24 **FY 2029-30 Budget**
Carmel Area Wastewater District

Total Page Count 198

Project Name: Treatment Plant Forklift
Dept: Treatment
Total Cost: \$ 50,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 15 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 2 = Very Important

Asset Description

The forklift is used to unload freight deliveries and to move equipment around the treatment plant. It is critical piece of equipment and used on a daily basis to move heavy items.

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

Justification

It is critical that the forklift be operational at all times since it is used so much. It is a major benefit since it allows staff to move heavy items which reduces the possibility of injury. The unit is well taken care of but does see a lot of use and will require replacement to prevent downtime.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies						\$ 50,000	\$	50,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

25 **FY 2029-30 Budget**
Carmel Area Wastewater District

Total Page Count 199

Project Name: Two Treatment Plant Golf Carts (Maintenance)
Dept: Treatment
Total Cost: \$ 40,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Vehicle
Asset Type: Vehicle Fleet
Avg Useful Life: 15 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 2 = Very Important

Asset Description

The maintenance utility carts are used to work on equipment in the treatment plant. Staff carries tools and parts from storage areas to work area.

Year Built: 2016
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:

Justification

The golf carts are used daily and see lots of wear. They are critical so that staff can accomplish their tasks. Reliability is important because if the unit is down then staff would have to carry tools or parts to the job which would require multiple trips and reduce efficiency significantly.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies						\$ 40,000	\$	40,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000

26 **FY 2029-30 Budget**
Carmel Area Wastewater District

Total Page Count 200

Project Name: Laboratory Dishwashers (2) (75% CAWD/25% Reclamation)
Dept: Treatment
Total Cost: \$ 35,000
CY Budget \$ -
GL Account:

Contact: Foley
Area: Lab
Asset Type: Process Equip (Chemical)
Avg Useful Life: 20 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Equipment
Urgency: 3 = Important

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):
Rehab Life Extension:

Justification

These Laboratory dishwashers are Specialty Industrial Units designed to accommodate specifically design laboratory glassware and equipment. The units are obsolete and parts are not available.

Asset Risk Management Strategy

Capital Improvement Risk Plan Rehabilitation/Replacement
Maintenance Risk Management Corrective Maintenance
Non Asset Risk Management

Funding Source

Primary Secondary

Budget Impact/Other

	Prior Yr	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies						\$ 35,000	\$	35,000
Chemicals							\$	-
Utility							\$	-
Other							\$	-
Total		\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000

Treatment Capital Projects

**CARMEL AREA WASTEWATER DISTRICT TREATMENT PLANT
LONG TERM CAPITAL PROJECTS - FY 2025/26 - 2039/40**

Item #	Project Number	PROJECT	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39	39/40	Unscheduled	Total	
PLANNED PROJECTS																					
1	19-21	Carmel River FREE Mitigation Project (Funded by Grants/County, See Below)*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2	22-03	Main Potable Water and Gas Main Replacement (5.5% Collections)	\$ 149,669	\$ 110,000	\$ 110,000	\$ 650,000	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3	22-06	Vactor Truck Unloading Station (100% Collections)	\$ 536,520	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
4	24-03	Artificial Intelligence Pilot Project	\$ 185,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
5	19-18	WWTP Perimeter Improvements	\$ 58,264	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6		Fish Passage on CAWD Sewer Crossing on the Carmel River	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	
7		Outfall Cathodic Protection Anode Bed and Rectifier Replacement	\$ -	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
8		Equipment Enclosures	\$ -	\$ 45,000	\$ 200,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
9	22-04	Plant Bridge Retrofit Project	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 200,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10		Plant Paving and Vault Lids	\$ -	\$ -	\$ 40,000	\$ 200,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
11		Plant Landscaping	\$ -	\$ -	\$ 15,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
12		Digester No. 1 - Rehabilitation	\$ -	\$ -	\$ -	\$ 150,000	\$ 760,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
13		Replace Older Turbex Blower	\$ -	\$ -	\$ -	\$ 50,000	\$ 530,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14		Influent Pump Station Wet Well Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
15		Office Trailer Replacements	\$ -	\$ -	\$ 50,000	\$ 300,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
16		Lagoon Crossing Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
17		Ocean Outfall Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
18		Next Generation PLC/SCADA Upgrades Phase 1	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
19		Septage Waste Receiving Station	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	
20		Sea Level Rise Flood Mitigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	
PROCESS AREA REHABILITATION AND MAINTENANCE PROJECTS																					
21		Misc. Yard Piping Rehab and Maintenance Projects	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 540,000	
22		Influent/Headworks/Primary Rehab and Maintenance Projects	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	
23		EQ/Blowers/Aeration/Secondary Rehab and Maintenance Projects (Partial Reclamation)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,200,000	
24		Chlorination/Dechlorination/Effluent Rehab and Maintenance Projects (Partial Reclamation)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	
25		DAFT/Digestion/Dewatering Rehab and Maintenance Projects (Partial Reclamation)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	
CAPITAL PROJECTS TOTAL				\$ 965,000	\$ 625,000	\$ 2,030,000	\$ 3,790,000	\$ 2,600,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 480,000	\$ 14,030,000	
*ESTIMATED GRANT/COUNTY FUNDING					\$ 3,500,000	\$ 3,500,000														\$ 7,000,000	
TOTAL FUNDING				\$ 965,000	\$ 4,125,000	\$ 5,530,000	\$ 3,790,000	\$ 2,600,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 590,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 480,000	\$ 21,030,000	
ESTIMATED RECLAMATION SHARE				\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 360,000	
ESTIMATED PBCSD SHARE (1)				\$ 319,330	\$ 206,110	\$ 675,990	\$ 1,262,070	\$ 865,800	\$ 176,490	\$ 176,490	\$ 176,490	\$ 176,490	\$ 176,490	\$ 176,490	\$ 0	\$ 0	\$ 0	\$ 0	\$ 159,840	\$ 4,552,110	
ESTIMATED CAWD COST				\$ 645,670	\$ 418,890	\$ 1,354,010	\$ 2,527,930	\$ 1,734,200	\$ 353,510	\$ 353,510	\$ 353,510	\$ 353,510	\$ 353,510	\$ 353,510	\$ 0	\$ 0	\$ 0	\$ 0	\$ 320,160	\$ 9,117,890	
(1) PBCSD to pay 1/3 of costs after Reclamation, Collections, or Grant funding portion is deducted, unless otherwise noted.																					
TECHNICAL STUDIES (EXPENSED TO O&M Acct# 5500 - SHOWN HERE FOR PLANNING PURPOSES)																					
26		Coastal Hazards Monitoring Plan	\$ 0	\$ 0	\$ 0	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000	
27		Coastal Hazards Response Plan	\$ 251,709	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	
28		Miscellaneous Technical Studies	\$ 0	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 875,000	
TOTAL TECHNICAL STUDIES				\$ 251,709	\$ 225,000	\$ 225,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,625,000

1 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Outfall

Project Name: **Carmel River FREE Mitigation Project (Funded by Grants/County, See Below)***

Dept.: Treatment

Asset Type: Structure

Avg Useful Life: Over 50 years

Est Residual Life: N/A

% Consumed Life: N/A

Category: CEQA Mitigation

Urgency: 3 = Important

Carry Forward: No

Total Cap Projection: \$0* *Note that cost of project is estimated at approximately \$7 Million.
CY Budget \$0* Project is being financed thru grant funds provided by County of Monterey.

Project Description

Project to underground CAWD pipelines under the lagoon to mitigate impacts from the Monterey County flood control project (Carmel River FREE). The project will be financed as part of the Carmel River FREE Project. Currently the grant from the Coastal Conservancy is paying all CAWD labor costs during the engineering/environmental/permitting stage.

Year Built: Various

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: N/A

Asset Condition Rating: N/A

Justification

Required mitigation for the Monterey County flood control project (Carmel River FREE).

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	N/A		
Safety COF	N/A		
Spill/Odor/Noise COF	N/A		
Permit/Environmental COF	N/A		
Process Functionality COF	N/A		
Cost COF	N/A		
Total COF:	N/A	Probability of Failure:	N/A

Risk Management Strategy

Capital Improvement Strategy: CEQA Mitigation

Maintenance Strategy:

Non Asset Strategy:

Funding Source

Primary Monterey County - FEMA/OES Grant Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering							\$ -
Construction							\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2 FY 2025-26 Budget
Carmel Area Wastewater District

Project Name: **Main Potable Water and Gas Main Replacement (5.5% Collections)**
 Dept.: Treatment
 Total Cap Projection: \$ 1,520,000
 CY Budget \$ 110,000

Contact: Bandy
 Area Yard Piping
 Asset Type: Pipe (Misc.)
 Avg Useful Life: Over 50 years
 Est Residual Life: Unknown
 % Consumed Life: Unknown
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Description

The project will involve reinstalling new gas and water pipelines along the utility access road to Hwy 1.

Year Built: 1980s
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: Unknown

Justification

The potable water and natural gas utility lines entering the plant are critical to the day to day operations at the WWTP. These lines currently go through the existing encasement underneath the Carmel River. These pipes are about 40 years old and the condition is unknown. The natural gas pipe is Schedule 80 PVC and is not to current code. Natural gas is used as a supplemental heat source for digester thermophilic heating, and the potable water is used for hand washing which is a critical part of employee health and safety. If either pipe were to fail under or adjacent to the river it would be extremely difficult to repair in a timely manner, and most likely new emergency lines would need to be installed along the bridge.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy:
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$149,669	\$ 110,000	\$ 110,000				\$ 220,000
Construction				\$ 650,000	\$ 650,000		\$ 1,300,000
Total	\$ 149,669	\$ 110,000	\$ 110,000	\$ 650,000	\$ 650,000	\$ -	\$ 1,520,000

3 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Bandy
Area Sewer Lines
Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: N/A
% Consumed Life: N/A
Category: Capital Improvement
Urgency: 3 = Important
Carry Forward: No

Project Name: **Vector Truck Unloading Station (100% Collections)**

Dept.: Treatment

Total Cap Projection: \$ 536,520

CY Budget \$ -

Project Description

Construction of a dedicated vector unloading station at the WWTP, including a washout bay with drainage for unloading vector waste and separating liquid residuals prior to disposal at the landfill.

Year Built: N/A

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: N/A

Asset Condition Rating: Various

Justification

The Collections Department uses their Vector Truck to clean sewer lines by vacuuming the solids removed during cleaning. The solids are ultimately disposed of at the landfill, but first they are transported to the WWTP and transferred into a dumpster for disposal. There is currently not a dedicated, engineered station for transferring these wastes.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	7	Cannot be down 1 day
Safety COF	1	No impact to Safety
Spill/Odor/Noise COF	3	Short Duration, Small qty. Event Onsite: No Complaints
Permit/Environmental COF	5	Violate Weekly Average Effluent Limitation
Process Functionality COF	5	Maintaining Process Functionality requires staff divert from other work
Cost COF	5	Major In-House Repair Work less than \$25,000
Total COF:	26	Probability of Failure: Low

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement

Maintenance Strategy:

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$192,040						\$ 192,040
Construction	\$344,480						\$ 344,480
Total	\$ 536,520	\$ -	\$ 536,520				

4 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area WWTP
Asset Type: SCADA
Avg Useful Life: 10 years
Est Residual Life: N/A
% Consumed Life: N/A
Category: Capital Improvement
Urgency: 4 = Less Important
Carry Forward: No

Project Name: **Artificial Intelligence Pilot Project**
Dept.: Treatment
Total Cap Projection: \$ 185,000
CY Budget \$ -

Project Description

This project will start CAWD on a path to using artificial intelligence algorithms for SCADA monitoring and control with a pilot project focused on anomaly detection. Artificial intelligence technology has the potential to improve prediction of pending failures in equipment and processes thus improving reliability. Anomaly detection algorithms can detect outliers in SCADA data to alert operations staff of any parameter in SCADA that is outside a statistically normal range. For the WWTP process, this would include both single variate and multivariate anomalies to detect changes in relationships between measurement parameters. In addition, as part of this project some new data would be brought into SCADA, including motor amps from VFDs, to enhance the ability of staff to monitor the condition of pumps. CAWD staff has never implemented an anomaly detection algorithm, and a consultant who has experience implementing such technology may be needed to help guide the process. A new computer would be purchased to run Artificial Intelligence programs in a sandbox approach during the pilot project. This computer would run the anomaly detection algorithm using SCADA Historian data and would alert staff of SCADA data anomalies. The computer would have dedicated processing power necessary for running AI Algorithms. Alternatively, a subscription to a Machine Learning cloud service, such as Microsoft Azure, also is an option to consider with cost of \$0.32 per 1000 data points analyzed.

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

Justification

Artificial intelligence technology has the potential to improve prediction of pending failures in equipment and processes thus improving reliability.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	N/A		
Safety COF	N/A		
Spill/Odor/Noise COF	N/A		
Permit/Environmental COF	N/A		
Process Functionality COF	N/A		
Cost COF	N/A		
Total COF:	N/A	Probability of Failure:	N/A

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy:
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$185,000						\$ 185,000
Construction							\$ -
Total	\$ 185,000	\$ -	\$ 185,000				

5 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Bandy
Area Misc. Structures

Project Name: **WWTP Perimeter Improvements**
Dept.: Treatment
Total Cap Projection: \$ 868,264
CY Budget \$ 810,000

Asset Type: Structure
Avg Useful Life: 30 years
Est Residual Life: 1 years
% Consumed Life: 99%
Category: Maintenance
Urgency: 2 = Very Important
Carry Forward: No

Project Description

This project would remove the eucalyptus trees around the plant perimeter and replace the fencing with 8' chain link fence along the existing alignment.

Year Built: 1970s
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 8

Justification

The eucalyptus trees around the perimeter of the plant pose a risk to plant staff and assets from falling limbs. Trimming these trees is an expensive recurring cost. A line of sight study was completed in 2024 and confirmed that removal of the eucalyptus trees is not expected to have any visual impact to homes in the vicinity of the plant. Fencing around the Treatment Plant facility has deteriorated and is failing in multiple locations. This work is necessary to increase the safety and security of the WWTP site.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	1	Can be out of service indefinitely
Safety COF	3	Minor Inconvenience
Spill/Odor/Noise COF	1	No Effect on Spills/Odors/Noise
Permit/Environmental COF	1	No Impact to Environment
Process Functionality COF	1	No change in Process Functionality
Cost COF	5	Major In-House Repair Work less than \$25,000
Total COF:	12	Probability of Failure: Low

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$58,264	\$ 100,000					\$ 158,264
Construction		\$ 710,000					\$ 710,000
Total	\$ 58,264	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ 868,264

6 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area River Crossing

Project Name: **Fish Passage on CAWD Sewer Crossing on the Carmel River**
Dept.: Treatment
Total Cap Projection: \$ 30,000
CY Budget \$ -

Asset Type: Pipe (Misc.)
Avg Useful Life: Over 50 years
Est Residual Life: N/A
% Consumed Life: N/A
Category: Capital Improvement
Urgency: 5 = Future
Carry Forward: No

Project Description

Installation of a 6 - 12 inch curb at the downstream face of the concrete crossing to improve adult upstream steelhead migration opportunities by to increasing flow depth over the slab. One or more narrow openings would be left between segments of curb to concentrate flow and attract fish at the location with the lowest jump height.

Year Built: n/a
Rehabilitation Date (Extending life of Asset): n/a
Rehab Life Extension: 30
Asset Condition Rating: 1 New or Excellent Condition

Justification

Waterways Consulting performed an assessment of fish passage conditions over the Carmel River sewer pipeline crossing. The crossing was identified by Trout Unlimited as a potential temporal barrier to upstream fish passage due to a hydraulic drop and the shallow flow depth conditions observed at the concrete structure. NOAA (2016) estimates that the typical upstream passage window and spawning season for adult salmonids is from January to April. Year-round passage is assumed to be desired for juveniles and rearing fish within the lower Carmel River system. Passage conditions at the crossing are driven by the relationships between the Carmel River lagoon water surface elevation, the geometry of the sewer crossing, river flow, and physical conditions of the river downstream of the crossing. The crossing pipeline presents a temporal violation of applicable design standards for jump height, velocity and flow depth. Flow depth is the most significant obstacle to adult upstream passage and also contributes to predation of adults and juvenile. The degree of non-compliance varies in magnitude and duration as a function of river and lagoon conditions at different times of the year. This option of leaving one or more narrow openings between segments of curb would slightly increase the required jump height but would still be passable under most flow conditions. It also addresses velocity and depth criteria. Crossing is currently undermined so no immediate corrective action is necessary since the crossing does not impede migration.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy:
Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Unscheduled	Total
Planning/Engineering								\$ -
Construction							\$ 30,000	\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000

7 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area Yard Piping
Asset Type: Pipe (Process Buried)
Avg Useful Life: Over 50 years
Est Residual Life: 15 years
% Consumed Life: 75%
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: **Outfall Cathodic Protection Anode Bed and Rectifier Replacement**

Dept.: Treatment

Total Cap Projection: \$ 210,000

CY Budget \$ -

Project Description

Replacement of the sacrificial anodes and associated recitifier equipment located at the WWTP Effluent building that currently provides cathodic protection for the WWTP Outfall pipe.

Year Built: 1970s, 1980s, 1990s

Rehabilitation Date (Extending life of Asset):

Rehab Life Extension:

Asset Condition Rating: Unknown

Justification

The anodes that provide the cathodic protection gradually deteriorate over time as they donate electrons to the pipeline to offset corrosion. The anodes and associated rectifier have been in service for 50 years and the anodes could be gone in the next 10 to 15 years. It is difficult to know exactly when the anodes will completely dissolve and the anodes should not be allowed to completely disappear before replacing them.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	3	Cannot be down a month
Safety COF	1	No impact to Safety
Spill/Odor/Noise COF	9	Short Duration; Large qty Event offsite; Aggressive Complaints; No Property Damage
Permit/Environmental COF	7	Violate Monthly Average Effluent Limitation or Fail Class B Biosolids
Process Functionality COF	7	Maintaining Process Functionality Requires Emergency Outside Assistance
Cost COF	5	Major In-House Repair Work less than \$25,000
Total COF:	32	Probability of Failure: Low

Risk Management Strategy

Capital Improvement Strategy:

Maintenance Strategy: Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering			\$ 60,000	\$ 50,000			\$ 110,000
Construction				\$ 100,000			\$ 100,000
Total	\$ -	\$ -	\$ 60,000	\$ 150,000	\$ -	\$ -	\$ 210,000

8 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Bandy
Area Misc. Structures
Asset Type: N/A
Avg Useful Life: N/A
Est Residual Life: N/A
% Consumed Life: N/A
Category: Capital Improvement
Urgency: 2 = Very Important
Carry Forward: No

Project Name: **Equipment Enclosures**

Dept.: Treatment

Total Cap Projection: \$ 545,000

CY Budget \$ 45,000

Project Description

Construction of a new enclosure for emergency generators, pumps and other critical assets to extend the usable life of this equipment and improve the District's ability to respond to emergencies. Expansion of the collections vehicle bay and addition of roll-up doors.

Year Built: 1970s

Rehabilitation Date (Extending life of Asset): N/A

Rehab Life Extension: N/A

Asset Condition Rating: N/A

Justification

The emergency pumps and generators used by the collections department are currently stored on grass outdoors at the plant. This exposure to salt air and potential rodent damage causes accelerated wear on this critical equipment and reduces the District's ability to respond to emergencies. Similarly the vehicles and equipment used by the collections department to perform their daily work are stored in an open equipment bay, reducing their useful life.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	N/A		
Safety COF	N/A		
Spill/Odor/Noise COF	N/A		
Permit/Environmental COF	N/A		
Process Functionality COF	N/A		
Cost COF	N/A		
Total COF:	N/A	Probability of Failure:	N/A

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement

Maintenance Strategy:

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering		\$ 45,000					\$ 45,000
Construction			\$ 200,000	\$ 300,000			\$ 500,000
Total	\$ -	\$ 45,000	\$ 200,000	\$ 300,000	\$ -	\$ -	\$ 545,000

9 FY 2025-26 Budget
Carmel Area Wastewater District

Project Name: **Plant Bridge Retrofit Project**
Dept.: Treatment
Total Cap Projection: \$ 1,300,000
CY Budget \$ -

Contact: Treanor
Area N/A
Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: 15 years
% Consumed Life: 75%
Category: Maintenance
Urgency: 5 = Future
Carry Forward: No

Project Description

Structural rehabilitation of existing plant bridge to maintain functionality and safety of structure.

Year Built: 1930s
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: 7 Significant Deterioration

Justification

The bridge over the river provides access to assets on the north side of the river and also for access to the WWTP from the North if the plant access road is flooded. Maintaining this bridge is possible. CAWD maintains our natural gas service and also main trunk system lines. The fact that the bridge is intact after almost 90 years of service with essentially no maintenance is an indication of the quality of the construction. However, the bridge was evaluated by a structural design firm in 2011 and was found to have deficiencies during a large seismic event and vulnerable if it is hit by a large tree during an extreme flood event. Also, there may be value to the community in the future for coastal trails if the bridge was improved for use by the general public as a pedestrian bridge for potential future coastal scenic walking trail connecting the State Park to Carmel-by-the-Sea

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering			\$150,000	\$150,000	\$200,000	\$100,000	\$600,000
Construction						\$700,000	\$700,000
Total	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 200,000	\$ 800,000	\$ 1,300,000

10 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Bandy
Area Misc. Structures
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: **Plant Paving and Vault Lids**
Dept.: Treatment
Total Cap Projection: \$ 540,000
CY Budget \$ -

Project Description

Repaving and traffic striping inside the treatment plant grounds. Replacement of failing vault lids in various locations.

Year Built: Various
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: Various

Justification

The paved areas of the plant are used for moving vehicle and equipment as needed to perform daily work. The pavement needs to be maintained and traffic striping needs to be painted to improve the safety and efficiency of vehicular traffic throughout the plant. There are numerous vault lids in paved and unpaved areas that have broken hinges and in some cases failing concrete which are unsafe for inspections and operations work.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	Various		
Safety COF	Various		
Spill/Odor/Noise COF	Various		
Permit/Environmental COF	Various		
Process Functionality COF	Various		
Cost COF	Various		
Total COF:	Various	Probability of Failure:	Various

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering			\$40,000				\$ 40,000
Construction				\$ 200,000	300000		\$ 500,000
Total	\$ -	\$ -	\$ 40,000	\$ 200,000	\$ 300,000	\$ -	\$ 540,000

11 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Bandy
Area WWTP
Asset Type: Landscaping
Avg Useful Life: 40 years
Est Residual Life: 1 year
% Consumed Life: 100%
Category: Capital Improvement
Urgency: 4 = Less Important
Carry Forward: No

Project Name: **Plant Landscaping**
Dept.: Treatment
Total Cap Projection: \$ 95,000
CY Budget \$ -

Project Description

Landscaping improvements throughout the plant to improve cleanliness, safety and visual appeal.

Year Built: N/A
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 8

Justification

Many areas of the plant are insufficiently landscaped or hardscaped for safe operations and maintenance activities, including unpaved areas surrounding structures at the plant that make operating heavy machinery difficult and unsafe. Weeds and overgrown vegetation impede safe travel through the plant on foot or on cart. Besides the necessary landscaping and hardscaping to improve the ability of staff to complete daily work, the plant would also benefit from aesthetic improvements. The District receives visitors during tours, and a future Bridge to Everywhere project would greatly increase the visibility of the plant to the community, so improving the visual quality of the plant will show pride of ownership and provide a positive impression to the public.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	N/A		
Safety COF	N/A		
Spill/Odor/Noise COF	N/A		
Permit/Environmental COF	N/A		
Process Functionality COF	N/A		
Cost COF	N/A		
Total COF:	N/A	Probability of Failure:	N/A

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy:
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering			\$15,000				\$ 15,000
Construction				\$ 80,000			\$ 80,000
Total	\$ -	\$ -	\$ 15,000	\$ 80,000	\$ -	\$ -	\$ 95,000

12 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Digesters

Project Name: **Digester No. 1 - Rehabilitation**
Dept.: Treatment
Total Cap Projection: \$ 910,000
CY Budget \$ -

Asset Type: Process Equip (Solid)
Avg Useful Life: Over 50 years
Est Residual Life: 25 years
% Consumed Life: 60%
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Description

Maintenance and repairs to the improve the condition of the steel cover and the concrete walls. Upgrades for the electrical and mechanical systems for the tank mixing process.

Year Built: 1972
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 7 Significant Deterioration

Justification

Digester #1 is one of two digesters which serve the treatment plant. This tank is essential to providing digestion process redundancy. The Digester tanks are critical for stabilization of sludge before dewatering to meet Class B biosolids disposal regulations. CAWD has two functional primary digesters that are intended as redundant units so that one unit can be taken offline for maintenance without negative impacts to the sludge treatment process. The concrete walls and steel cover exhibit signs of deterioration and should be repaired to improve the condition. Also, the tank mixing equipment and associated electrical is past its useful life and needs to be replaced to keep this tank in reliable operating condition.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering Construction				\$ 150,000	\$ 100,000		\$ 250,000
				\$ 660,000			\$ 660,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 760,000	\$ -	\$ 910,000

13 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor

Area Blower Bldg.

Asset Type: Process Equip (Gas)

Avg Useful Life: 30 years

Est Residual Life: 10 years

% Consumed Life: 66%

Category: Maintenance

Urgency: 4 = Less Important

Carry Forward: No

Project Name: **Replace Older Turblex Blower**
Dept.: Treatment
Total Cap Projection: \$ 580,000
CY Budget \$ -

Project Description

This project will include evaluating installation of a smaller blower, or replacement of the Lamson blower that was installed in the 1970's.

Year Built: 1972, 1992
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: 5 Moderate Deterioration

Justification

Continuous air supply is a critical component for aeration processes within wastewater treatment. A reliable low pressure blower system with full redundancy is essential to provide continuous operation of the critical aeration process. Two blowers are required to meet equipment redundancy requirements for the aeration process. The new turblex blower was installed in 2017 and serves as the lead/duty blower. The old turblex blower installed in 1997 had previously served as the lead/duty blower reliably for 20 years prior to the new blower being installed in 2017. Improvement of reliability is being planned prior to the new blower reaching 10 years in operating service. If it is determined that energy savings could benefit the District during low flow periods, a smaller blower may be proposed.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering Construction				50,000			\$ 50,000
					\$ 530,000		\$ 530,000
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ 530,000	\$ -	\$ 580,000

14 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Influent Building

Project Name: **Influent Pump Station Wet Well Repairs**
Dept.: Treatment
Total Cap Projection: \$ 300,000
CY Budget \$ -

Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: 30 years
% Consumed Life: 40%
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Description

Recoating of influent wet well to control concrete corrosion.

Year Built: 1982
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: 5 Moderate Deterioration

Justification

The influent wet well provides storage during pumping of plant influent to the Headworks. The wet well is subject to corrosive conditions which degrade concrete over time and if left unchecked the corrosion can extend into the rebar which is much more expensive to repair than the outer concrete layer. The influent wet well is a critical component of the conveyance of the raw wastewater to the treatment system. Repairing the concrete (method will likely be coating) as a preventative maintenance activity avoids degradation of reinforcing steel which would be much more costly to repair and damaging to the structural integrity. This wet well was identified in the asset management risk evaluations as being a candidate for repairs in the near term due to Consequence of Failure and Probability of Failure.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering						\$ 100,000	\$ 100,000
Construction						\$200,000	\$ 200,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

15 FY 2025-26 Budget
 Carmel Area Wastewater District

Contact: Bandy
 Area Misc. Structures

Project Name: **Office Trailer Replacements**
 Dept.: Treatment
 Total Cap Projection: \$ 700,000
 CY Budget \$ -

Asset Type: Structure
 Avg Useful Life: 15 years
 Est Residual Life: 5 years
 % Consumed Life: 80%
 Category: Capital Equipment
 Urgency: 2 = Very Important
 Carry Forward: No

Project Description

Replacement of office trailers. Work to include site work, grading, utilities, concrete pad and modular structure (either a steel structure or prefabricated building).

Year Purchased: 1999, 2009, 2013, 2019 Note: the trailers were not purchased as "New"
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 5 Moderate Deterioration

Justification

About 7 staff currently use four mobile trailers for office space at the WWTP. The trailers are critical for staff to perform their work, but they are in disrepair and do not provide sufficient office space for current or future staff. The District incurs significant ongoing costs to maintain these structures.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Corrective Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering			\$ 50,000	\$ 50,000			\$ 100,000
Construction				\$ 250,000	\$ 350,000		\$ 600,000
Total	\$ -	\$ -	\$ 50,000	\$ 300,000	\$ 350,000	\$ -	\$ 700,000

16 FY 2025-26 Budget
 Carmel Area Wastewater District

Contact: Treanor
 Area Outfall
 Asset Type: Various
 Avg Useful Life: Various
 Est Residual Life: Various
 % Consumed Life: Various
 Category: Maintenance
 Urgency: 5 = Future
 Carry Forward: No

Project Name: **Lagoon Crossing Rehabilitation**

Dept.: Treatment

Total Cap Projection: \$ 500,000

CY Budget \$ -

Project Description

Potential rehabilitation of Lagoon Crossing Structure to maintain condition. Project may include driving a new set of piles in the lagoon to maintain the existing structure.

Year Built: Various

Rehabilitation Date (Extending life of Asset): 2019

Rehab Life Extension: N/A

Asset Condition Rating: 4

Justification

The Outfall Pipeline and Calle La Cruz Forcemain are in acceptable condition. Rehabilitation may be needed in the future and may include driving new piles.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	Various
Safety COF	Various
Spill/Odor/Noise COF	Various
Permit/Environmental COF	Various
Process Functionality COF	Various
Cost COF	Various

Total COF: Various Probability of Failure: Various

Risk Management Strategy

Capital Improvement Strategy:

Maintenance Strategy: Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$ -					\$ 50,000	\$ 50,000
Construction	\$ -					\$ 450,000	\$ 450,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

17 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area Outfall
Asset Type: Structure
Avg Useful Life: Over 50 years
Est Residual Life: 20 years
% Consumed Life: 60%
Category: Maintenance
Urgency: 5 = Future
Carry Forward: No

Project Name: **Ocean Outfall Rehabilitation**
Dept.: Treatment
Total Cap Projection: \$ 1,000,000
CY Budget \$ -

Project Description

Emergency repairs to the ocean outfall in the event of damage.

Year Built: 1970
Rehabilitation Date (Extending life of Asset):
Rehab Life Extension:
Asset Condition Rating: 2

Justification

The ocean outfall is a critical asset to the NPDES permit as the diffusion in the outfall is required by the permit to meet the initial dilution requirements. The design of the outfall appears to be very good in that it is bedded on the granite shelf and the ocean-facing side is concrete encased for protection. The outfall pipeline in the ocean was installed in the 1970s and has experienced a break only one time - in 2007. That break in the pipeline cost \$647,504 to repair. The cause of the break remains unknown. Repair to the WWTP outfall in the event annual inspections reveal a defect or emergency repair as a result of storm damage. Actual timeframe will depend on ongoing inspections of the outfall. Underwater inspections this past year found no defects.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	7	Cannot be down 1 day
Safety COF	5	Minor Injury/Health Risk (Readily Treatable)
Spill/Odor/Noise COF	1	No Effect on Spills/Odors/Noise
Permit/Environmental COF	7	Violate Monthly Average Effluent Limitation or Fail Class B Biosolids
Process Functionality COF	7	Maintaining Process Functionality Requires Emergency Outside Assistance
Cost COF	7	Emergency Contractor Needed to Address Failure (less than \$500,000)
Total COF:	34	Probability of Failure: Medium

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy: Corrective Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$ -					\$ 200,000	\$ 200,000
Construction	\$ -					\$ 800,000	\$ 800,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

18 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area: Various
Asset Type: SCADA
Avg Useful Life: 15 years
Est Residual Life: 15 years
% Consumed Life: 0%
Category: Maintenance
Urgency: 5 = Future
Carry Forward: No

Project Name: **Next Generation PLC/SCADA Upgrades Phase 1**
Dept.: Treatment
Total Cap Projection: \$ 1,000,000
CY Budget \$ -

Project Description

Upgrades to PLC and SCADA equipment to keep up with obsolescence of technology.

Year Built: 1972
Rehabilitation Date (Extending life of Asset): 2019
Rehab Life Extension: 25
Asset Condition Rating: 2

Justification

SCADA software and PLC equipment are critical to the monitoring and operation of the WWTP. These assets can fail and the availability of replacement parts is a driver for replacement as technology changes. Most likely PLC equipment and SCADA software currently installed will be obsolete in 15 years with newer technology providing better service.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	10	Cannot be down 1 hour
Safety COF	7	Moderate Injury/Health Risk (Short Recovery)
Spill/Odor/Noise COF	7	Short Duration; Large qty Event offsite; Aggressive Complaints; No Property Damage
Permit/Environmental COF	9	Minor Environmental Damage, but Ecosystem can Recover
Process Functionality COF	7	Maintaining Process Functionality Requires Emergency Outside Assistance
Cost COF	5	Major In-House Repair Work less than \$25,000
Total COF:		45
		Probability of Failure: Low

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy: Predictive & Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Total
Planning/Engineering	\$ -				\$ 200,000		\$ 200,000
Construction	\$ -				\$ 800,000		\$ 800,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

19 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area Misc. Structures

Project Name: **Septage Waste Receiving Station**
Dept.: Treatment
Total Cap Projection: \$ 150,000
CY Budget \$ -

Asset Type: Various
Avg Useful Life: Various
Est Residual Life: N/A
% Consumed Life: N/A
Category: Capital Improvement
Urgency: 5 = Future
Carry Forward: No

Project Description

Construction of a new Wet Waste/Septage receiving station to be located adjacent to the new Digester. Station would be able to receive up to 10,000gal/day (2 tankers of ~ 5,000 gal size) of material and would be injected directly into the Digester to avoid increasing the biological load on the aeration system.

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

Justification

Preliminary design of a septage receiving facility was conducted by Kennedy/Jenks Consultants and it was concluded that the construction of this facility would pay for itself in revenue in about 10 years. Staff feels that this service would be a good source of revenue and will benefit local septic haulers in that they wouldn't have to drive as far to dispose of the waste. Adding a septage receiving facility is not critical to the operation of the treatment plant or to improving reliability. The existing grease receiving station can be utilized for food waste but not for septage. This project can be re-evaluated every couple of years to see if there is merit or desire for CAWD to provide septage receiving.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	N/A		
Safety COF	N/A		
Spill/Odor/Noise COF	N/A		
Permit/Environmental COF	N/A		
Process Functionality COF	N/A		
Cost COF	N/A		
Total COF:	N/A	Probability of Failure:	N/A

Risk Management Strategy

Capital Improvement Strategy: N/A
Maintenance Strategy: N/A
Non Asset Strategy: N/A

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Unscheduled	Total
Planning/Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

20 FY 2025-26 Budget
Carmel Area Wastewater District

Contact: Treanor
Area WWTP
Asset Type: Various
Avg Useful Life: 50 years
Est Residual Life: Various
% Consumed Life: Various
Category: Capital Improvement
Urgency: 5 = Future
Carry Forward: No

Project Name: **Sea Level Rise Flood Mitigation**

Dept.: Treatment

Total Cap Projection: \$ 300,000

CY Budget \$ -

Project Description

Some future work to mitigate impacts of climate change. CAWD completed a sea level rise study in 2018 that indicates that the treatment plant will be vulnerable to increased riverine flooding in future days resulting from climate change. The plant has been designed to operate during floods, however if the base flood elevation increases above the current level of protection then improvements would need to be made to mitigate higher flood levels.

Year Built: 1970s - 2010s

Rehabilitation Date (Extending life of Asset):

Rehab Life Extension: N/A

Asset Condition Rating:

Justification

Increased riverine flood levels onsite in future extreme sea level rise scenarios could cause NPDES permit violations.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact	10	Cannot be down 1 hour
Safety COF	7	Moderate Injury/Health Risk (Short Recovery)
Spill/Odor/Noise COF	9	Short Duration; Large qty Event offsite; Aggressive Complaints; No Property Damage
Permit/Environmental COF	9	Minor Environmental Damage, but Ecosystem can Recover
Process Functionality COF	9	Loss of Process Functionality for less than 1 week
Cost COF	9	Regulatory Fines and Lawsuits + Emergency Contractor Needed (less than \$1 Million)
Total COF:	53	Probability of Failure: Low

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
Maintenance Strategy: Predictive & Preventative Maintenance
Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	Unscheduled	Total
Planning/Engineering							\$ 100,000	\$ 100,000
Construction							\$ 200,000	\$ 200,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

21 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Various
 Asset Type: Pipe (Process Buried)
 Avg Useful Life: Over 50 years
 Est Residual Life: Various
 % Consumed Life: Various
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: **Misc. Yard Piping Rehab and Maintenance Projects**
 Dept.: Treatment
 Total Cap Projection: \$900,000
 CY Budget \$ -

Project Description

After inspections of select buried piping segments that have a high consequence of failure, it may be found that the buried pipeline should be rehabilitated. An allowance is

Year Built: Various
 Rehabilitation Date (Extending life of Asset): Various
 Rehab Life Extension: 30
 Asset Condition Rating: 5 Moderate Deterioration

Justification

Piping level of service to carry fluids, gas or chemicals without leaks or breaks. Leaks and breaks should be proactively mitigated to avoid spills to the environment.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact Various
 Safety COF Various
 Spill/Odor/Noise COF Various
 Permit/Environmental COF Various
 Process Functionality COF Various
 Cost COF Various

Total COF: Various Probability of Failure: Various

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Corrective Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	30/31	31/32	32/33	33/34	34/35	35/36	Total
Planning/Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$900,000
Total	\$ -	\$ 90,000	\$ 900,000					

22 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area: Various
 Asset Type: Various
 Avg Useful Life: Various
 Est Residual Life: Various
 % Consumed Life: Various
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: **Influent/Headworks/Primary Rehab and Maintenance Projects**
 Dept.: Treatment
 Total Cap Projection: \$ 1,000,000
 CY Budget \$ -

Project Description

The Influent/Headwork/Primary provides removal provides influent conveyance of wastewater and removal of settleable solids. To maintain these facilities in good condition will require future investment in rehabilitation and maintenance activities. The exact work is not known at this time. The budget for this maintenance project work is a small percentage of the replacement cost of these assets as developed in the asset management work.

Year Built: Various
 Rehabilitation Date (Extending life of Asset): Various
 Rehab Life Extension: Various
 Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring major replacement work.

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Predictive & Preventative Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	30/31	31/32	32/33	33/34	34/35	35/36	Total
Planning/Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,000,000
Total	\$ -	\$ 100,000	\$ 1,000,000					

23 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area: Various
 Asset Type: Various
 Avg Useful Life: Various
 Est Residual Life: Various
 % Consumed Life: Various
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: **EQ/Blowers/Aeration/Secondary Rehab and Maintenance Projects (Partial Reclamation)**
 Dept.: Treatment
 Total Cap Projection: \$ 2,000,000
 CY Budget \$ -

Project Description

The Blowers/Aeration/Secondary processes provide removal of Biological Oxygen Demand and light settleable solids. To maintain these facilities in good condition will

Year Built: Various
 Rehabilitation Date (Extending life of Asset): Various
 Rehab Life Extension: Various
 Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring Reclamation share of work will be dependent on whether portion of work is for the benefit of reclamation production. The Equalization (EQ) system and the nitrification

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact: Various
 Safety COF: Various
 Spill/Odor/Noise COF: Various
 Permit/Environmental COF: Various
 Process Functionality COF: Various
 Cost COF: Various

Total COF: Various Probability of Failure: Various

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement
 Maintenance Strategy: Predictive & Preventative Maintenance
 Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	30/31	31/32	32/33	33/34	34/35	35/36	Total
Planning/Engineering								
Construction		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,000,000
Total	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000

25 **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Treanor
Area: Various
Asset Type: Various
Avg Useful Life: Various
Est Residual Life: Various
% Consumed Life: Various
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Project Name: **DAFT/Digestion/Dewatering Rehab and Maintenance Projects (Partial Reclamation)**

Dept.: Treatment

Total Cap Projection: \$ 1,500,000

CY Budget

Project Description

The DAFT/Digestion/Dewatering systems provide treatment of sludge and waste streams and removal of solids from the treatment plant. To maintain these facilities in good

Year Built: Various

Rehabilitation Date (Extending life of Asset): Various

Rehab Life Extension: Various

Asset Condition Rating: Various

Justification

Exact project work is not known at this time. Investment in maintenance activities to address condition issues will keep existing infrastructure from degrading and requiring major replacement work. Reclamation share of work will be dependent on whether portion of work is for the benefit of reclamation production. The DAFT system is used by the Reclamation Project for treatment of MF Backwash and membrane cleaning waste.

Condition Rating / Consequence of Failure (COF)

Loss of Service Impact: Various

Safety COF: Various

Spill/Odor/Noise COF: Various

Permit/Environmental COF: Various

Process Functionality COF: Various

Cost COF: Various

Total COF: Various

Probability of Failure: Various

Risk Management Strategy

Capital Improvement Strategy: Plant Rehabilitation/Replacement

Maintenance Strategy: Predictive & Preventative Maintenance

Non Asset Strategy:

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	30/31	31/32	32/33	33/34	34/35	35/36	Total
Planning/Engineering								
Construction		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,500,000
Total	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,500,000

26 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area WWTP

Project Name: **Coastal Hazards Monitoring Plan**
 Dept.: Treatment
 Total Cap Projection: See O&M Budget
 CY Budget See O&M Budget

Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Study
 Urgency: 3 = Important
 Carry Forward: No

Project Description

Pending Coastal Commission Direction - The Coastal Hazards Monitoring Plan shall establish the framework and parameters for: 1) regularly monitoring flood and other coastal hazards at the Plant and management responses, 2) identifying how those hazards are impacting and affecting the operations of the Plant, 3) identifying changes necessary to allow continued appropriate and required functioning of the Plant, 4) identifying flood/hazard "triggers" to establish when actions need to be pursued in response to specific flood/hazard events, and 5) evaluating how area and regional projects regarding flood control projects proposed in the vicinity of the WWTP will impact the plant.

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

Justification

This work is being proposed by the California Coastal Commission as part of Coastal Development Permitting.

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy:
 Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	27/28	28/29	29/30	30/31	31/32	32/33	Total
Planning/Engineering		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$325,000
Construction								
Total	\$ -	\$ 25,000	\$ 325,000					

27 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Project Name: **Coastal Hazards Response Plan**
 Dept.: Treatment
 Total Cap Projection: See O&M Budget
 CY Budget See O&M Budget

Contact: Treanor
 Area WWTP
 Asset Type: N/A
 Avg Useful Life: N/A
 Est Residual Life: N/A
 % Consumed Life: N/A
 Category: Study
 Urgency: 3 = Important
 Carry Forward: No

Project Description

Per Coastal Commission - A response plan shall build upon the sea level rise work already completed, and the coastal hazards monitoring. This study shall compare the costs and benefits of maintaining the WWTP in its current location vs relocating the treatment facilities and look at alternatives for relocation.

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

Justification

This work is being proposed by the California Coastal Commission as part of Coastal Development Permitting.

Risk Management Strategy

Capital Improvement Strategy:
 Maintenance Strategy:
 Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	30/31	Total
Planning/Engineering	\$251,709	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Construction								
Total	\$ 251,709	\$ 100,000						

28 FY 2025-26 Budget
Carmel Area Wastewater District

Project Name: **Miscellaneous Technical Studies**
Dept.: Treatment
Total Cap Projection: See O&M Budget
CY Budget See O&M Budget

Contact: Treanor
Area WWTP
Asset Type: N/A
Avg Useful Life: N/A
Est Residual Life: N/A
% Consumed Life: N/A
Category: Study
Urgency: 3 = Important
Carry Forward: No

Project Description

Technical studies as may be necessary to evaluate technical issues or opportunities at the WWTP.

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

Justification

Being prepared for opportunities or issue mitigations by advance study/review will allow CAWD to be proactive in management and operation of the WWTP.

Risk Management Strategy

Capital Improvement Strategy:
Maintenance Strategy:
Non Asset Strategy: Strategic Changes to Level of Service

Funding Source

Primary Capital Budget Secondary

Budget Impact/Other

	Estimated Prior Spent Thru 25/26	25/26	26/27	27/28	28/29	29/30	30/31	31/32
Planning/Engineering		\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000
Construction								
Total	\$ -	\$ 125,000						

Administration Capital Projects

2 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Barringer
 Area Administration

Project Name: Replace Admin Office Carpeting
 Dept.: Administration
 5 yr. Cap Projection: \$ 42,000.00
 CY Budget \$ 42,000.00
 GL Account:

Asset Type: N/A
 Avg Useful Life: 20 years%
 Est Residual Life: 0%
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

It is anticipated that the Administration office building carpeting, which has never been replaced, will need to be replaced within the next 5 years. 500 square yards at \$45/yard. To prolong the carpet life, staff proposes to include a maintenance item to professionally clean the carpets each years.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

The carpets were cleaned in 2021 and were successful in removing large stains; however, the high traffic areas remain badly worn and soiled. Given the age of the carpet it is not surprising that it is showing wear. We tiled the entry way and hallway roughly 6 years ago because of the condition of the carpet. The general recommendation for the life of commercial carpeting is 10 years.

Asset Risk Management Strategy

Capital Improvement Risk: N/A
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management: N/A

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$ 27,000	\$ 27,000
Total		\$	- \$	- \$	- \$	- \$	- \$ 27,000	\$ 27,000

4 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Replace Admin Office Furnace
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

It is anticipated that the Administrative Office building furnaces will need to be replaced at some future date. There are a total of three furnaces in the building. We have had intermittent repairs on the system and replaced two units as they failed - last in 2009. We continue to annually change the filters.

Year Built: N/A
 Rehabilitation Date (Extending life of Asset): 1990
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Because the furnaces are relatively easy to repair/replace we will continue to handle these on a run-to-fail basis.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary	Capital Reserves	Secondary							Total
Budget Impact/Other		Prior Yr.	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
	Labor							\$	-
	Engineering							\$	-
	Parts & Supplies							\$	-
	Chemicals							\$	-
	Utility							\$	-
	Other							\$ 6,500	\$ 6,500
	Total		\$	\$	\$	\$	\$	\$ 6,500	\$ 6,500

5 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Admin Roof
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 30 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The roof at the Admin offices is composite shingle. The average lifespan of asphalt shingles ranges from 20-40 years.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

The roof will be 35 years old in 2025. We will continue to monitor its condition but estimate that it may still have some life remaining. At this tie the plan is to replace with like roofing.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary Operating Reserves Secondary

Budget Impact/Other

	Prior Yr.	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$ 70,000	\$ 70,000
Total		\$ -	\$ 70,000	\$ 70,000				

6 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Administration
 Asset Type: N/A
 Avg Useful Life: 50 years
 Est Residual Life: 0 yrs
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: Front Porch settling
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Description

The concrete front porch to the Admin Building has settled approximately 1-2 inches since it was initially poured in 1990. Settlement is likely due to improper/non-existent footings/foundations under the porch.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

The options to solve this problem include: 1) Rip out and build new, (2) Dig underneath and jack it up a bit above where it belongs, pour a new footer below, and then set it back down, and (3) Leave it as is and build something new over the top of it that makes it "disappear". Mudjacking, also referred to as slabjacking, concrete raising or pressure grouting, is the process of raising concrete slabs by hydraulically pumping a grout mixture mixed with cement under the concrete slab. The procedure may provide a solution to the settling experienced on the building front porch. The District will invite contractors experienced in these techniques to the site for analysis of which method will provide the best results.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary	Capital Reserves	Secondary							Unscheduled	Total
Budget Impact/Other										
	Prior Yr.	25-26	26-27	27-28	28-29	29-30				
Labor									\$	-
Engineering									\$	-
Parts & Supplies									\$	-
Chemicals									\$	-
Utility									\$	-
Other								\$	35,000	\$ 35,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000

7 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Administration

Project Name: Update bathrooms - tile & paint
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 0
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Asset Description

The bathroom in the Admin Offices were tiled and painted in 1990 when the building was completed. After 40 years it is time to update the paint and tile.

Year Built: 1990
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Bathroom appears dated - when interior walls are painted, restroom should also be done. Tile should extend up walls for splash purposes.

Asset Risk Management Strategy

Capital Improvement Risk:
 Maintenance Risk Management: Predictive & Preventative Maintenance
 Non Asset Risk Management:

Funding Source

Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other							\$ 25,000	\$ 25,000
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000

8 **FY 2025-26 Budget**
 Carmel Area Wastewater District

Contact: Treanor
 Area Administration
 Asset Type: N/A
 Avg Useful Life: 10 years
 Est Residual Life: 0 years
 % Consumed Life: 100%
 Category: Maintenance
 Urgency: 3 = Important
 Carry Forward: No

Project Name: Bridge to Everywhere
 Dept.: Administration
 5 yr. Cap Projection: \$ -
 CY Budget \$ -
 GL Account:

Asset Description

Project to rehabilitate bridge across Carmel River with construction of parkland entrance. Original approval for \$100K on 12-14-23 Resolution # 2023-73.

Year Built: 1938
 Rehabilitation Date (Extending life of Asset): N/A
 Rehab Life Extension: N/A
 Asset Condition Rating: 4

Justification

Bridge was built in 1938 and is in serious need of rehabilitation. CAWD needs the bridge to provide access to staff in the event of flooding.

Asset Risk Management Strategy

Capital Improvement Risk: Plant Rehabilitation & Replacement
 Maintenance Risk Management:
 Non Asset Risk Management:

Funding Source

Primary	Capital Reserves	Secondary								
Budget Impact/Other										
	Prior Yr.	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total		
Labor								\$	-	
Engineering								\$	-	
Parts & Supplies								\$	-	
Chemicals								\$	-	
Utility								\$	-	
Other	\$15,000	\$ 85,000						\$	85,000	
Total		\$ 85,000	\$ -	\$ 85,000						

a **FY 2025-26 Budget**
Carmel Area Wastewater District

Contact: Foley
Area Administration

Project Name: Admin Copy Machine
Dept.: Administration
5 yr. Cap Projection: \$ 10,500.00
CY Budget \$ -
GL Account:

Asset Type: N/A
Avg Useful Life: 7 years
Est Residual Life: 5 year
% Consumed Life: 70%
Category: Maintenance
Urgency: 3 = Important
Carry Forward: No

Asset Description

The current machine was purchased in 2019 for \$7,865. The technician, and our own experience, advises that the typical lifespan is 5-7 years. Budget assumes a 4% increase per year from 2019. The cost includes a pedestal and additional paper drawers to accommodate regular, legal, and ledger size paper.

Year Purchased: 2019
Rehabilitation Date (Extending life of Asset): N/A
Rehab Life Extension: N/A
Asset Condition Rating: 4

Justification

The Admin copy machine receives considerable use every working day and is a critical piece of office equipment. While technology will certainly continue to change, based on current average usage we are planning for its replacement with an equivalent machine. This machine carries the largest load of copy and print volume for the District and is the conduit between copy/scan/fax/email of document in Admin and the rest of the plant. The usage on this machine is heavy due to printing of board packets and other project material. Staff must have the ability to print/scan/fax from the Admin Office to ensure continued work flow without interruption.

Asset Risk Management Strategy

Capital Improvement Risk:
Maintenance Risk Management: Predictive & Preventative Maintenance
Non Asset Risk Management:

Funding Source

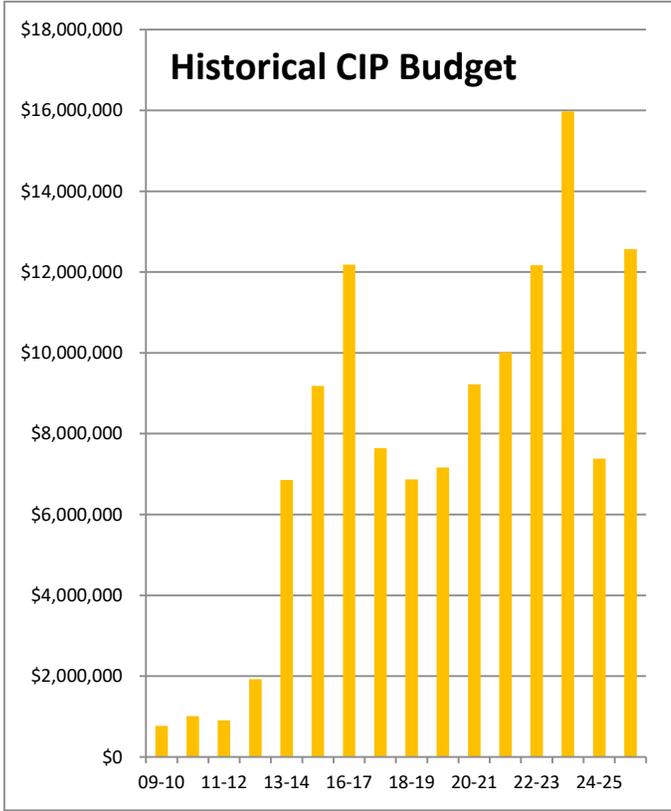
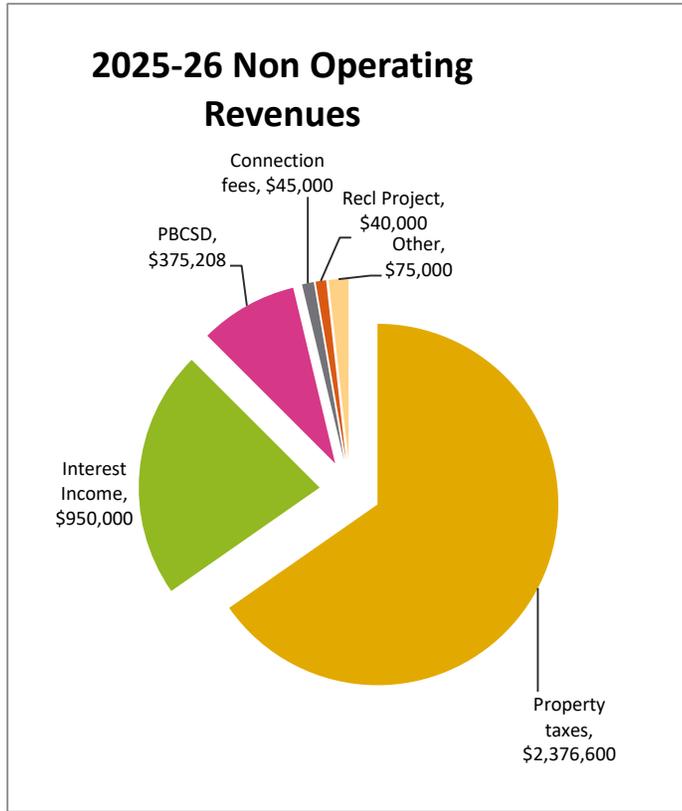
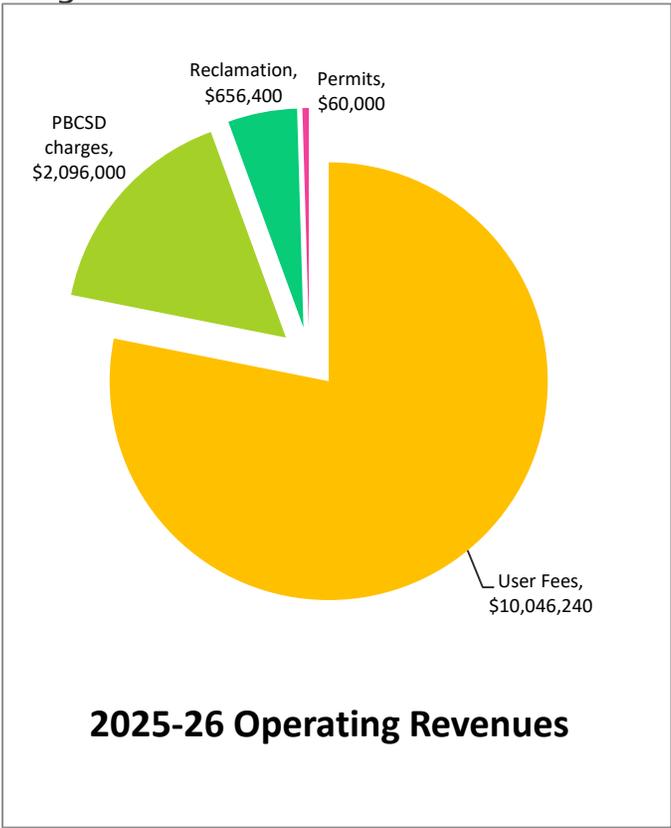
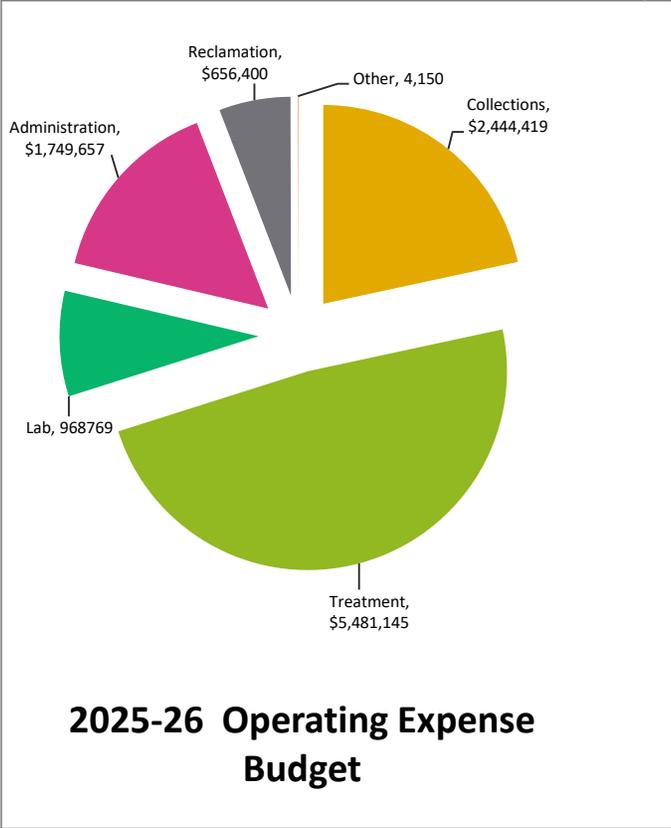
Primary Capital Reserves Secondary

Budget Impact/Other

	Prior Yr.	25-26	26-27	27-28	28-29	29-30	Unscheduled	Total
Labor							\$	-
Engineering							\$	-
Parts & Supplies							\$	-
Chemicals							\$	-
Utility							\$	-
Other					\$ 10,500		\$	10,500
Total		\$ -	\$ -	\$ -	\$ 10,500	\$ -	\$ -	\$ 10,500

Budget Graphs

Budget 2025-26



District Map

Carmel Area Wastewater District - Service Area with Parcels



Appendices

Technical Terms

Technical Terms

Account – A record of a business transaction.

Accounting System – The structure of records and procedures that discovers, records, classifies, summarizes, and reports information on the financial position and results of operations of the District as a governmental entity.

Accrual Basis – The recognition of a revenue or expense in a fiscal year even though the actual cash may not be received or paid until the following year.

Ad Valorem Tax (A/V) - A tax based upon the value of real property.

Adoption – Formal action by the Board of Directors. The adoption of the budget sets the financial framework for subsequent fiscal year(s).

Agency Treatment Charges – Revenues derived from long-term contracts with other entities to whom the District provides sewage treatment, such as Pebble Beach Community Services District and California State Parks at Point Lobos.

Allocation of Expenses – The manner in which revenues and expenses are accounted for in the different service functions of the District. For example: sewage collection, treatment and disposal. This function is further divided into Operations and Maintenance (O&M), Capital Purchases, and Capital Improvement Program (CIP).

Amortization – The spreading out of capital expenses for intangible assets over a specific

period of time (usually over the asset's useful life) for accounting purposes. Amortization is similar to depreciation, which is used for tangible assets, and to depletion, which is used with natural resources.

Assets – Resources owned by the District

Asset Management – Maintaining a desired level of service for optimal asset performance at the lowest life-cycle cost. Lowest life-cycle cost refers to the best appropriate cost for rehabilitating, repairing or replacing an asset.

Authorized Positions – Number of staff positions authorized for the fiscal year.

Average Dry Weather Flow – The average non-storm flow over 24 hours during the dry months of the year (May through September). It is composed of the average sewage flow and the average dry weather inflow and infiltration.

Biochemical Oxygen Demand – the amount of dissolved oxygen needed (i.e. demanded) by aerobic biological organisms to break down organic material present in a given water sample at certain temperature over a specific time period. BOD is used as a gauge of the effectiveness of wastewater treatment plants.

Biosolids – Sludge residual from the treatment process.

Budget – The District's financial plan for a given period of time, which includes revenues, expense, and other expenditures

that provide funding for services provided to District customers. It contains an Operating Budget and a Capital Budget.

- **Operating Budget** – The financial plan for non-capital revenues and expenses.
- **Capital Budget** – The financial plan of capital expenditures, part of the long-range plan.

Capital Assets – Assets owned by the District that have a useful life of more than 1 year and a cost of over \$10,000. Capital assets include land, buildings, machinery, equipment, and major improvements and rehabilitation that extend the useful life of an asset by 1 year or more.

Capital Costs – Costs of facility expansion, facility upgrades, major rehabilitation or construction/replacement to extend the useful life of the facility.

Capital Improvement Program (CIP) – Accounts for revenues, capital contributions, and repayments, and allocates designated resources for capital improvements such as construction, purchase of new facilities and equipment, or major reconstruction of existing infrastructure.

Categorically Exempt – types of projects which the Secretary of the Resources Agency has determined do not usually have a significant effect on the environment.

Clean Water Act (CWA) – The primary federal law in the United States governing water pollution. Its objective is to restore and maintain the chemical, physical, and biological integrity of the nation's waters by

preventing point and non-point pollution sources, providing assistance to publicly owned treatment works for the improvement of wastewater treatment, and maintaining the integrity of wetlands.

Cogeneration – Production of energy as a result of utilizing the by-products of the solids treatment process.

Commercial User – All retail stores, restaurants, office buildings, laundries, and other private business and service establishments, including churches and lodges.

Computerized Maintenance Management System (CMMS) – A software package that is used for inventory control, procurement management, fixed asset condition assessment and maintenance repair management. The District uses a CMMS product called MainSaver.

Contingency – Reserves included in each fiscal year budget as an allowance for unanticipated expenses.

Connection Fees – Governed by Ordinance No. 85-2. Connection fees represent one-time contributions of resources to the District, imposed on all new connections to the District. The intent of these fees is to recover the capacity cost of sewer facilities within the existing system.

Cost of Living Adjustment (COLA) – An increase in wage compensation to offset the adverse conditions of inflation on salaries, or a provision for price increases based on the historical index of general inflation. Labor negotiation adjustments are based on the Consumer Price Index-Wage Earners

San Francisco-Oakland Bay Area (CPI-W) for the period of December of the preceding year through December of the current year.

Depreciation – Loss in asset value over the useful life of a capital asset as a result of wear, deterioration, or obsolescence.

District Service Charges – Revenues received from customers for sewer services, under Ordinance No. 2015-01.

Effluent – Treated wastewater.

Enterprise Fund – Accounts for operations and business activities in a manner similar to a private business, where the intent is that the costs of providing services to the general public are recovered primarily through user fees.

Financial Plan – A description the proposed institutional arrangements that will be used to manage the project, and of the amount and sources of funds necessary to finance the District’s share of the project cost and to provide for cash flow during the design and construction periods.

Fiscal Year (FY) – a 12-month financial measurement period between July 1 and June 30.

Fund – A fiscal accounting entity with a self-balancing set of accounts recording cash and other financial resource, liabilities and equity. Funds are segregated based on specific services or objectives in accordance with special regulations, restrictions, or limitations.

Grants – Contributions by other governmental entities or organizations to provide funding for a specific project.

Infiltration: Water other than wastewater that enters a sewer system (including sewer service connections and foundation drains) from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.

Inflow – Water other than wastewater that enters a sewer system (including sewer service connections) from sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street was waters, or drainage. Inflow does not include, and is distinguished from infiltration.

Investment Income – Revenues received by the District from investments.

Lift Station – facilities to move wastewater from lower to higher elevation.

Long-Range Plan – The District maintains a long-range Construction Plan. It details planned projects by cost and target year. During each budget cycle, the planned projects for the next 2 years are moved into the budget document and the Board approves necessary funds for their implementation. The plan forecasts both capital project requirements and long-term needs for major repairs and maintenance of the sewer system.

Net Position – The difference between assets plus deferred outflow of resources, and liabilities plus deferred inflow of resources.

Non-operating – Enterprise fund revenues or expenses that are not a result of its primary service activities.

National Pollutant Discharge Elimination System (NPDES) – Introduced in 1972, it is a permit system for regulating point sources of pollution. Point sources may not discharge pollutants to surface waters without a permit from the NPDES system. The system is managed by the United States Environmental Protection Agency (EPA) in partnership with state environmental agencies.

Operating Expenses – Costs incurred by the District in the course of service to customers.

Operating Revenues – Funds received by the District through its normal business operations.

Operation & Maintenance (O&M) – Accounts for revenues and expenses related to the day-to-day operations of sewer services.

Ordinance – A local law set forth by the Board of Directors.

Other or Miscellaneous – Revenues or expenses aggregated on the financial statements for accountability purposes.

Overhead Rates – The purpose of overhead rates is to recover the cost of benefits, non-

productive time, and other resources, such as administration and engineering services.

Overhead Recovery – Revenues from the application of overhead rates to actual staff salaries, for time spent on projects and assignments in renewal and replacement and capital improvement projects.

Permits and Inspection Fees – Fees imposed to cover the cost of issuing sewer permits, inspecting sewer work, and maintaining permanent District records. Those fees are governed by Ordinance No. 85-1.

Proposition 218 – Passed by California voters on November 5, 1996 with effective date of July 1, 1997, it requires local governments to obtain the approval of property owners in a local ballot measure before levying a new or increased tax assessment of those property owners. In 2006, the California Supreme Court ruled that Proposition 218 applies to local water, recycling and sewer charges.

Renewal and Replacement (R&R) – Accounts for revenues and expenses associated with repairs on maintenance of collections and treatment facilities or equipment.

Resolution – A special or temporary order of the Board of Directors. A resolution requires less formality than a statute or ordinance.

Revenues – Income received by providing services, or from investment or other sources.

Sewer Rates – Fees paid by customers for sewer services. The District utilizes a rate model that was designed by the State Water Resources Board and includes components for biochemical oxygen demand (BOD), suspended solids (SS) and flow.

Suspended Solids – Refers to small solid particles which remain in suspension in water as a colloid or due to the motion of the water. It is used as one indicator of water quality.



Common Acronyms

Acronyms

ACW – Association of California Water Agencies

AF – Acre Feet

APWA – American Public Works Assoc

AWWA – American Water Works Assoc

BFE – Base Flood Elevation (FEMA)

BMP – Best Management Practice

BOD – Biochemical Oxygen Demand

Cal OES – California Office of Emergency Services

CalPERS – California Public Employees Retirement System

CASA – California Association of Sanitation Agencies

CAWD – Carmel Area Wastewater District

CCLEAN – Central Coast Long Term Environmental Assessment Network

CCTV – Closed Circuit Television

CDC – Chlorination/Dechlorination

CEQA – California Environmental Quality Act

CIP – Capital Improvement Projects/Plan

CIPP – Cured in Place Pipe

CIWQS – California Integrated Water Quality System

CMMS – Computerized Maintenance Management Software

CMOM – Capacity, Management, Operations & Maintenance

COD – Chemical Oxygen Demand

CPI – Consumer Price Index

CRFREE – Carmel River Floodplain Restoration & Environmental Enhancement

CRWQCB – California Regional Water Quality Control Board

CSDA – California Special District Association

CWEA – California Water Environment Association

DAF – Dissolved Air Flotation

DO – Dissolved Oxygen

DWF – Dry Weather Flow

EFT – Electronic Funds Transfer

EIS/EIR – Environmental Impact Statement/Report

F/M – Food to Microorganism ratio

FEB – Flow Equalization Basin

FEMA – Federal Emergency Management Agency

FOG – Fats, Oils and Grease

GASB – Government Accounting Standards Board

GIS – Geographic Information System (Mapping)

GPD – Gallons per Day	POTW – Publicly Owned Treatment Works
GPM – Gallons per Minute	PPE – Personal Protective Equipment
HR – Human Resources	PPM – Parts per Million
I/I – Infiltration and Inflow	PS – Pump Station
IRWUG – Independent Reclaimed Water Users Group	PVC – Polyvinyl Chloride
IS/MND – Initial Study/Mitigated Negative Declaration	RFP – Request for Proposals
IT – Information Technology	RMP – Risk Management Program
LAFCO – Local Agency Formation Commission	RO – Reverse Osmosis
LAMP – Local Agency Management Plan	RWQCB – Regional Water Quality Control Board
LF – Linear Feet	SBS – Sodium Bisulfite
LIMS – Laboratory Information Management Software	SCADA – Supervisory Control and Data Acquisition
MF/RO – Microfiltration/Reverse Osmosis	SLR – Sea Level Rise
MG/L – Milligrams per Liter	SOP – Standard Operating Procedure
MGD – Million Gallons per Day	SRV – Sewer Relief Valve
MOU – Memorandum of Understanding	SS – Suspended Solids (same as TSS)
NPDES – National Pollutant Discharge Elimination System	SSMP – Sewer System Management Plan
OM & R – Operations, maintenance and replacement	SSO – Sanitary Sewer Overflow
OSHA – Occupational Safety & Health Act	SWRCB – State Water Resources Control Board
PBC – Pebble Beach Company	TDML – Total Maximum Daily Load
PBCSD – Pebble Beach Community Services District	TDS – Total Dissolved Solids
PEHP – Post Employment Health Plan	VFD – Variable Frequency Drive
	WDR – Waste Discharge Requirements
	WWTP – Wastewater Treatment Plant