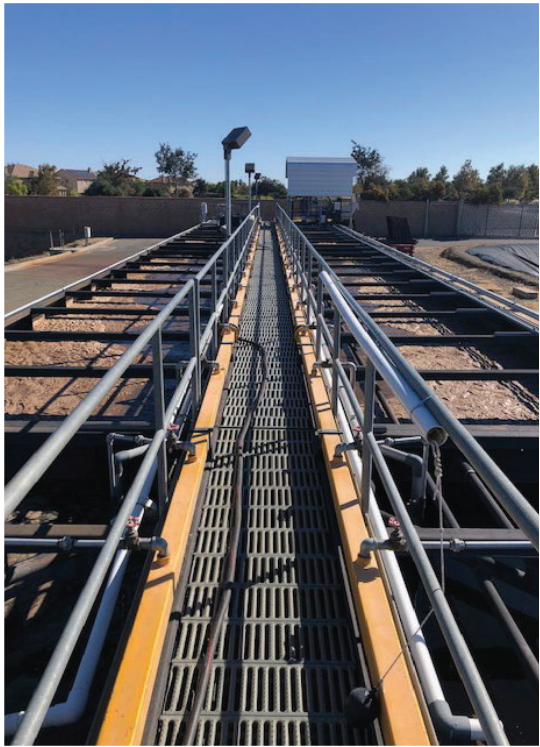


FINAL

**FY23-24
Wild Wings CSA
Wastewater Rate Study Report**



FEBRUARY 2024

**Prepared by Luhdorff & Scalmanini Consulting Engineers
Woodland, CA**

**Table 4-1. Wild Wings CSA – Long-Term Funding Fee Project
Updated Five-Year Revenue Projections – Wastewater O&M and CIP Budgets**

5-Year Implementation Inflation Adj.	0%	2.5%	2.5%	2.5%	2.5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category – Wastewater O&M Costs	FY24-25	FY25-26	FY26-27	FY27-28	FY28-29
Personnel/Staffing Costs					
Admin./Mgmt. - County	\$26,000	\$26,650	\$27,316	\$27,999	\$28,699
Operations-SUSP	\$221,240	\$226,771	\$232,440	\$238,251	\$244,208
Personnel/Staffing Costs – Subtotal	\$247,240	\$253,421	\$259,757	\$266,250	\$272,907
Legal Costs					
Legal Services - County Counsel costs	\$26,000	\$26,650	\$27,316	\$27,999	\$28,699
Legal Services - Outside Counsel costs	\$0	\$0	\$0	\$0	\$0
Premia Liability Insurance (Due to HOA Lawsuit, anticipated for next 5-yrs)	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000
Legal Costs - Subtotal	\$166,000	\$166,650	\$67,316	\$167,999	\$168,699
Direct Costs					
State RWQCB Annual Permit Cost (Annual Fee)	\$24,687	\$25,304	\$25,937	\$26,585	\$27,250
Energy Costs (PG&E + 15% Projected Rate Increase & Ramos Oil)	\$67,850	\$69,546	\$71,285	\$73,067	\$74,894
Chemical Costs (Chorine, Permanganate, Odor Blocks, and others)	\$30,049	\$30,800	\$31,570	\$32,359	\$33,168
Wastewater Quality Sampling/Analysis (Laboratory Fees, Sampling Equip.)	\$75,780	\$77,675	\$79,616	\$81,607	\$83,647
WWTP Facilities Maint. (Aeration, Pumps, Blowers, Sludge Hauling, Generators, etc.)	\$83,829	\$85,925	\$88,073	\$90,275	\$92,532
Technology: (SCADA/programming /cell phones/computers/software costs)	\$45,381	\$46,516	\$47,678	\$48,870	\$50,092
Golf Course Recycled Water Disposal Costs (Pumps, Filters, Piping, Valving, Repairs)	\$77,523	\$79,461	\$81,448	\$83,484	\$85,571
Second Train O & M Costs (Starts after Completion of Construction)	\$0	\$0	\$0	\$130,669	\$133,936
Direct Costs - Subtotal	\$405,099	\$415,226	\$425,607	\$566,916	\$581,089
Professional Services					
Planning/Design/Operations/Compliance (Outside Engineering)	\$35,000	\$35,875	\$36,772	\$37,691	\$38,633

**Table 4-1. Wild Wings CSA – Long-Term Funding Fee Project
Updated Five-Year Revenue Projections – Wastewater O&M and CIP Budgets**

Reserves and Contingency					
Wastewater O&M Reserves (2 Mos. Cash flow/15%)	\$0	\$0	\$0	\$162,744	\$166,812
Wastewater O&M Costs - Subtotal	\$853,339	\$871,172	\$889,452	\$1,201,601	\$1,228,141
5-Year Implementation Inflation Adjustment	0%	2.5%	2.5%	2.5%	2.5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category – Wastewater CIP Costs	FY24-25	FY25-26	FY26-27	FY27-28	FY28-29
Wastewater CIP Project Summary					
Paving (Asphalt Crack Repair)	\$6,600				
Structural Repairs (Roof Repairs)	\$11,000				
Lined Ponds (HDPE Liner Repairs)			\$25,512		
Fencing (WWTP Gate Replacement)	\$16,500				
Mechanical Equipment (WWTP HVAC Replace.)				\$5,632	
WWTP (Replace Pumps, Blowers, Catwalks, Telemetry)	\$232,243	\$268,023	\$97,750	\$130,512	\$90,774
WWTP (Paint Tanks after Second Train Built)					\$225,000
Distribution System Infrastructure (Valves, Lift Stations, Piping, etc.)		\$34,000	\$28,000		
Misc. (Safety Equip. Tank Leak Repair, SCADA for Odor Control)	\$77,000	\$28,028			
Wastewater CIP Funding (Obtain Grants and Loans for Second Train)	\$25,000	\$25,000	\$15,000	\$15,000	\$15,000
Wastewater Reserves (Based on Reserve Study)	\$0	\$0	\$100,000	\$102,500	\$105,063
Wastewater CIP Subtotal	\$368,343	\$355,051	\$266,263	\$253,644	\$435,837
Cost Category – Wastewater System Debt Service					
Second Train Loan (\$2.849 M, 30 yrs., 2.1% int.)	\$0	\$0	\$67,283	\$134,566	\$134,566
Debt Service Subtotal	\$0	\$0	\$67,283	\$134,566	\$134,566
Total CSA Wastewater System Budget	\$1,221,682	\$1,226,223	\$1,222,997	\$1,589,811	\$1,798,543

The 2nd Train Treatment Project reflected in FY26/27 through FY28/29 would be implemented if required by the State to comply with the Wild Wings CSA wastewater NPDES permit.