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## SANITARY DISTRICT

The Sanitary District maintains approximately 235,000 lineal feet of gravity sewer mains and 23,000 lineal feet of force mains. Nineteen (19) pump stations are used to pump approximately one million gallons (average dry weather flow) of wastewater per day to Central Marin Sanitation Agency (CMSA) treatment plant, which provides primary and secondary treatment. There are 5,665 laterals connected to the District's collection system.

Public Works personnel provide both routine and emergency cleaning and maintenance of the sewer system. Contractual services are used for some special vacuum cleaning of sewer lines and for some emergency response activities. Major repair work of sewer lines is provided by private contract. The pump stations are maintained through a contract with CMSA.

The major objectives of Sanitary District #2 are the reduction of inflow and infiltration (I & I) of ground water into the sewer system, the replacement of aging gravity mains, and the improvement of the level of maintenance by Public Works personnel and private contractual services to reduce the number of sewer stoppages per year. Use of the Infrastructure Management Geographic Information System (GIS) will assist in this.

The District updated its Sewer Master Plan in September 2009. The Master Plan provides guidance for fiscal planning on system upgrades and refurbishments over the next forty years. The Plan has identified 50% of the sanitary sewer system as being over 40 years old. Using this plan as guide, Sanitary District #2 will continue an aggressive program of repair and replacement of the sanitary infrastructure. To finance this effort, the Sewer User Service Charge was increased from \$188 per sewer user unit to \$498 per sewer user unit over a 5 year period and will continue at that level until it is revised by the Board of Directors.

Fiscal Year	Charge per Sewer User Unit	Collection Charge Per Parcel Unit
1992-1993 through FY 2004-2005	\$188.00	\$2.00
2005-2006	\$250.00	\$2.00
2006-2007	\$312.00	\$2.00
2007-2008	\$374.00	\$2.00
2008-2009	\$436.00	\$2.00
2009-2010 through 2018-2019	\$498.00	\$2.00

**TOWN OF CORTE MADERA  
SANITARY DISTRICT NO.2**

**GENERAL FUND**

Description	2018-2019	2017-2018	2017-2018	2017-2018	2018-2019
	2016-2017 Actual	Revised Budget	Estimated Actuals	Proposed Budget	
<b>BEGINNING BALANCE</b>	7,737,663	7,695,883	7,695,883	9,866,272	
<b>REVENUE</b>					
Revenue	6,447,741	6,001,000	5,999,519	6,117,340	
<b>TOTAL: REVENUE</b>	6,447,741	6,001,000	5,999,519	6,117,340	
<b>TOTAL RESOURCES</b>	14,185,404	13,696,883	13,695,402	15,983,612	
<b>EXPENDITURES</b>					
Engineering Administration	538,881	457,800	457,800	529,500	
Maintenance	655,608	595,400	445,194	446,100	
Central Marin Sanitation Agency	1,868,793	2,145,000	2,036,000	2,202,235	
<b>TOTAL: EXPENDITURES</b>	3,063,282	3,198,200	2,938,994	3,177,835	
<b>TRANSFER OUT TO SEWER CAPITAL MAINTENANCE</b>	3,426,239	2,130,000	856,136	3,168,160	
<b>TRANSFER OUT TO INSURANCE FUND</b>		34,000	34,000		
<b>Net Increase/(Decrease)</b>	(41,780)	638,800	2,170,389	(228,655)	
<b>ENDING BALANCE</b>	7,695,883	8,334,683	9,866,272	9,637,617	

**SANITARY DISTRICT NO.2  
GENERAL FUND  
REVENUE SUMMARY**

DESCRIPTION	2016-2017	2017-2018	2017-2018	2018-219
	ACTUAL	REVISED BUDGET	ESTIMATE ACTUALS	PROPOSED BUDGET
<b>REVENUE</b>				
Property Taxes	3,014,388	2,911,000	2,845,519	2,959,340
Investment Earnings	51,815	30,000	56,000	50,000
State Revenue	14,652	15,000	15,000	15,000
Engineering Charges	25,400	25,000	40,000	50,000
Other Sewer Charges	3,020,262	3,020,000	3,043,000	3,043,000
Other Revenue	321,224			-
<b>TOTAL REVENUE</b>	<b>6,447,741</b>	<b>6,001,000</b>	<b>5,999,519</b>	<b>6,117,340</b>

**SANITARY DISTRICT NO.2  
EXPENDITURE SUMMARY**

			2016-2017	2017-2018	2017-2018	2018-2019
			Actuals	Revised Budget	Estimated Actuals	Proposed Budget
<b>GENERAL FUND DEPARTMENTS</b>						
	Sanitary District Administration		538,881	457,800	457,800	529,500
	Sanitation Maintenance		655,608	595,400	445,194	446,100
	Central Marin Sanitation Agency		1,868,793	2,145,000	2,036,000	2,202,235
	<b>TOTAL EXPENDITURES</b>		<b>3,063,282</b>	<b>3,198,200</b>	<b>2,938,994</b>	<b>3,177,835</b>

**SANITARY DISTRICT NO. 2 GENERAL OPERATING FUND  
SANITARY DISTRICT ADMINISTRATION**

		2016-2017	2017-2018	2017-2018	2018-2019
		Actuals	Revised Budget	Estimated Actuals	Proposed Budget
<b>Labor Costs</b>					
SALARIES		119,088			
RETIREMENT - NORMAL COST		610			
RETIREMENT - UNFUNDED LIABILITY		17,400			
BENEFITS		29,857			
	<b>LABOR COSTS</b>	<b>166,956</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Services and Supplies</b>					
OUTSIDE SERVICES		120,925	101,300	101,300	50,000
TOWN OF CORTE MADERA			349,500	349,500	450,000
LATERAL ORDINANCE GRANT PROGRAM					25,000
MATERIALS AND SUPPLIES		485	3,500	3,500	3,500
OTHER EXPENDITURES		2,345	3,500	3,500	1,000
	<b>SERVICES &amp; SUPPLIES</b>	<b>123,755</b>	<b>457,800</b>	<b>457,800</b>	<b>529,500</b>
<b>Capital Equipment</b>					
CAPITAL EQUIPMENT		248,170			
	<b>CAPITAL EQUIPMENT</b>	<b>248,170</b>	<b>0</b>	<b>0</b>	
<b>TOTAL BUDGET</b>		<b>538,881</b>	<b>457,800</b>	<b>457,800</b>	<b>529,500</b>

**SANITARY DISTRICT NO. 2 GENERAL OPERATING FUND  
SANITATION MAINTENANCE**

		2016-2017	2017-2018	2017-2018	2018-2019
		Actuals	Revised Budget	Estimated Actuals	Proposed Budget
<b>Labor Costs</b>					
SALARIES		122,819			
RETIREMENT - NORMAL COST		7,661			
RETIREMENT - UNFUNDED LIABILITY		15,600			
BENEFITS		-27,701			
	<b>LABOR COSTS</b>	<b>118,380</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Services and Supplies</b>					
OUTSIDE SERVICES		486,699	532,500	400,000	400,000
INTERGOVERNMENTAL EXPENDITURE		15,312	15,100	16,728	15,100
MATERIALS AND SUPPLIES		29,173	41,000	21,667	30,000
OTHER EXPENDITURES		6,045	6,800	6,800	1,000
	<b>SERVICES &amp; SUPPLIES</b>	<b>537,228</b>	<b>595,400</b>	<b>445,194</b>	<b>446,100</b>
<b>CAPITAL EQUIPMENT</b>					
	<b>CAPITAL EQUIPMENT</b>	<b>0</b>			
<b>TOTAL BUDGET</b>		<b>655,608</b>	<b>595,400</b>	<b>445,194</b>	<b>446,100</b>

**SANITARY DISTRICT NO. 2 GENERAL OPERATING FUND  
CENTRAL MARIN SANITATION AGENCY**

		2016-2017	2017-2018	2017-2018	2018-2019
		Actuals	Revised Budget	Estimated Actuals	Proposed Budget
<b>Services and Supplies</b>					
	PUMP STATION MAINTENANCE /IMPROVE	420,488	650,000	450,000	692,236
	SEWER TREATMENT AND DISPOSAL	861,571	905,000	1,000,000	918,836
	DEBT SERVICE _ WET WEATHER IMPROV	581,176	580,000	580,000	581,163
	"FOG" SOURCE CONTROL	5,558	10,000	6,000	10,000
	<b>SERVICES &amp; SUPPLIES</b>	<b>1,868,793</b>	<b>2,145,000</b>	<b>2,036,000</b>	<b>2,202,235</b>
	<b>TOTAL BUDGET</b>	<b>1,868,793</b>	<b>2,145,000</b>	<b>2,036,000</b>	<b>2,202,235</b>



**TOWN OF CORTE MADERA**  
**SANITARY DISTRICT NO. 2 CAPITAL MAINTENANCE FUND**  
Proposed Budget, Fiscal Year 2018-2019

Description	2016-2017	2017-2018		2018-2019
	Actual	Rev Budget	Est. Actual	Budget
<b>BEGINNING BALANCE</b>	-	0	0	0
<b>REVENUES AND TRANSFERS IN</b>	3,426,239	2,130,000	856,136	3,168,160
<b>TOTAL REVENUE</b>	3,426,239	2,130,000	856,136	3,168,160
<b>TOTAL RESOURCES</b>	3,426,239	2,130,000	856,136	3,168,160
<b>EXPENDITURES</b>	3,426,239	2,130,000	856,136	3,168,160
<b>TOTAL EXPENDITURES</b>	3,426,239	2,130,000	856,136	3,168,160
<b>ENDING BALANCE</b>	0	0	0	0
Restricted	0	0	0	0

**SANITARY DISTRICT NO. 2 CAPITAL MAINTENANCE FUND  
REVENUE AND EXPENDITURE SUMMARY**

		2016-2017	2017-2018	2017-2018	2018-2019
		Actual	Revised Budget	Estimated Actuals	Proposed Budget
<b>REVENUE</b>					
	TRANSFER IN FROM SEWER CAPITAL FUND	3,426,239	2,130,000	856,136	3,168,160
<b>TOTAL REVENUE</b>		<b>3,426,239</b>	<b>2,130,000</b>	<b>856,136</b>	<b>3,168,160</b>

		2015-2016	2016-2017	2016-2017	2017-2018
		Actual	Revised Budget	Estimated Actuals	Proposed Budget
<b>EXPENDITURES</b>					
	PARADISE WEST SEWER IMPROVEMENT	2,618,431			
	TRINIDAD 2 PUMP STATION IMPROVEMENT				950,000
	INSPECTION OF SEWER MAINS		100,000		
	ASSESSMENT/MASTER PLAN UPDATE	10,037	50,000	36,136	
	INFRASTRUCTURE MANAGEMENT		30,000		
	REPLACE AND REPAIR AIR RELEASE VALVES AND ISOLATION VALVE				150,000
	SEAWOLF AND GOLDENHIND PUMP STATION IMPROVEMENT				20,000
	DESIGN HARBOR DRIVE SEWER REHABILITATION				358,160
	PARADISE PUMP STATION UPGRADE				80,000
	SAUSALITO PUMP STATION IMPROVEMENT AND UPGRADE				300,000
	NEW GENERATION OLD LANDING PUMP STATION				60,000
	MEADOWSWEET NORTH REHABILITATION PROJECT				300,000
	FLOW METER VAULT IMPROVEMENT		650,000		350,000
	FIFER PUMP STATION IMPROVEMENT		600,000	20,000	600,000
	EMERGENCY SEWER REPAIR PROJECTS	797,771	700,000	800,000	
<b>TOTAL EXPENDITURES</b>		<b>3,426,239</b>	<b>2,130,000</b>	<b>856,136</b>	<b>3,168,160</b>

Project Name	Project Description	2019 Project Phase	FY 2018/2019 Cost	Future Cost Through FY 2023
Capital Program: Sanitary District No. 2		Planning Environmental Engineering Construction	\$3,218,160	\$12,175,635
<b>RWQCB REQUIRED CIP PROJECTS BY 2022:</b>				
1. Design Harbor Drive Sewer Rehabilitation	Sanitary District No. 2 of Marin County (SD2) shall design the replacet about 5,000 feet of sanitary sewer system main lines and about 130 laterals.	ENG	\$358,160	
2. Construct Harbor Drive Sewer Rehabilitation	SD2 shall construct the replacement of the sanitary sewer system main lines and laterals in Task 32.	PLAN		\$2,984,667
3. Design El Camino Drive Sewer Rehabilitation	Sanitary District No. 2 of Marin County shall design the replacement of about 9,000 feet of sanitary sewer system main lines and about 200 laterals.	PLAN		\$643,282
4. Construct El Camino Drive Sewer Rehabilitation	Replace SS main and lateralsSanitary District No. 2 of Marin County shall construct the replacement of the sanitary sewer system main lines and laterals in Task 34.	PLAN		\$5,360,686
5. Sewer Lateral Grant	Sanitary District initiated projects to assist low-income families and seniors.	CON \$25/100K	\$50,000	\$50,000
<b>OTHER SD2 CIP PROJECTS:</b>				
1. Fifer Pump Station (PS)	Replace pumps, electrical, and mechanical equipment; add flow meter.	ENG, CON	\$600,000	
2. Trinidad 2 PS	Upgrade aged pump station (built 1960), with modern standard pump facilities to reduce maintenance costs and increase pump efficiency.	ENG, CON	\$950,000	
3. Sausalito PS	Replace pumps, electrical, and mechanical equipment; add flow meter and upgrade station.	ENG, CON	\$300,000	
4. ARV's & ISO	Replace and repair 4 air release valves (ARV'S) and 1 Isolation Valve (ISO) and shutdown FM for repair (Bypass).	ENG	\$150,000	\$200,000
5. Paradise PS	Upgrade mechanical, electrical, and controls systems.	ENG	\$80,000	\$65,000
6. Boardwalk A,B, & Pixley PS	Major eletrical upgrade.	PLAN		\$130,000
7. Old Landing PS	New standalone generator.	CON	\$60,000	
8. Flow meter Vault	Replace valves and relocation of the flow meter.	ENG, CON	\$350,000	\$1,000,000
9. Meadowsweet - North Rehabilitation Project	Rehabilitation and replacement of gravity sewers.	ENG	\$300,000	\$1,600,000
10. Trailer Court PS	New generator.			\$42,000
11. Seawolf and Goldenhind PS	Evaluation with relative high water- sea level rise- MCC elevation relative - Station almost flooded.	PLAN	\$20,000	\$100,000