

Reclamation Pond at Las Gallinas Valley Sanitary District

Approved Budget Fiscal Year 2020-2021

Presented to the Board of Directors
June 18, 2020
101 Lucas Valley Road, Suite 300
San Rafael, California

Annual Operating Budget Fiscal Year 2020-2021



Board of Directors

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Judy Schriebman, Vice President
Megan Clark, Board Member
Crystal Yezman, Board Member
Craig K. Murray, Board Member

Prepared under the direction of:

Mike Prinz,

General Manager



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DISTRICT ADMINISTRATION

Mike Prinz

General Manager

Michael Cortez, District Engineer

Mel Liebmann.

Plant Manager

Vacant,

Administrative Services Manager

Grea Pease.

Collection System/Safety Manager

June 18, 2020

To the Board of Directors of the Las Gallinas Valley Sanitary District,

The management staff of the District is pleased to present to the Board the 2020-21 Proposed Revenue, Operating and Maintenance Expense, Debt Service, Reserve Funding, and Capital Outlay Budgets for review. These budgets reflect the District's progress in the five-year Capital Improvement Pan (CIP) adopted by the Board in June 2015 for the 2016 through 2020 fiscal years. It also presents the 2021-21 proposed funding for capital projects.

Based on Financial Scenario 1 approved by the Board at its April 27 Budget Workshop, operating revenues incorporate a 4.44% increase in the sanitary sewer service charge. The rate will change from \$927 to \$968 per equivalent dwelling unit, and contribute an additional \$425,000 in operating revenue. Interest income is expected to decrease as funds are expended on major capital projects as discussed below. Property tax revenues are projected to grow by approximately 3% at \$962,400.

Operating and Maintenance costs are expected to increase over the prior year budget by \$1.5 million, or 20%. The major source of this increase is staffing levels which include four additional full-time positions that were discussed in detail at the April 27 Budget Workshop. The contract services budget is proposed \$188,600 higher than prior year budget, primarily in the regulatory consultant cost category. Other O&M categories show moderate increases as compared to 2019-20 budget.

Reserve funding is decreasing as funds held for the Secondary Treatment Plant Upgrade and Recycled Water Expansion project are utilized for those purposes.

Debt service requirements are \$4,803,600 and include the 2017 Revenue Bonds and 2019 I Bank loan.

The Capital Outlay effort for 2020-21 will be focused on the Secondary Treatment Plant Upgrade and Recycled Water Expansion projects; however other equipment purchases, major repairs, planning for future projects and accumulation of funding for large projects will continue.

Sincerely,

Mike Prinz, PE

General Manager

Operating Revenue

The District is in the first year of a new three-year rate plan. The first year of this plan, 2020-21, has been developed internally by Staff. The subsequent two years of the proposed rate plan are developed by a consultant and will be presented for Board consideration in the preparation of the budget for 2021-22. Based on the Board approved rate under Scenario 1 (4.44%), the maximum rate for 2020-21 of \$968 per equivalent dwelling unit is utilized in preparing the proposed budget.

Educational Revenue Augmentation Funds (ERAF) are determined by State statute. Special districts are allocated a certain amount of property tax revenues, however a portion is shifted from counties, cities, special districts, and redevelopment agencies to K-12 schools and community colleges. The District is subject to ERAF I and II tax shifts, which are specified by the State, using population and other factors. These factors are adjusted annually per the incremental growth rate in assessed property tax values. Staff has budgeted \$325,000 based on projected 2020-21 growth.

Recycled water revenue is the estimated cost of providing water to North Marin Water District based on the projected costs for the year.

Inspections, permits, and application fees reflect projected revenue from inspecting laterals as required by the changes to the District's Ordinance code. The revenue is projected based on historical sales data for properties within the District in 2019-20. The inspection activities are projected to slow down with shelter-in-place orders projected at remain in force as currently ordered in the County.

Supplemental property taxes, Prior Secured taxes, and Supplemental Assessments, Home Owner Property Tax Relief funds are projected to remain the same levels which is consistent with prior year budgets. Franchise fee revenue budget is based on the new agreement with the solid waste franchisee and includes lower fee in 2020-21 and also due to pandemic related revenue shortfall.

Interest on reserves, which are invested in the Bank of Marin and the Local Agency Investment Fund with the State of California, are expected to continue to yield low rates based on low interest rate environment. As the District uses accumulated funds for construction projects, the earnings are projected to decline in 2020-21. In addition, with the Secondary Treatment Plant Upgrade and Recycled Water Expansion projects proceeding with construction, staff expects reserves to be drawn down in 2020-21.

The Private Sewer Lateral Assistance program began in July 2012; the budget reflects the projected repayments for 2020-21.

Miscellaneous revenue is comprised of insurance policy dividends. Staff does not budget in this category as they are difficult to project.

Funds in excess of the amount needed to fund the Operating and Maintenance and Debt Service budgets are transferred to General Construction.

Capacity Related Revenue

Activity for remodel permits and second units has increased from prior years but larger projects are proceeding slowly. Since the District is substantially built out and the pace of development is difficult to predict, staff is conservatively not budgeting any capital facility charges for 2020-21. The interest income for this category is for existing funds on deposit, which have been substantially expended for capital projects.

General Construction Revenue

Secured property taxes are calculated based on the value of real property, land and personal property, such as structures, located upon real property. Secured property is taxed at a general rate of 1% of the assessed value. Property tax projections for 2020-21 are expected to be higher than 2019-20 projected actuals. For 2020-21, they are budgeted at 962,400 and reflected a 3% increase over 2019-20 receipts.

Other Sources of Funds

Marin Municipal Water District entered into an agreement in March 2017, to buy into the existing capacity of the Recycled Water Treatment Facility as well as participating in the debt service of the 2017 Revenue Bonds associated with the estimated cost for the expansion of the facility. These funds are allocated to the reserve funding for the cost of the project.

Federal and State Grants

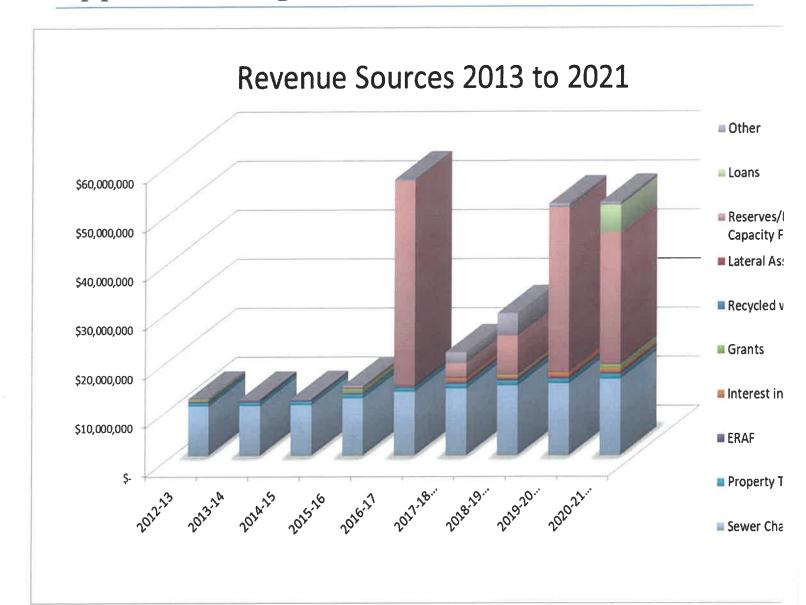
For 2020-21, the District is budgeting \$847,150 in a Federal and State Grant (WaterSmart Grant) related to the Recycled Water Expansion project.

Utilization of Bond Funds and Reserves

The District has projects budgeted for 2019-20 which either will not begin prior to year-end, or are accumulating funds over several years. These projects are included in the Capital Outlay budget and the related funding which will carry forward into 2020-21.

Transfers from the Bond Fund reflect projected interest income earned on the unspent proceeds.

The graph on the following page shows the composition of District revenues for the past five fiscal years plus the projected 2019-20 and budget for 2020-21.



perating and Maintenance Expenses

Employee Expenses:

Regular staff salaries are based on 2020-21 projected wages with a 3.5% cost of living increase as specified in the Memorandum of Understanding. The overall approved budgeted increase is \$760,200 which reflects four new positions as discussed in detail at the April 27 Board Budget Workshop. Scheduled step changes have been applied where appropriate.

Overtime is estimated based on historical levels and reflect a 9% drop as compared to the 2019-20 projected actuals due to the addition of four positions.

Vacation and sick accrual is estimated based on the prior three years trend; however it is difficult to predict how much time staff will accumulate rather than use.

Stand by time is based on projected wages, the regular rotation of personnel on duty, and additional staff who are on call during storm events.

Director salaries are projected at 2019-20 amounts with no increase. Board members have received the same per meeting compensation since 2008.

Director medical benefits are based on the maximum allowance of \$200 per month per eligible director.

Social security tax is 7.65% of covered wages for all employees.

Group life insurance and long-term disability insurance are budgeted at projected from the projected 2019-20 year-to-date amounts with adjustments for changes in census data.

CalPERS contributions are projected from regular wages with the published employer contribution rate for 2020-21. Staff who became CalPERS members after 2013 are covered by a plan which requires a lower retirement contributions by the District.

Health insurance is projected based on the known rates for July through December 2020 and the application of the health trend rate of +8% for 2020+21. It also reflects costs associated with the addition of four positions. Other Post-Employment Benefits are retiree health benefits for prior and current employees and is based on the actuarial valuation for the post-employment benefits dated January 1, 2017.

Dental insurance is paid through a self-insured plan and is based on actual claims made. Since claim expenses vary from person to person and from year to year, the budget is based on the average of the prior three years.

Vision insurance is a set amount and is projected based on current employees and projected new staff. Auto allowance and commute stipend are based on the known amounts for covered staff.

Insurance:

Workers compensation insurance is based on projected wages for 2020-21 and application of the existing rates and a decrease in the experience modification factor based on the lower claims history.

Unemployment insurance is paid based on claims made. The District only had one claim filed since 2004.

Pooled liability insurance includes general liability and mobile equipment, billed separately. The general liability insurance premium period is based on a calendar year and the mobile equipment on a fiscal year basis. The liability insurance is the larger premium for which half of the yearly cost is known based on the current billing. The budget for 2021 is the same as 2020, without reduction for any retroactive adjustments.

Fidelity bond for the cost of commercial crime insurance coverage is based on prior years.

Repairs and Maintenance:

Vehicle parts and maintenance is based on 2020 year to date results with adjustments for projected activity during the remainder of the fiscal year. In 2019-20, the budget was increased 20% to address the deferred maintenance of various vehicles. In 2020-21 budget is set at the historical levels.

The building and grounds maintenance budget include an outside firm to perform yard work on the main building landscape and also reflect budget for deferred maintenance work by skilled maintenance employees.

Power generation maintenance and repairs consists of work performed on the photo voltaic system, a maintenance contract for the BERS turbines, and maintenance of the CNG fill stations at the treatment plant and the pump station.

The maintenance accounts for Captains Cove and Marin Lagoon pump stations are fixed by ordinance and have not changed much from prior budgeted amounts.

Capital repairs/replacements consist of items that are long-lived or life extending in nature but are not included in the capital improvements budget. They are either items that are capital in nature but the replacement/repair is not anticipated as part of the initial capital outlay budget or items such as small pumps and equipment with a cost under the \$5,000 capitalization threshold. The budget increase in 2020-21 is due to replacement of pumps and parts ate the Treatment Plant.

Other Operating Expenses:

Chemical costs are estimated based on past usage with an increase \$31,000 anticipated for 2020-21.

Pollution prevention program is contracted with Central Marin Sanitary Agency. The budget is based on the contract terms.

Lab contract services are budgeted based on year to date 2019-20 charges for the treatment plant and the recycled water facility.

Small tools are budgeted based on needed items and prior year expenditures for each individual department.

Outside services primarily consist of the cost of pagers, answering service, alarm system monitoring, security patrol, pre-employment screening, and portable restrooms in the reclamation area. Janitorial cost is projected based on performing one additional cleaning per week. Uniform service is projected for 2020-21 based on current year costs. As in 2019-20 budget, we have to prepare for Public Safety Power Shutoffs (PSPS) events from PG&E initiated by high risk weather conditions. These events may trigger power outages in our area and will require that we have standby generators and fuel ready for power outages during possible wildfires.

Aquatic review is conducted twice a year by contract.

Sludge Disposal is the cost for injecting digested biosolids in the District's dedicated disposal site. The amount is based on prior year activity.

The regulatory consultant budget is based on a proposal for 2020-21. The budget reflects a substantial increase, when compared to current year expenditures. However the work performed in connection with the Secondary Treatment Plant Upgrade and Recycled Water Expansion projects is charged to the capital budget, which has temporarily reduced the burden on current year operating expenses.

The engineering consultant expense is estimated by staff based on the average activity during recent years. A portion of this cost is reimbursed by project owners who apply for capacity.

Consultants include costs for updating the strategic plan, implementing the Canada goose management plan, the biennial actuarial valuation for the Other Post Employment Benefit Plan, performance of a compensation and classification study, and labor relations for RGS and HR consulting.

General operating supplies are budgeted by department based on prior year trends.

Utility power is for the treatment plant and the pump stations.

Telephone and water are budgeted based on year to date 2019-20 costs.

Fuel and oil budget is based on year to date 2019-20. Diesel usage is projected to remain about the same as the previous year.

Safety equipment and supplies and safety services are budgeted based on equipment needs and the proposal for 2020-21.

Lateral rehab assistance program is budgeted based on the amount in the 2020-21 rate plus reinvestment of the projected repayments from existing agreements.

General and Administrative:

Conferences and mileage/travel are budgeted based on year to date 2019-20 activity, but with an expectation of additional conferences to be authorized for more of the staff to attend. It also reflects training budget for four new positions proposed for 2020-21.

Election costs are based on estimated billings from the Marin County Registrar of Voters.

Office supplies and expense is budgeted based on annualizing 2019-20 activity.

Computer support and supplies includes annual software renewals, the replacement of computers as needed and outside computer network support. The District is using more software from outside vendors which has increased the cost.

User charge collection fee is charged by the County of Marin for collecting the property taxes and sanitary sewer service charges on the tax rolls. Staff is projecting the amount based on 2019-20 rates.

Publications and legal ads are for contract/public bidding advertising, chemical procurement, public hearings, and recruiting.

Public education and outreach is for the joint efforts with other Marin County sewage treatment agencies, web site maintenance, the request by STRAW for funding, special mailings and for the District's newsletter and annual sewer rate change mailings.

Taxes, other is the annual LAFCO charge and is based on the projected 2020-21 charge.

Memberships and permits are based on the 2019-20 invoices with an increase for some permits.

Rents and leases for administration are costs for the lease of the postage machine, off-site records storage, railroad easements and copiers. Rents and leases for pump stations are for portable stand by generators for PSPS events.

Legal expense is projected to remain the same as 2019-20 activity as certain personnel matters and legal issues concerning the treatment plant upgrade are anticipated to be resolved.

Audit expense is based on the 2017 request for proposals which covers three years of audit engagements.

Employee recognition is based historical activity and the level of authorized personnel.

Employee training and education includes the cost for the District to participate in the Liebert Cassidy Whitmore employment relations consortium and other offsite training. The District expects to continue to send staff for training in 2020-21. Continued training for staff development is budgeted in the consultant category.

Reserves

- Working Cash Flow and Undesignated Capital reserves are budgeted based on the target balance of \$300,000 established in 2009.
- Emergency repair reserve target of \$1,000,000 was met in fiscal year ended June 30, 2017.
- Equipment Repair emergency reserve in LAIF is established at \$1,000,000.
- The Capital Reserves for the Secondary Treatment Plant Upgrade and Recycled Water Expansion
 projects are based on the actual payment required to service the 2017 Revenue Bonds and the
 amount that was included in the proposed rate increase. These funds will be used to pay for the
 project expenses.
- Captains Cove and Marin Lagoon reserves are the excess of special assessments over projected operations, maintenance and capital expenditures which are collected for these developments.
- MMWD Debt Reimbursement reserves are the amounts MMWD is paying to the District for the buyin for the existing recycled water treatment plant and the allocated share of the 2017 Revenue Bonds for the expansion project.

Debt Service

The District has six issuances of debt outstanding. They are as follows:

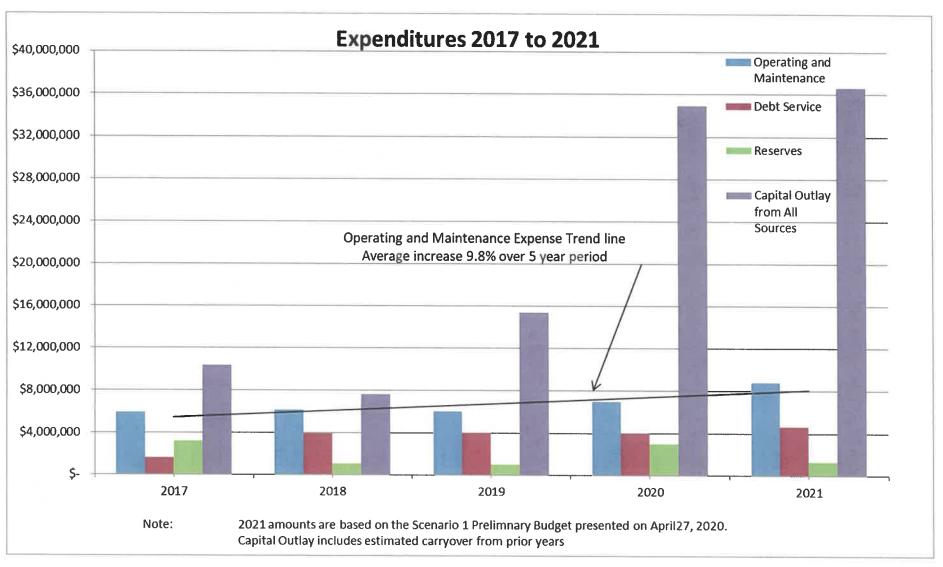
- Certificates of Participation (COP) with an original principal amount of \$10,000,000, which were issued in 2005, and have annual principal and interest payments through December 2025. The District refinanced them at a reduced interest rate of 3.3% which will save interest over the remaining life and will result in lower annual payments. The principal balance remaining is scheduled to be \$3,888,800 as of July 1, 2020.
- State Revolving Fund Loan (SRF) was a construction loan which originated in 2010 and was completely drawn down in 2012. The original principal amount was \$4,314,750 with annual principal and interest payments through June 2032. The interest rate is 2.7%. The principal balance remaining is scheduled to be \$2,893,080 as of July 1, 2020.
- Bank of Marin Loan #1 which originated in 2011 with a principal amount of \$4,600,000. Monthly
 principal and interest payments are due through June 2031. The interest rate is 3.88%. The principal
 balance remaining is scheduled to be \$2,966,307 as of July 1, 2020
- Bank of Marin Loan #2 which originated in 2012 with a principal amount of \$2,000,000. Monthly
 principal and interest payments are due through August 2022. The interest rate is 3.25%. The
 principal balance remaining is scheduled to be \$491,480 as of July 1, 2020.
- 2017 Revenue Bonds were issued in April 2017 with a principal amount of \$38,365,000. The true interest rate to maturity is 3.2984%. Annual principal and interest payments are due through April 2042. The principal balance remaining is scheduled to be \$35,475,000 as of July 1, 2020
- The District entered into an agreement with California Infrastructure and Economic Development Bank (I-Bank) in May 2019 for a loan of \$12,000,000. The loan has a maturity dates ranging from August 1, 2019 thru August 1, 2043. The interest rate on the loan is 3.0% per annum. The principal balance remaining is scheduled to be \$11,670,566 as of July 1, 2020.

The debt service does not reflect the reimbursement to be received from MMWD for buying into the existing recycled water treatment facility or their portion of the 2017 Revenue Bonds. The payments to be received from MMWD are transferred to the reserves budget.

Capital Outlay

The Capital Outlay budget contains projects specifically identified in the Five-Year plan for 2020-21 through 2024-25 plus miscellaneous capital needs that change yearly. The 2022-2025 are very rough estimates that will be updated as the District's Integrated Wastewater Plan is completed over the next 2 years. The Approved 2020-21 Budget only includes funding approval for projects identified in the first year of the CIP. See the separate Capital Outlay Budget for the list of projects and summary description.

The following is a graph showing the composition of District expenditures for the past 4 fiscal years plus the budget for 2020-21.



LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 REVENUE & FUNDS BUDGET Approved June 18, 2020

FUNDS AVAILABLE	2016-17 Final Actual	2017-18 Final Actual		2018-19 Final Actual		2019-20 Projected Actual		2020-2021 Approved Budget		Change	% Change from PY
OPERATING REVENUE											
User Charges	\$ 13,059,850	\$ 13,634,548	\$	14,231,642	\$	14,627,663	\$	15,289,361	\$	661,698	4.52%
Educational Revenue Augmentation Fund	366,078	372,411	\$	386,922	\$	319,000	\$	325,000	\$	6,000	1.88%
Recycled Water	45,548	61,080	\$	63,463	\$	42,000	\$	42,000	\$	-	0.00%
Franchise Fees	25,000	25,000	\$	69,491	\$	149,422	\$	137,081	\$	(12,341)	-8.26%
Inspections/Permits/Application Fee	8,957	11,678	\$	40,050	\$	39,039	\$	31,733	\$	(7,307)	-18.72%
Interest	532	425	\$	939	\$	500	\$	500	\$	-	0.00%
Interest on Reserves	72,856	269,180		541,859		449,803		350,000	\$	(99,803)	-22.19%
Suppl. Property Tax Assess.	15,409	27,670	\$	16,021	\$	13,000	\$	16,000	\$	3,000	23.08%
Homeowner Property Tax Relief	4,363	4,354	\$	4,321	\$	4,300	\$	4,300	\$	-	0.00%
Private Sewer Lateral Assistance Program	76,027	101,368	\$	-	\$	75,293	\$	66,500	\$	(8,793)	-11.68%
Miscellaneous Revenue	33,057	29,521	\$	-	\$	118,207	\$	750	\$	(117,457)	-99.37%
Sale of Assets	(6,267)	29,012	\$	61	\$	-	\$	-	\$	-	0.00%
Operating Transfer Out		-	\$		\$		\$		\$	-	0.00%
Total Operating Revenue	13,701,410	14,566,247	_	15,354,767	_	15,838,227	-	16,263,225	\$	424,998	2.68%
OTHER SOURCES OF FUNDS											
CAPACITY RELATED FUNDS											
Annex and Capital Facility Charges	39,580	228,625		-		-		-	\$		0.00%
Interest on Connection Fees	451	242	-	300		500	-	300	\$	(200)	-40.00%
Total Capacity Related Revenue	40,031	228,867	-	300	-	500		300	\$	(200)	-40.00%
GENERAL CONSTRUCTION FUNDS											
Property Tax	856,873	890,205		950,824		934,870		962,419	4	27,550	2.95%
Operating Transfer In	-			4,048,783	, .		9=	<u> </u>	9	-	0.00%
	856,873	890,205	-	4,999,607	-	934,870	-	962,419	9	27,550	2.95%
OTHER SOURCES											
Marin Municipal Water District	436,837	455,057		463,143		463,353		463,395	9	42	0.01%
2017 Bond Sale	41,039,514	_		_		-		_		-	0.00%
2019 Ibank Loan	. ,			-		_		5,537,545	9	5,537,545	0.00%
Federal Grant	_	-		842,150)	5,000		847,150		842,150	16843.00%
State Grant		362,033	o 25	-			0.2	-			0.00%
	41,476,351	817,090		1,305,293		468,353		6,848,090		6,379,737	1362.16%
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LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 REVENUE & FUNDS BUDGET Approved June 18, 2020

FUNDS AVAILABLE	2016-17 Final Actual	2017-18 Final Actual	2018-19 Final Actual	2019-20 Projected Actual	2020-2021 Approved Budget	Change	% Change from PY
UTILIZATION OF BOND FUNDS AND RESERVES							24,074,034
Reserves	366,256	-	12,685	-	110,000	\$ 110,000	
Private Sewer Lateral Assistance Funds	-	-	-	-	-	\$ 	
Prior Year Capital Project Carryover	4,046,259	1,359,494	2,809,597	13,067,053	11,270,217	\$ (1,796,836)	-13.75%
Construction Project Reserve		791,158	120	-	-	\$ _	0.00%
Interest Earned on Unspent Bond Funds		567,986	070	580,000	450,000	\$ (130,000)	-22.41%
Transfers from Bond Fund	65,955	1,471,731	5,078,873	20,364,466	15,460,319	\$ (4,904,147)	-24.08%
Marin Lagoon Reserve Fund	-	13,580	74,000	74,000	74,000	\$ _	0.00%
Captains Cove Reserve Fund	-	236	2,695	2,695	2,695	\$ _	0.00%
Capital Facilities Fund	350,056	300,300			· ·	\$ -	0.00%
	4,828,526	4,504,485	7,977,850	34,088,214	27,367,231	\$ (6,720,983)	-19.72%
TOTAL FUNDS AVAILABLE FOR EVENDITURES						\$ -	
TOTAL FUNDS AVAILABLE FOR EXPENDITURES	\$ 60,903,191	\$ 21,006,894	\$ 29,637,817	\$ 51,330,164	\$ 51,441,265	\$ 111,102	0.22%

Approved June 18, 2020 Overall Summary of Expenses

ALL DISTRICT DEPARTMENTS Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Approved Budget	ange from Prior Year	Percent Change from Prior Year
Total Employee Wages	2,523,313	2,762,763	2,682,641	2,955,927	3,653,604	\$ 697,677	23.60%
Total Employee Benefits	1,235,695	1,272,245	1,283,900	1,503,041	2,003,489	\$ 500,448	33.30%
Total Insurance Expense	146,770	145,909	141,612	162,480	175,076	\$ 12,597	7.75%
Total Repairs and Maintenance	353,808	466,690	360,910	545,579	696,594	\$ 151,015	27.68%
Total Small Tools & Supplies	324,387	260,533	350,016	332,011	384,503	\$ 52,491	15.81%
Total Contracted Services	719,755	685,508	553,599	808,862	1,175,736	\$ 366,874	45.36%
Total Utilities	351,917	203,649	213,983	246,897	287,812	\$ 40,915	16.57%
Total General & Administrative	271,179	342,752	414,871	424,797	451,202	\$ 26,405	6.22%
OPERATING EXPENSE TOTALS	5,926,824	6,140,049	6,001,533	6,979,594	8,828,016	\$ 1,848,422	26.48%
Increase per year		3.60%	-2.26%	16.30%	26.48%		

Approved June 18, 2020 EMPLOYEE WAGES

Acct. Num.	EMPLOYEE WAGES Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Approved Budget	nge from ior Year	Percent Change from Prior Year
1003	Regular Staff Salaries	2,252,470	2,458,142	2,333,861	2,583,869	3,344,036	\$ 760,167	29.42%
1004	Extra Hire		-	4,585	64,956	-	\$ (64,956)	0.00%
1008	Over Time	87,008	83,452	108,401	101,775	92,778	\$ (8,997)	-8.84%
1009	Vacation and Sick Accrual	51,592	67,515	88,579	51,317	64,000	\$ 12,683	24.72%
1010	Stand By	76,396	78,263	84,039	79,629	78,409	\$ (1,220)	-1.53%
1036	Directors Salary	55,847	75,391	63,175	74,380	74,380	\$ æ./	0.00%
	Total Employee Wages	2,523,313	2,762,763	2,682,641	2,955,927	3,653,604	\$ 697,677	23.60%
	Increase per year		9.49%	-2.90%	10.19%	23.60%		

Approved June 18, 2020 EMPLOYEE BENEFITS

Acct. Num.	EMPLOYEE BENEFITS Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Approved Budget	Change from Prior Year	Percent Change from Prior Year
1037	Directors Benefits	9,000	8,400	8,650	9,188	9,188	\$ -	0.00%
1404	Payroll Taxes	178,182	191,210	192,577	189,979	250,735	\$ 60,756	31.98%
1502	Group Life Insurance	5,462	5,683	5,606	7,498	7,150	\$ (348)	-4.64%
1507 & 1506	PERS	350,789	340,354	551,419	480,954	829,317	\$ 348,363	72.43%
1509	Health Insurance	531,839	526,814	365,889	620,297	671,278	\$ 50,980	8.22%
1510	Dental Insurance	17,479	21,551	22,877	22,577	21,000	\$ (1,577)	-6.98%
1514	Vision Insurance	2,019	2,324	1,361	3,614	4,253	\$ 639	17.69%
1516	Long Term Disability	17,786	19,686	18,685	21,041	29,276	\$ 8,235	39.14%
2006	Auto Allowance	12,730	22,766	9,451	22,766	24,465	\$ 1,698	7.46%
2007	Commute Stipend	28,037	28,845	30,922	26,480	36,000	\$ 9,520	35.95%
1006	Payroll Processing	9,657	9,466	9,519	12,358	12,729	\$ 371	3.00%
2477	Conferences	46,090	64,232	32,282	51,852	68,500	\$ 16,648	32.11%
2479	Mileage and Travel	5,881	8,025	6,989	4,345	8,000	\$ 3,655	84.13%
9786	Employee Recognition	2,481	6,616	6,504	6,930	6,000	\$ (930	-13.42%
9787	Employee Training and Education	18,263	16,273	15,723	23,162	25,600	\$ 2,438	10.53%
	Total Employee Benefits	1,235,695	1,272,245	1,278,453	1,503,041	2,003,489	\$ 500,448	33.30%
	Increase per year		2.96%	0.49%	17.57%	33.30%	,	

Approved June 18, 2020 INSURANCE EXPENSE

Acct. Num.	INSURANCE EXPENSE Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Proposed Budget	Change from Prior Year	Percent Change from Prior Year
1701	Workers' Comp Insurance	41,785	41,159	30,952	48,482	46,000	\$ (2,482)	-5.12%
1702	Unemployment Insurance	-	-	-	-	-		
2060	Pooled Liability Insurance	103,753	103,800	109,710	113,000	128,029	\$ 15,029	13.30%
2061	Fidelity Bond	1,232	950	950	998	1,047	\$ 50	5.00%
	Total Insurance Expense	146,770	145,909	141,612	162,480	175,076	\$ 12,597	7.75%
	Increase per year		-0.59%	-2.95%	14.74%	7.75%		

Approved June 18, 2020 REPAIRS & MAINTENANCE

Acct. Num.	REPAIRS & MAINTENANCE Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Proposed Budget		nge from ior Year	Percent Change from Prior Year
2083	Vehicle Parts & Maintenance	42,093	52,880	51,352	64,768	37.163	\$	(27,605)	-42.62%
2096	Building maintenance	12,117	15,317	9,192	27,912	38,500	•	10,588	37.93%
2097	Grounds Maintenance	7,161	21,410	29,843	50,754	65,532		14,778	29.12%
2538	Power Generation Maint & Repair	3,748	2,418	40,183	87,000	40,000	\$	(47,000)	-54.02%
2332	Reclamation Maintenance			5,353	36,528	25,000	\$	(11,528)	-31.56%
2365	Equipment Maintenance	50,442	35,848	60,048	40,980	88,500	\$	47,520	115.96%
2366	Equipment Repair	71,465	72,211	43,280	87,421	194,900	\$	107,479	122.94%
2367	Capital Repairs/Replacements	166,782	266,606	121,658	150,216	207,000	\$	56,784	37.80%
	Total Repairs and Maintenance	353,808	466,690	360,910	545,579	696,594	\$	151,015	27.68%
	Increase per year		31.90%	-22.67%	51.17%	27.68%			

Approved June 18, 2020 SMALL TOOLS & SUPPLIES

Acct. Num.	SMALL TOOLS & SUPPLIES Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Proposed Budget	ge from or Year	Percent Change from Prior Year
2107	Hypochlorite	45,585	39,888	59,587	49,018	54,000	\$ 4,982	10.16%
2110	Bisulfite	57,425	35,755	53,646	37,340	46,000	\$ 8,660	23.19%
2109	Miscellaneous Chemicals	88,131	62,975	110,989	70,511	87,000	\$ 16,489	23.38%
2362	General Operating Supplies	52,110	44,017	39,766	69,728	40,250	\$ (29,478)	-42.28%
2501	Fuel & Oil	26,380	23,420	27,169	33,191	33,803	\$ 612	1.84%
2389	Safety Equipment & Supplies	22,775	20,054	27,129	37,548	38,450	\$ 902	2.40%
2397	Safety Services	28,720	28,619	29,216	25,284	60,000	\$ 34,716	137.30%
2249	Small Tools	3,261	5,805	2,514	9,392	25,000	\$ 15,608	166.18%
	Total Small Tools & Supplies	324,387	260,533	350,016	332,011	384,503	\$ 52,491	15.81%
	Increase per year		-19.68%	34.35%	-5.14%	15.81%		

Approved June 18, 2020 CONTRACT SERVICES

0

Acct. Num.	CONTRACT SERVICES Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Approved Budget		ange from rior Year	Percent Change from Prior Year
2322 & 2326	Outside Services	17,111	16,721	18,409	92,511	206,756	\$	114,244	123.49%
2119	Pollution Prevention Program	16,905	12,264	11,066	12,500	12,500	\$	-	0.00%
2117	Lab Contract Services	50,748	37,425	-	38,000	43,000	\$	5,000	13.16%
2102 2324	Special Monitoring/Pilot Testing Janitorial	2,800 9,771	- 11,557	- 18,236	13,695	- 14,946	\$ \$	- 1,251	9.13%
2325	Aquatic Review	3,536	3,421	2,006	5,496	5,000	\$	(496)	-9.02%
2327	Uniform Service	4,913	6,005	5,486	5,693	6,800	\$	1,107	19.45%
2330	Damage Claim	992	407	11,476	-	10,000	\$	10,000	0.00%
2334	Sludge Disposal	47,984	67,573	106,923	101,087	76,350	\$	(24,737)	-24.47%
2333 + 2357	Regulatory Consultant	158,591	80,414	90,211	168,623	354,784	\$	186,161	110.40%
2358	Engineering Consultant	27,337	73,106	4,049	38,065	25,000	\$	(13,065)	-34.32%
2801	Lateral Rehab Assistance Program	116,091	52,406	-	96,327	100,000	\$	3,673	3.81%
2713	Legal	195,643	197,981	89,184	120,000	123,600	\$	3,600	3.00%
2717	Audit	30,570	25,570	25,635	25,750	27,000	\$	1,250	4.85%
2360	Consultants	36,763	100,658	128,991	91,115	170,000	\$	78,885	86.58%
	Total Contracted Services	719,755	685,508	511,671	808,862	1,175,736	\$	366,874	45.36%
	Increase per year		-4.76%	-25.36%	58.08%	45.36%			

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Approved June 18, 2020 UTILITIES

SCENARIO 1

Acct. Num.	UTILITIES Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Approved Budget	Change from Prior Year	Percent Change from Prior Year
2534	Telephone	32,704	33,072	46,027	43,411	42,205	\$ (1,206)	-2.78%
2535	Utility Power	314,316	161,943	160,430	196,868	237,920	\$ 41,052	20.85%
2536	Water	4,897	8,634	7,526	6,618	7,687	\$ 1,069	16.15%
	Total Utilities	351,917	203,649	213,983	246,897	287,812	\$ 40,915	16.57%
	Increase per year		-42.13%	5.07%	15.38%	16.57%		

Approved June 18, 2020 GENERAL & ADMINISTRATIVE

Acct. Num.	GENERAL & ADMINISTRATIVE Expense Description	2016-17 Total Actual	2017-18 Total Actual	2018/19 Total Actual	2019/20 Projected Actual	2020/21 Proposed Budget	Change from	Percent Change from Prior Year
2129	Election	1,043	-	9,569	25,000	25,000	\$ -	0.00%
2133	Office Supplies	16,432	14,072	23,744	48,760	27,200	\$ (21,56	-44.22%
2716	Computer Support and Supplies	40,418	121,468	79,331	84,567	84,500	\$ (6	-0.08%
2135	Bank Charges	2,574	1,594	1,622	1,500	1,500	\$ -	0.00%
9778	User Charge Collection Fee	32,908	33,379	33,810	30,000	35,000	\$ 5,00	00 16.67%
2221	Publication and Legal Ads	13,779	12,128	16,593	17,008	16,606	\$ (40	2) -2.37%
2223	Public Education and Outreach	33,462	34,037	37,070	40,000	65,000	\$ 25,00	00 62.50%
2264	Taxes, Other	7,766	8,917	10,356	10,505	9,000	\$ (1,50	95) -14.33%
2272	Memberships	44,083	44,810	60,715	44,806	46,495	\$ 1,68	3.77%
2363	Permits	48,604	55,985	65,570	32,479	20,250	\$ (12,2	29) -37.65%
2364	Fines	9,000	-	-	13,500	-	\$ (13,50	00)
2246	Rents and Leases	21,008	16,362	10,390	75,672	119,652	\$ 43,9	58.12%
9999	Miscellaneous expense	102	-	(920)	1,000	1,000	\$ -	0.00%
	Total General & Administrative	271,179	342,752	347,850	424,797	451,202	\$ 26,4	05 6.22%
	Increase per year		26.39%	1.49%	22.12%	6.22%		

LAS GALLINAS VALLEY SANITARY DISTRICT DEBT SERVICE BUDGET

Approved June 18, 2020

	to the second se						Interest
		2016-17	2017-18	2018-19	2019-20	2020-21	2020-21
0	Source	Total	Total	Total	Projected	Approved	Approved
	of Funds	Actual	Actual	Actual	Actual	Budget	Budget
2005 Certificates of Participation/ Refunded 2014	Gen Fund	\$ 689,876	6 \$ 697,963	\$ 690,473	\$ 698,760	\$ 698,760	\$ 118,760
2019 IBank Loan	Loan Reserve				623,197	789,463	333,226
2010 State Revolving Fund Loan	Gen Fund	285,464	285,464	285,464	285,464	285,464	78,113
2011 Bank of Marin Loan	Gen Fund	332,68	332,682	332,682	332,681	332,681	112,764
2012 Bank of Marin Loan	Gen Fund	235,346	235,346	235,346	248,207	248,207	12,861
2017 Revenue Bonds (1)	Loan Reserve	<u>-</u>	2,369,505	2,446,600	2,449,000	2,449,000	1,419,000
		\$ 1,638,40°	\$ 3,920,960	\$ 3,990,565	\$ 4,637,311	\$ 4,803,576	\$ 2,074,725
				2018-19	2019-20	2020-21	2020-21
				Total Payout	Total Payout	Total Payout	Interest
			Gen Fund	1,543,965	1,565,113	1,565,113	322,499
			Loan Reserve	2,446,600 3,990,565	3,072,197 4,637,311	3,238,463 4,803,576	1,752,226 2,074,725
				5,550,565	2,562,585	4,803,576	2,017,123
% limitation			125%	125%			
Limit of net operating position			4,901,200.00	4,988,206.25	5,796,638.34	6,004,470.39	

⁽¹⁾ Includes treatment plant upgrade, recycled water treatment plant expansion and operations control center.

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⁽²⁾ Per Board action on May 25, 2017, the amounts collected for the treatment plant upgrade and operations control center projects prior to the bonds being issued will be reclassified as Reserves and are reflected in the Reserve Budget for all years presented.

LAS GALLINAS VALLEY SANITARY DISTRICT DEBT SERVICE COVERAGE

Approved June 18, 2020

0 Revenue Description	2017-18 Final Actual	2018-19 Final Actual	2019-2020 Projected Actual	2020-2021 Approved Budget Budget	
OPERATING REVENUE					
User Charges \$	13,634,548	\$ 14,231,642	\$ 14,627,663	\$ 15,289,361	
Educational Revenue Augmentation Fund	372,411	\$ 386,922	\$ 319,000	\$ 325,000	
Recycled Water	61,080	\$ 63,463	\$ 42,000	\$ 42,000	
Franchise Fees	25,000	\$ 69,491	\$ 149,422	\$ 137,081	
Inspections/Permits/Application Fee	11,678	\$ 40,050	\$ 39,039	\$ 31,733	
Interest	425	\$ 939	\$ 500	\$ 500	
Interest on Reserves	269,180	\$ 541,859	\$ 449,803	\$ 350,000	
Suppl. Property Tax Assess.	27,670	\$ 16,021	\$ 13,000	\$ 16,000	
Homeowner Property Tax Relief	4,354	\$ 4,321	\$ 4,300	\$ 4,300	
Private Sewer Lateral Assistance Program	101,368	\$ -	\$ 75,293	\$ 66,500	
Reimbursement for Lateral Repairs		\$ -	\$ -	\$ -	
Miscellaneous Revenue	29,521	\$ -	\$ 118,207	\$ 750	
Sale of Assets	29,012	\$ 61	\$ -	- \$	
Operating Transfer In		r		<u> </u>	
TOTAL OPERATING REVENUES	14,566,247	15,354,767	15,838,227	16,263,225	
Property Tax	890,205	950,824	934,870	962,419	
Marin Municipal Water District	455,057	463,143	463,353	463,395	
Net Revenues	15,911,509	16,768,734	17,236,449	17,689,039	
TOTAL OPERATING EXPENDITURES	\$ 6,140,049	6,001,533	6,979,594	8,828,016	
NET POSITION	\$ 9,771,460	\$ 10,767,202	\$ 10,256,855	\$ 8,861,023	
DEBT EXPENDITURES	\$ 3,920,960	\$ 3,990,565	\$ 4,637,31	\$ 4,803,576	
125% Requirement Convenant Regarding Gross Revenues	249%	2709	<u>6</u> <u>221</u>	<u>% 184%</u>	

LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 RESERVE BUDGET PROJECTION

Approved June 18, 2020

Expenditure	2016-17 Total Actual	2017-18 Adopted Budget	2018-19 Adopted Budget	2019-20 Projected Actual	2020-21 Approved Budget
Working Cash Flow	\$ 126,408	\$ 158,045	\$ 166,286	\$ 166,286	\$ 166,286 (3)
Emergency Repair (2)	43,622	-	-	1,000,000	- (7)
Capital Reserves Undesignated Plant Upgrade and Recycled Water Treatment Plant Expansion Projects	111,536	139,451	\$ 146,722	\$ 146,722	\$ 146,722 (3)
Bond Reserve	2,591,715	301,210	224,115	221,715	221,715 (4)
Capacity Fund	-	-	-	300	300
Captains Cove	-	5,060	-	-	- (5)
Marin Lagoon	6,263	9,695	-	-	- (5)
MMWD Recycled Water Facility Buy in	333,563	-	-	-	-
Vehicle Reserve					328,131
Equipment Reserves				1,000,000	- (7)
MMWD Debt Reimbursement Bank of Marin 2017 Revenue Bonds	-	206,549	206,549	206,549	206,549 (6)
2017 Revenue Bonus	\$ 3,213,107	248,509 \$ 1,068,519	256,595 \$ 1,000,267	256,595 \$ 2,998,167	256,804 (6) \$ 1,326,507
(1) Target balance is \$300,000 and was met prior to Jun (2) Target balance is \$1,000,000 and will be met in fiscal	e 30, 2009. I year ended June 3	0, 2017.			
(3) Check total agrees to budgeted amount	\$ 281,566	\$ 297,496	\$ 313,008		
(4) Debt service per rate setting/adopted budget Actual debt service on 2017 Revenue Bonds	2,591,715 NA	2,670,715 2,369,505 301,210	2,670,715 2,446,600 224,115	2,449,000	2,449,000

⁽⁵⁾ CC and ML amounts are the excess of special assessments over allocated budget amounts in O&M budget

⁽⁶⁾ See Debt Service section for MMWD reimbursement amounts

⁽⁷⁾ Reserved in LAIF - \$1 Million for Emergency Repairs and \$1 Million for Equipment Repair.



FY 2020-2021 Capital Improvements Program (Date: 6/12/2020)



								FY	2019-20				AS OF 4/10/2020	b	I YEAR	1		PROL	ECTED		1
								FY 2020		FY 2020					Year 1			2.1152			
No.					Project Name	FY 2020 Available	FY 2020 Revised	Carryover BEFORE Transfers	Transfer In/Out of Carryover	Carryover AFTER Transfers	Projected Expenditures	Encumbered Amount*	PO Balance*	Available Funding	Projected Expenditures 2020-21	Year 1 2020-21 Request	Year 2 2021-22	Year 3 2022-23	Year 4 2023-24	Year 5 2024-25	5-Year Total
PLANN 1	RR	O O	20100-01		Integrated Financial Software	\$100,000		Sol.	44	4-1	4.00.00										
2	RR	0	20100-03	-	Redesign of Offices in Admin Building	\$20,000			\$0	\$0		\$0	77	\$100,000		\$0	\$75,000	\$0	\$0	\$0	
3	MC	0	20100-05	-		\$400,000		\$20,000	(\$20,000)	\$0		\$0		\$0		\$0		\$0	\$0	\$0	\$0
4	MC	1	20100-05	A	Integrated Wastewater Master Plan Phase 1 ⁽¹⁾			\$0	\$0	\$0		\$400,000		\$0		\$0		\$0	\$0	\$0	\$0
5	MC	1	20100-05	-	Integrated Wastewater Master Plan Phase 2 ⁽¹⁾	\$0		\$0	\$0	\$0		\$491,802	\$491,802	\$0		\$500,000	\$0	\$0	\$0	\$0	\$500,000
6	MC	1	20100-05	A N	Integrated Wastewater Master Plan Phase 3 ⁽¹⁾	\$0		\$0	\$0	\$0		\$305,000		\$0		\$0	\$300,000	\$0	\$0	\$0	\$300,000
7	MC	1	20105-01	-	Integrated Wastewater Master Plan Flow Monitoring Support On-Call Construction Contract	\$0		\$0	\$0	\$0		\$0	\$0	SC		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
8	MC	1	20125-01		On-Call Engineering Contract	\$100,000		(\$45,000)	\$45,000	\$0 \$0	\$100,000	\$202,000		50	\$110.000	\$110,000	\$200,000	\$200,000	\$200,000	\$200,000	
9	MC	1	21125-01	N	Project Files Scanning	50		\$0	\$43,000	\$0				\$0		\$100,000	\$200,000 \$0	\$200,000 \$0	\$200,000	\$200,000 \$0	
10		1	21125-02	N	Drafting Software Upgrade	50		50	\$0	\$0		\$0		\$0		\$10,000	\$0	\$0	\$0	\$0	
11	MC	1	21125-03	+	Alternative Funding Pursuit	50		\$0	\$0	\$0		\$0		\$0		\$50,000	\$15,000	\$15,000		\$15,000	
12	GP GP	1	21200-01		Centricity Maintenance, Support, & Training	50		50	\$0	\$0				\$0		\$30,000	\$20,000	\$0	\$0	\$0	\$50,000
14	_	1	21500-02		MFD/HOA/Commercial Lateral Ordinance Outreach/Survey Biosolids System Improvement Analysis	50		50 50	\$0 \$75,000	\$0		\$0		\$0		\$10,000		\$0	\$0	\$0	
15	GP	2			City Works Upgrades	\$0		50	\$75,000	\$75,000 \$0		\$0 \$0		\$75,000		\$0 \$0	\$30,000	\$0	\$0	\$0	
16	GP	2		N	CityWorks License for Engineering	50		50	\$0	\$0		\$0		\$0		\$0		\$20,000 \$0	\$0 \$0	\$0 \$0	
17	GP	2		N	Fleet Maintenance Software	50		50	\$0	\$0		\$0		\$0	-			\$2,000		\$7,000	
18	Gμ	2		N	Pump Station 3D Site Imaging, Labeling, & SOP Program	\$0		SO	\$0	\$0				\$0				\$0		\$0	
FLEET	& FOUR	MENT IT	To be procured	through	Subtotal h Vehicle Replacement Fund)	\$620,000	\$0	-\$25,000	\$100,000	\$75,000	\$645,000	\$1,443,802	\$1,352,054	\$175,000	\$955,000	\$880,000					
19	GP	0	19200-03		Vac Truck	\$325,000	1	\$19,571	(\$19,571)	\$0	\$305,429	\$305,429	\$0	\$0	\$0	\$0	40	A.	l Asl		
20	GP	0	20200-03	С	Easement Vehicle	\$145,000		\$0	\$0	\$0	Marie Control							\$0		\$0	
21	GP	0	20300-07	-	Bypass Pump Connection Components & Pipe							\$145,000		\$0				\$0		\$0	1
22	GP	1	21200-03	+-		\$40,000		\$0	\$0	\$0		\$0		\$40,000				\$0		\$0	
23	GP	_	_	-	Tractor/Backhoe Replacement	50		\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
_	Mil	1	21500-04	-	Small Pickup	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	ML	1	21600-05	N	Forklift	50)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Contraction of the			Subtotal	\$510,000	\$0	\$19,571	-\$19,571	\$0	\$490,429	\$450,429	\$0	\$40,000	\$0	\$0					
25	MC	P Mater			& FORCE MAINS	1															
26	MC	1	11200-03	-	Marinwood Trunk Sewer Repair	\$300,000		\$33,000	(\$33,000)	\$0		\$267,000		\$0						\$0	\$0
27	MC	1	11200-03 12300-05	A	John Duckett Pump Station & HWY 101 Terra Linda TS Design Rafael Meadows Pump Station - Electrical	58,408,784		\$8,336,412	(\$6,755,000)	\$1,581,412		\$869,355	7010 500	\$784,425		\$0				\$0	
28	G#	1	18350-01		Captains Cove Pump Station Upgrades ⁽²⁾	\$100,000		\$100,000 \$29,765	\$50,000 \$0	\$150,000 \$29,765		\$0		\$150,000		\$100,000	4000,000			\$0	
29	MC	1	18360-01		Marin Lagoon Pump Station ⁽²⁾	\$163,615		\$160,491	\$0	\$160,491	\$3,124	\$31,062		\$29,765 \$160,491		\$0 \$134.509		\$0		\$0	
30	GP	1	19200-02		Manhole Frame & Cover Adjustment Allowance	\$50,000		\$50,000	\$0	\$50,000	\$3,124	\$31,082		\$50,000	\$295,000	\$134,509	7 7			\$200,000	
31	MC	1	19200-01	A	Sewer Main Rehabilitation (Air Release Valve & Vault Replacements)	\$379,803		\$379,803	(\$79,803)	\$300,000				\$300,000		\$0		\$50,000 \$0	\$50,000 \$0	\$50,000	
22	MC	1		-										27/2	,,		V 0	***	1	,,,	\$500,000
	MC	1	20200-01	N N	Force Main Assessment, Cleaning, Location Marking, & Mapping Smith Ranch Pump Station Electrical Upgrades	\$15,000		\$0	\$0	\$0	\$0	\$0		Št	\$100,000	\$100,000				\$0	
34	MC	1	21300-01	N	Contempo Marin MH N050.07 & Connection Improvement	\$15,000		\$15,000	\$0 \$0	\$15,000 \$0	\$0 \$0	\$0		\$15,000		\$60,000	\$0	50		\$0	
35	мс	1	21300-03		Standby/Towable Generators for Minor Pump Stations	50		\$0	\$0	\$0				50	\$200,000	\$150,000	\$400,000	\$0 \$0		\$0	
36	MC	1	21300-04	N	Pump Station Site Lighting, Safety, & Security Improvements	50		\$0	\$0	\$0				St		\$200,000		\$0		\$0	
37	MC	1	21300-06		Fencing Improvements at Various Locations	\$0)	\$0	\$0	\$0	\$0	\$0	\$0	Šć	\$60,000	\$60,000	\$60,000	\$60,000	ŚO	\$0	
38	MC MC	1	21300-07	N N	IWMP Pump Station & Force Main Projects (Placeholder)	36		50	50	\$0	50	50	50	\$4	\$100.000	\$100,000	\$250,000	\$250,000	\$2,000,000	\$2,000,000	
40	MC	1	21600-01		Automatic Transfer Switches for Pump Stations Emergency Bypass Pumping Analysis & Emergency Response Plan	50		\$0 \$0	\$0	\$0				\$0		\$105,000			\$50,000	\$50,000	\$305,000
41		1	21600-02		Annual Facility Painting at Various Locations	50	1	\$0	\$0 \$0	\$0 \$0	\$0 \$0			\$1		\$45,000		\$0		\$0	
42	MC	1	21600-03	N	Annual Facility Paving at Various Locations	50	Y.	\$0	\$0	\$0				\$1		\$30,000				\$35,000	
43	MC	2	18300-05	A	Hawthorn Pump Station Fencing	\$75,000	5	\$75,000	(\$50,000)	\$25,000				\$25,000				\$0		\$0.5,000	
44	MC	2		N	Descanso Pump Station Odor Control	\$0	9	\$0	\$0	\$0	\$0	\$0		\$I				_		\$0	
45	MC	2		N	Lower Marinwood Trunk Sewer M000,5 and MH M000,03 Access Road	50	1	\$0	\$0	\$0				\$1						\$0	
46	МС	2		N	Marinwood HWY 101 Trunk Sewer MH M000.51 & M000.49 Access Road	50		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	0 \$60,000
47	мс	2		N	Mulligan TS Capacity Upgrade	\$0	7	\$0	\$0	ŚO	\$0			-			Arres	40.000			4
48	MC	2		N	Rafael Meadows Pump Station - Civil	\$0		\$0	\$0	\$0				Si Si	7.7		4,50,000			\$0	
49	MC	2		N	SCADA Integration & Control Panel Replacements for Minor Pump Stations (4)	\$0		\$0	\$0	\$0					- 20			\$400,000 \$750,000		\$0 \$0	
50	MC	2		N	Systemwide Cathodic Protection Improvements	\$0	o l	50	\$0	\$0	\$0	\$0	so so	51	50	\$0	\$200,000	\$200,000	1	ŚC	0 \$400,000
51	MC	3	14300-05		Smith Ranch Rd Combined Force Main	\$1,838,149	5	\$1,838,145	(\$1,838,145)	\$0				S						\$0	
52	MC	3	20600-03		Smith Ranch CNG Filling Station Canopy	\$	0	50	\$0	\$0					30	\$0				\$0	
54	MC	3		N	Captains Cove and Marin Lagoon Pump Station Telemetry 21	\$0		50	\$0	\$0										\$250,000	
55	MC	3		N	Civic Center Pump Station VFD Control HWY 101 Northgate Industrial Park 8", Northgate North 12", Mulligan 18" TS Undergrossing Registerment	\$4		\$0 \$0	\$0 \$0	\$0 \$0		\$0		Si Si						\$4,500,000	7
56	MC	3		N	18" TS Undercrossing Replacement Lower Marinwood TS Capacity Upgrade & Relocation	\$0	1	50	śo	\$0			. 4-					4			1
	MC	3		N	McInnis Pump Station Improvements	54		50	\$0	\$0 #n	\$0	\$0	\$0	. 9	200	\$0				\$0	
			-			. 50	41	50	50	- 50	- 50	50	9 50	5	50	50	50	\$75,000	\$300,000	- \$0	5375,0

								FV 2	019-20				AS OF 4/10/2020		YEAR	1		PROJE	CTED		
								FY 2020	Transfer	FY 2020					Year 1	Year 1					
No.	Agr. F	Priority	Project No.	Туре	Project Name	FY 2020 Available	FY 2020 Revised	BEFORE	In/Out of Carryover		Projected Expenditures	Encumbered Amount*	PO Balance*	Available Funding	Projected Expenditures	2020-21 Request	Year 2 2021-22	Year 3 2022-23	Year 4 2023-24	Year 5 2024-25	5-Year Total
58	мс	3	T	N	Sewer Main Rehabilitation (Locations TBD)	50		Transfers \$0	\$0	Transfers \$0	\$0	\$0	\$0		2020-21 \$0		ćo.	\$2,000,000	40	40.000.000	4.444.44
	мс	3		N	Smith Ranch Pump Station Generator Diesel Conversion	50		\$0	\$0	\$0	\$0 \$0	\$0		\$0 \$0	\$0	\$0 \$0	\$0	\$2,000,000	\$100,000	\$500,000	\$4,000,000
60	MC	3		N	Vac Truck Recycled Water Filling Station & Wash Rack	\$0		\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$60,000
RECLAM	ATION	1			Subtotal	\$11,360,112	\$0	\$11,017,616	-\$8,705,948	\$2,311,668	\$316,709	\$1,167,417	\$900,708	\$1,514,685	\$2,572,748	\$1,314,509					
	мс	0	11500-09		Miller Creek - Rock Vane Repair	\$351,095	\$270,425	\$81,769	(\$81,769)	\$0	\$188,656	\$188,656	\$44,437	\$0	\$0	Śō	\$0	ŚO	ŚO	\$0	\$0
	MC MC	0	17500-05		McInnis Marsh Restoration	5100,000		50	\$0	\$0	\$100,000	\$100,000	\$0	\$0		\$0	\$0	\$0		\$0	\$0
	MC	0	20500-01 20500-03		Center Pivot No. 2 Irrigation System Replacement St. Vincent's Pump Station Headwall	\$40,000 \$50,000	\$165,000	\$59,000	(\$30,000)	\$29,000	\$106 000 \$0	\$106,000 \$0	\$0 \$0	\$29,000	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0
65	мс	ō	20500-02		Reclamation Storage Pond Valves & Transfer Boxes	\$30,000		(\$30,000)	\$30,000	\$0	\$60,000	\$0	\$0	\$60,000	\$0	\$0 \$0	\$70,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$70,000
	MC MC	0	20500-04		Sharp Solar Panel Replacement Project	\$100,000	-	\$30,300	(\$30,300)	śo	\$69,700	\$69,700	\$64,143	\$0	30	50	\$0	\$0	\$0	\$0	\$0
	MC	1	20500-05		Miller Creek Vegetation Maintenance Marsh Pond Vegetation Removal & Long-Term Vegetation Management	\$150,000	\$80,670	\$68,200	\$81,769	\$81,769 \$68,200	\$80,670 \$81,800	\$80,670 \$81,800	\$39,055 \$8,510	\$81,769 \$68,200	\$81,769 \$68,200	\$0 \$0	\$50,000 \$0	\$50,000 \$0	\$50,000 \$0	\$50,000 \$0	\$281,769 \$68,200
69	GP	1	21500:01	N	Reclamation Pump Station Improvements	50	_	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000	\$150,000	\$150,000	- 60	- 60	£225.000
70	GP	1	21500-02	N	Reclamation Shop Improvements	50		50	\$0	\$0	50	\$0		\$0		\$60,000	\$60,000	\$130,000	\$0 \$0	\$0 \$0	\$325,000 \$120,000
	MC	1	21500-03	N	Reclamation Bridge Load Capacity & Seismic Analysis	90		\$0	\$0	\$0	50	\$0		\$0		\$25,000	\$0	\$0	\$0	\$0	\$25,000
	MC MC	1	21500-04		Reclamation Pasture Irrigation System Study	50		\$0	\$0	\$0	50	\$0		\$0		\$45,000	\$0	\$0	\$0	\$0	\$45,000
-	MC	1	21500-06 23500-07	_	Automated Gate for Reclamation Bridge [WMP Reclamation Projects Placeholder)	\$0 \$0	_	\$0	\$0	\$0	50	\$0		\$0		\$20,000	\$0	\$0	\$0	\$0	\$20,000
	MC	2	assistan.		Reclamation Staging Area	\$0		\$0 \$0	\$0 \$0	\$0 \$0	50	50 \$0		\$0 \$0		\$50,000 \$0	\$150,000	\$150,000 \$0	\$150,000 \$0	\$150,000	\$650,000 \$60,000
	мс	2		N	Reclamation Storage Pond Algae Control	\$0		\$0	\$0	\$0	50	\$0	\$0	\$0		\$0	\$45,000	\$100,000	\$0	\$0	\$145,000
-	MC	2	_	_	Sludge Lagoon Liner Replacement/Repair	\$0		\$0	\$0	\$0	50	\$0		\$0	\$0	\$0	\$75,000	\$75,000	\$75,000	\$0	\$225,000
_	MC MC	2			St. Vincent's Pump Station Improvements Storage Pond 1 Transfer Pipe Repeir	50		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0		\$0 \$0		\$0	\$100,000	\$300,000	\$0	\$0	\$400,000
	MC	3	11500-09		Reclamation Parking Lot	\$0		50	\$0	\$0	50	\$0 \$0		\$0	\$0 \$0	\$0 \$0	\$60,000 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$60,000 \$0
	MC	3	21500-01	A	Reclamation Levee Capping	\$0		50	\$0	\$0	50	50	50	\$0		\$0	50	\$0	\$250,000	\$250,000	\$500,000
82	MC	3		N	Pond Security Fencing Subtotal:	\$00 \$221,000	\$516,095	\$259,269	50	\$0	50	\$0		50	50	\$0	\$0	\$200 000	\$0	\$0	\$200,000
TREATM	ENT PL	LANT (IN	ICL RECYCLED	WATER)	Subtour.	\$821,095	\$316,093	\$259,209	-\$80,300	\$178,969	\$686,826	\$626,826	\$156,144	\$238,969	\$374,969	\$225,000					
83	MC	0	12600-02	C	Plant Improvements 2018	\$463,332	\$488,332	\$61,107	\$0	\$61,107	5427,225	\$849,893	\$66,057	\$61,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	MC	0	20100-02		Administration Building Site Evaluation	\$100,000	\$121,833	\$0	\$0	\$0	\$121,833	\$114,024		\$7,809		\$0		\$0		\$0	\$0
85 86	MC	0	20600-01	+	Influent Screens Rebuild Lab Cabinet Rehab for Dishwasher & Sink	\$130,000 510,000	\$199,660	(\$1.501)	\$1,501	\$0	\$201,161	\$201,161		50		\$0 \$0		\$0		\$0	\$0
	мс	0	21600-17		Sludge Thickener Structure Removal	50		(560,000)	\$60,000	\$0 \$0	\$10,000	\$0 \$0		\$10,000 \$60,000	50	\$0	\$0 \$0	\$0 \$0		\$0 \$0	
	MC	1	20600-04		Flow Equalization Basin	\$400,000	\$638,739	\$338.870	\$4,000,000	\$4,338,870	\$299,870	\$599,739		\$4,039,000	\$374,870	\$75,000		\$D	\$0	\$0	
	MC	1	21100-01		Administration Building Design Carport & Paving for Lab	\$0		\$0 \$0	\$1,000,000	\$1,000,000	\$0 \$0	\$0		\$1,000,000		\$0	\$0	\$0	\$0	\$0	
	MC	1	21600-06		Digester Room MCC #1. Upgrade	\$0		\$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0		\$0 \$0	The second secon	\$40,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
92	MC	1	21600-07	N	Digester Improvements	\$0		\$0	\$300,000	\$300,000	50	\$0		\$300,000	\$300,000	\$0		\$0	\$0	\$0	
	MC	1	21600-08		Grit Chambers Coating & Auger Rebuild	\$0		\$0	\$0	\$0	50	\$0		\$0	\$40,000	\$200,000	\$0	\$0		\$0	
-	MC MC	1	21600-09		Plant Lighting Improvements and Other Electrical Enhancement Annual Plant Painting at Various Locations	\$0 \$0		50	\$0	\$0	\$0	\$0		\$0		\$100,000		\$0	\$0	\$0	
	MC	1	21600-11		Annual Plant Paving at Various Locations	50		(\$20,000)	\$20,000	\$0 \$0	\$0,000	\$0 \$0		\$20,000		\$30,000	\$35,000 \$35,000	\$35,000 \$35,000	\$35,000 \$35,000	\$35,000 \$35,000	\$170,000 \$170,000
97	мс	1	21600-12		Maintenance Shop & Locker Room Improvements	\$0		\$0	\$0	\$0	\$0	\$0		\$0		\$50,000	\$50,000	\$0	\$0	\$0	
	MC	1	21600-13	_	Varec Flare Maintenance	So		50	\$0	\$0	\$0	\$0		\$0	\$60,000	\$60,000	\$0	\$0	\$0	\$0	\$60,000
	MC MC	1	21600-14 21600-15	_	Bioassay Tank Installation Miscellaneous Plant Equipment Demolition & Disposal	\$0 \$0		50 \$0	\$0	\$0	50	\$0		\$0		\$45,000		\$0		\$0	
-	MC	1	21600-16		IWMP Treatment Plant Projects (Placeholder)	\$0		\$0 \$0	\$0 \$0	\$0 \$0	50	\$0		\$0 \$0		\$30,000		\$250,000	\$2,000,000	\$2,000,000	
102	MC	1			Radio Antenna at Hawthorn Pump Station	50		50	\$0	\$0	50	\$0		50	-	\$20,000	\$250,000	\$250,000 \$0	\$2,000,000	\$2,000,000	\$4,600,000 \$20,000
103		2		N	BERS Tail Gas Piping	\$0		50	\$0	\$0	\$0	\$0	\$0	\$0	50	\$0		\$0	\$0	\$0	
104		2			Chemical Tanks Replacement & Eyewash Station Comcast Cable Installation	\$0 \$0		\$0 50	\$0	\$0	50	\$0		\$0		\$0	\$60,000	\$0		\$0	
106	MC	2			Covered Vehicle Parking & Storage	\$0 \$0		50	\$0 \$0	\$0 \$0	\$0	\$0 \$0		\$0 \$0	\$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	
	MC	2	200000	N	Primary Clarifler #1 Improvements	\$0		50	\$0	\$0	\$0	\$0	\$0	50	\$0					\$0	
	MC MC	3	20600-03		BERS Canopy & Paving Disinfection System Review and Upgrade Design	\$150,000		\$150,000	\$0	\$150,000	\$0	50		\$150,000		\$0		\$45,000		\$0	
110	мс	3		N	Fixed Film Reactor Demolition	50		50	50 50	\$0 \$0	\$0 \$0	\$0		50	50 50	\$0 \$0		\$150,000	\$250,000 \$0	\$0 \$0	
111		3		N	High Strength Waste Receiving Station	50		50	50	:50	\$0	50	\$0	50	\$0	50	50	\$100,000	50	50	\$100,000
112	WIC I		-	ı N	Plant Potable Water Hydrant Installation Subtotal:	\$1,253,332	\$1,448,564	\$468,476	\$5,381,501	\$5,849,977	\$1,140,088	\$1,764,816		\$5,647,916		\$980,000	50	\$75,000	50	50	\$75,000
					Total (Non-Financed):			\$11,739,932	-\$3,324,318	\$8,415,613			\$3,337,038			\$3,399,509					
FINANC	ED PAC	DIECTS		0	R.				,	4-,-20,010	7-7-1-7-1-7-2	42,433,231	. 40,331,030	4-,020,303	. 44,207,386	COCICCOLOR					
116	МС	1	12600-07 & 16650-02	A	Secondary Treatment Plant Upgrade & Recycled Water Expansion	\$38,844,214	\$61,230,377	\$36,230,377	\$3,155,000	\$39,385,377	\$25,000,000	\$57,918,196	#REFI	\$6,467,181	\$22,000,000	\$0	\$2,430,000	\$0	\$0	\$0	\$63,660,377
117	-	1			Property Acquisition ⁽³⁾	50		\$0	\$0	\$0	\$0	\$C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
118	-	3			Administration Building Construction	50		\$0	\$0	\$0				\$0				\$15,000,000		\$0	
119	MC	3		N	John Duckett Pump Station & HWY 101 Terra Linda TS Construction	50		\$0	\$0	\$0	\$0	\$0		\$0				\$12,000,000		\$0	
					Subtotal	\$38,844,214	\$61,230,377	\$36,230,377	\$3,155,000	\$39,385,377	\$25,000,000	\$57,918,196	#REFI	\$6,467,181	\$22,000,000	\$0	o de la companya de l		-		•
					Pending Transfer Balance:				\$169,318	\$169,318											
					GRAND TOTAL	\$53,408,753	\$63,195,036	\$47,970,309	\$103,518	\$47,970,309	\$28,279,052	\$63,371,486	5 #REF!	\$14,083,751	\$28,267,586	\$3,399,509	Č.				
					Less STPURWE Carryover Before Transfers:					\$11,739,932											

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finites according to the

							F	Y 2019-20				AS OF 4/10/2020		YEAR	1		PROH	ECTED		
Line No.	gr. P	riority	Project No.	Type Project Name	FY 2020 Available	FY 2020 Revised	FY 2020 Carryover <u>BEFORE</u> Transfers	Transfer In/Out of Carryover	FY 2020 Carryover <u>AFTER</u> Transfers	Projected Expenditures	Encumbered Amount*	d PO Balance*	Available Funding	Year 1 Projected Expenditures 2020-21	Year 1 2020-21 Request	Year 2 2021-22	Year 3 2022-23	Year 4 2023-24	Year 5 2024-25	5-Year Total
ENDING	TRAN	ISFER.										_			-					
H	S.	0	20100-03	Redesign of Offices in Admin Building	520,000			(\$20,000)												
-0		0	19200-03	Vac Truck	\$325,000			(\$19,571)												
N	IC	0	18300-05	Marinwood Trunk Sewer Repair	\$300,000			(\$33,000)												
IV	1C	1	19200-01	Sewer Main Rehabilitation (Air Release Valve & Vault Replacements)	\$379,803			(\$79,803)												
N	1C	1	18300-05	Hawthorn Pump Station Fencing	575,000			(\$50,000)												
- N	1C	3	14300-05	Smith Ranch Rd Combined Force Main	11 838 145			(\$138,145)												
IV	1C	0	20500-01	Center Pivot No. 2 Irrigation System Replacement	540,000	\$165,000		(\$30,000)												
N	HC	0	20500-03	St. Vincent's Pump Station Headwall	\$50,000			(\$50,000)												
N	1C	0	20500-04	Sharp Solar Panel Replacement Project	\$100,000			(\$30,300)												
				Subtotal:	\$3,127,048			-\$450,819												

-\$450,819

\$45,000 To On-Call Engineering
\$575,000 To Biosolids System improvement Analysis
\$50,000 To Rafael Meadows Pump Station - Electrical
\$30,000 To Reclamation Storage Pond Valves & Transfer Boxes
\$1,501 To Influent Screens Rebuild
\$60,000 To Sludge Thickener Structure Removal
\$20,000 To Annual Plant Paving at Various Locations
-1108 318

Remaining Balance: \$169,318

* - Based on info received from RR on 2/22/2020.

(1) - Project with multi-year budgeting.

(2) - Funded by Captains Cove & Marin Lagoon HOA.

(3) - Unknown at this time, staff may request for budget increase when appropriate.

<u>Priority</u> 1 - High - Yr 1 2 - Medium - Yr 2 Type A - Active

C - Complete. Project is expected to be completed by end of current fiscal year.

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3 - Low - Yr 3, 4, or 5 CANC - Cancelled

0 - N/A N - New <u>Legend</u> Collections

2020-2021 PROJECT SHEET

Proj. #:

20100-05

Project: Integ	rated Wastewater Master Plan	Phase 1, 2 & 3		
Project Lead:	Mike Cortez	Dept.:	PLANNING, SOFTWARE, & OTHER ENGINEERING	

A - Actual D - Duogeted		KDOWN OI I	KOJECTOO	STANDIO	NDING SOOK	L	
Cost Summary	FY2020. Est. Carryovers	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL
Engineering Services	\$0	\$500,000	\$300,000				\$800,000
							\$0
							\$0
							\$0
							\$0
							\$0
TOTAL COST	\$0	\$500,000	\$300,000		\$0	\$0	\$800,000

1. Briefly	Describe and	provide	justification for t	his Ca	pital Pro	ject Req	uest.
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Development of an Integrated Wastewater Master Plan, which will include an integrated plan for District's collections, treatment, recycled water production, and biosolids disposal systems. The master plan will become a road map for future CIP projects.

2. Describe the project status and completed work.

Phase 1 includes Business Risk and Vulnerability Assessment and Preliminary Assessment of Assets are in progress.

3. Describe ar	y anticipated	grants related	to the project.
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N/A

		2020-20	21 PROJECT	SHEET			Proj.	#: 20100-	-05
	Project:	Integrated Wastew	ater Master Plan Fl	ow Monitoring Su	pport				
Proj	ect Lead:	Mike C	Cortez	Dept.:	PLANNING, SOFT	NARE, & OTHE	R ENGINEERIN	G	
	FY2020 Est.						\	\	
Cost Summary	Carryover \$ -	FY 2021 \$50,000	FY 2022 \$50,000	FY 2023	FY 2024 \$50,000	FY 2025 \$50,000	Future Yrs		AL 50,00
ngineering Services	\$ -	\$50,000	\$50,000	\$50,000	\$30,000	\$50,000		\$20	\$0,00 \$
									\$
									\$
									\$
OTAL COST	\$ -	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$25	50,00
			t.						
Briefly Describe and provide to provide flow monitoring support Describe the project status attart in FY 2021.	rt during master planning			3. Describe any a	nticipated grants re	lated to the pro	oject.		
provide flow monitoring support	rt during master planning				nticipated grants re	lated to the pro	oject.		
provide flow monitoring suppo	rt during master planning				nticipated grants re	lated to the pro	oject.		
provide flow monitoring suppo	rt during master planning				nticipated grants re	lated to the pro	oject.		
provide flow monitoring suppo	rt during master planning				nticipated grants re	lated to the pro	oject.		
provide flow monitoring suppo	rt during master planning				nticipated grants re	lated to the pro	oject.		
p provide flow monitoring support	rt during master planning				nticipated grants re	lated to the pro	oject.		
p provide flow monitoring support	rt during master planning				nticipated grants re	lated to the pro	oject.		
provide flow monitoring support	rt during master planning				nticipated grants re	lated to the pro	oject.		

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

	Project:	On-Call Constructi	ion Contract					
Proj	ect Lead:	Mike (Cortez	Dept.:	PLANNING, SOFT	WARE, & OTHER ENG	SINEERING	
A = Actual B = Budgeted	FY2020 Est. Carryover	BRE A	FY 2022	FY 2023	ST AND FUND FY 2024	FY 2025	Future Yrs	TOTAL
nstruction Cost	\$ -	\$110,000	\$200,000	\$200,000	\$200,000	\$200,000		\$910,00
								9
								4
								4
TAL COST	\$ -	\$110,000	\$200,000	\$200,000	\$200,000	\$200,000		\$910,00
have an on-call contractor ava		ects, such as sewer m		rs.				
have an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai		nticipated grants re	elated to the project.		
	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
escribe the project status a	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
escribe the project status a	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
ave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
ave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
nave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		
ave an on-call contractor ava	ilable for emergency projend completed work.		nain and facility repai	3. Describe any a	nticipated grants re	elated to the project.		

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

		2020-20	21 PROJECT	SHEET			Proj. #:	20125-01
Cost Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL Engineering Services \$100,000 \$200,000 \$	Project:	On-Call Engineering	ng Contract					
Cost Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Vrs TOTAL Engineering Services \$100,000 \$200,000 \$	Project Lead:	Mike (Cortez	Dept.:	PLANNING, SOFT	WARE, & OTHER I	ENGINEERING	
Cert Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL Project Project FY 2019-20. \$200,000 \$2								
Coat Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL Engineering Services \$100,000 \$200,000 \$								
Cest Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL Engineering Services \$100,000 \$200,000 \$								
Cest Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL Engineering Services \$100,000 \$200,000 \$		\	\	\	\	\	\	
Specific projects and provide justification for this Capital Project Resusest. O have an on-call engineering firm available for emergency projects needing design assistance. Describe the project status and completed work. Completed 2 on-call projects in FY 2019-20.	Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Briefly Describe and provide justification for this Capital Project Request. o have an on-call engineering firm available for emergency projects needing design assistance. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A								\$900,000
Briefly Describe and provide justification for this Capital Project Request. o have an on-call engineering firm available for emergency projects needing design assistance. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A								\$0
Briefly Describe and provide justification for this Capital Project Request. o have an on-call engineering firm available for emergency projects needing design assistance. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A								\$(
Briefly Describe and provide justification for this Capital Project Request. o have an on-call engineering firm available for emergency projects needing design assistance. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A								\$0
i. Briefly Describe and provide justification for this Capital Project Request. To have an on-call engineering firm available for emergency projects needing design assistance. P. Describe the project status and completed work. Sompleted 2 on-call projects in FY 2019-20. 3. Describe any anticipated grants related to the project. N/A	TOTAL COST	\$100,000	\$200,000	\$200,000	000 000	\$200,000		\$00,000
have an on-call engineering firm available for emergency projects needing design assistance. Describe the project status and completed work. Impleted 2 on-call projects in FY 2019-20. 3. Describe any anticipated grants related to the project. N/A								
Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A						2 1 =		
completed 2 on-call projects in FY 2019-20. N/A		, p		2 Deceribe any an	sticinated arente r	olated to the arcine	•	
					incipated grants i	ciated to the project	16s =	
	Completed 2 on-call projects in FY 2019-20			N/A				

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2020-2021 PROJECT SHEET Proj. #: 21125-01 Project: Project Files Scanning Project Lead: Mike Cortez Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted Future Yrs TOTAL FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **Cost Summary** Scanning Cost \$20,000 \$20,000 \$0 \$0 \$0 \$0 \$0 \$20,000 TOTAL COST \$20,000 \$0 \$0 \$0 \$0 1. Briefly Describe and provide justification for this Capital Project Request. To scan as-builts and project files in order to preserve historical knowledge of District facilities. 3. Describe any anticipated grants related to the project. 2. Describe the project status and completed work. N/A Start in FY 2021.

2020-2021 PROJECT SHEET 21125-02 Proj. #: Project: Drafting Software Upgrade Project Lead: **Mike Cortez** Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted FY 2021 TOTAL **Cost Summary** FY 2022 FY 2023 FY 2024 FY 2025 **Future Yrs** Software Cost \$10,000 \$10,000 \$0 \$0 \$0 \$0 \$0 \$10,000 TOTAL COST \$10,000 \$0 \$0 \$0 \$0 1. Briefly Describe and provide justification for this Capital Project Request. Existing AutoCAD on District computers is version 2015 and Acrobat was not designed for engineering markups. It's necessary to upgrade to the latest version of AutoCAD and install appropriate drafting software designed for engineering. 3. Describe any anticipated grants related to the project. 2. Describe the project status and completed work.

N/A

Purchase in FY 2021.

2020-2021 PROJECT SHEET 21125-03 Proj. #: Project: Alternative Funding Pursuit Project Lead: Mike Cortez Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted TOTAL FY 2021 FY 2025 Future Yrs **Cost Summary** FY 2022 FY 2023 FY 2024 Consultant Services \$50,000 \$15,000 \$15,000 \$15,000 \$15,000 \$110,000 \$0 \$0 \$0 \$0 \$0 \$15,000 \$15,000 \$110,000 TOTAL COST \$15,000 \$15,000 \$50,000 1. Briefly Describe and provide justification for this Capital Project Request. To pursue alternative funding such as grants and loans for CIP projects. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

Proj. #: 21200-01

R FNGINEERING				Project: Centricity Maintenance, Support, & Training										
	OFTWARE, & OTHER	PLANNING, SOF	Dept.:	Pease	Greg F	Project Lead:								
 050	INDING COUR	OT AND FUN	21507.00	4 K B O W W O F B	222									
C E S Future Yrs	JNDING SOURC	ST AND FUN FY 2024	OJECT CO	AKDOWN OF P	B R E A	A = Actual B = Budgeted								

A = Actual B = Budgeted	BREA	BREAKDOWN OF PROJECT COST AND FUNDING SOURCES									
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs TOTAL					
Consultant Services	\$30,000	\$20,000				\$50,000					
						\$0					
						\$0					
						\$0					
						\$0					
						\$0					
TOTAL COST	\$30,000	\$20,000	\$0	\$0	\$0	\$50,000					

1. Briefly Describe and provide justification for this Capital Proje	ct Request.		
To provide maintenance and support for the Cityworks software, inclu	uding extensive	e on-site training for District staff.	
2. Describe the project status and completed work.		3. Describe any anticipated grants related to the project.	
Start in FY 2021.		N/A	

2020-2021 PROJECT SHEET 21200-02 Proj. #: Project: MFD/HOA/Commercial Lateral Ordinance Outreach/Survey **Greg Pease** PLANNING, SOFTWARE, & OTHER ENGINEERING Project Lead: Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted TOTAL FY 2021 Future Yrs **Cost Summary** \$10,000 \$10,000 Outreach/Survey \$0 \$0 \$0 \$0 \$0 \$10,000 TOTAL COST \$10,000 1. Briefly Describe and provide justification for this Capital Project Request. For sewer lateral ordinance outreach and survey. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. Start in FY 2021. N/A

		2020-2	021 PROJEC	T SHEET			Proj. #		21500-08
Proje	ect: [I	Biosolids System	Improvement An	ılysis		1			
Project Lea	ad:	Mike	Cortez	Dept.;	PLANNING, SOF	TWARE, & OTH	IER ENGINEERING		
A = Actual B = Budgeted	-	BRE	AKDOWN OF	PROJECT C	OST AND FUN	DINGSOU	RCES	V	
Cost Summary	FY2020 Est. Carryover	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	/	TOTAL
Engineering Services	\$ 75,000	\$0							\$75,00
									\$
									3
									\$
					-			4	\$
OTAL COST	\$ 75,000	\$0	\$0	\$0	\$0	\$0			\$75,00
To evaluate and analyze options for bios	olids system improve	ement.							
2. Describe the project status and cor	mpleted work.			3. Describe any	anticipated grants	related to the p	roject.		
Start in FY 2021.				N/A					
				-					

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

		2020-202	1 PROJECT	SHEET			Proj. #: [11200-03
Proje	ect:	John Duckett Pum	p Station & HWY 1	01 Terra Linda TS	S Design			
Project Lea	ad:	Mike C	Cortez	Dept.:	COLLECTION SY	STEM (INCL. PUM	P STATIONS & FOR	RCE MAINS)
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
A = Actual B = Budgeted		BREA	KDOWNOFP	ROJECT CO	STANDFUN	DING SOURC	ES	
	FY2020 Est.					EV ODDE		TOTAL
Cost Summary	\$ 1,581,412	FY 2021 \	FY 2022 \ \$0	FY 2023 \$0	FY 2024 \$0	FY 2025 \$0	Future Yrs	**TOTAL \$1,581,412
	Ų 1,001,112	40	- 40					\$0
								\$0
								\$0
								\$0
TOTAL COST	\$ 1,581,412	\$0	\$0	\$0	\$0	\$0		\$0 \$1,581,412
Project will include the design for deepe		t Pump Station, elim						
2. Describe the project status and co	mpleted work.				anticipated grants	elated to the proje	oct.	
Resumed design in February 2020.				N/A				

		2020-2021 PRO	JECT SHEET			Proj. #:	12300-05
	Project:	Rafael Meadows Pump Statio	n - Electrical				
Proje	ect Lead:	Mike Cortez	Dept.:	COLLECTION SY	STEM (INCL. PU	MP STATIONS & FORC	CE MAINS)
FiOje	Col Leau.	inite outer		COLLEGION	01210 (1102110	iii dianond a fond	, c invario
				X			
Cost Summary	FY2020 Est. Carryover	FY 2021 FY 2022	2 FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Design Cost (15%)	\$ 150,000	\$90,000					\$240,00
Construction (55%)		\$330,					\$330,00
CM & Inspection (15%)		\$90,					\$90,00
Contingency (15%)		\$10,000 \$80,	000				\$90,00
OTAL COST	\$ 150,000	\$100,000 * \$500,0	000 \$0	\$0	\$0		\$ \$750,00
Briefly Describe and provide ograde of existing electrical facilities.	77		ael Meadows Pump Sta	tion.			
Describe the project status as	nd completed work		3 Describe er	anticinated grants	related to the pro	iort	
			3. Describe an	ny anticipated grants	related to the pro	ject.	
				ny anticipated grants (related to the pro	ject.	
				ny anticipated grants (related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
Pending coordination with City of S				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	
				ny anticipated grants	related to the pro	ject.	

	FY2020 Est. Carryover 29,765	Greg Po		Per Dept.: FY 2023 \$0 \$0	FY 2024	FY 2025	P STATIONS & FOR	TOTAL \$29,76
Cost Summary Construction/Equipment Cost \$ TOTAL COST \$ 1. Briefly Describe and provide justification Minor upgrades to Captains Cove Pump Static 2. Describe the project status and complete	29,765 29,765	FY 2021 \$0 \$0 *	FY 2022 \$0	FY 2023 \$0	FY 2024 \$0	FY 2025 \$0		**TOTAL \$29,76: \$1 \$1 \$1 \$2 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
Cost Summary Construction/Equipment Cost \$ FOTAL COST \$ I. Briefly Describe and provide justification winor upgrades to Captains Cove Pump Static 2. Describe the project status and complete	29,765 29,765	FY 2021 \$0 \$0 *	FY 2022 \$0	\$0	FY 2024 \$0	FY 2025 \$0		**TOTAL \$29,76: \$1 \$1 \$1 \$2 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
Construction/Equipment Cost \$ COTAL COST \$ I. Briefly Describe and provide justification when a provide provide provide control of the cont	29,765 29,765	\$0 \$0 *	\$0	\$0	\$0	\$0	Future Yrs	\$29,76 \$ \$ \$ \$ \$ \$ \$
Construction/Equipment Cost \$ FOTAL COST \$ I. Briefly Describe and provide justification white project status and complete s	29,765 29,765	\$0 \$0 *	\$0	\$0	\$0	\$0	Future Yrs	\$29,76 \$ \$ \$ \$ \$ \$ \$
Construction/Equipment Cost \$ FOTAL COST \$ I. Briefly Describe and provide justification when a provi	29,765 29,765	\$0 \$0 *	\$0	\$0	\$0	\$0	Future Yrs	\$29,76 \$ \$ \$ \$ \$
Construction/Equipment Cost \$ FOTAL COST \$ I. Briefly Describe and provide justification winor upgrades to Captains Cove Pump Station. P. Describe the project status and complete	29,765 29,765	\$0 \$0 *	\$0	\$0				\$ \$ \$ \$
Briefly Describe and provide justification Vinor upgrades to Captains Cove Pump Static Describe the project status and complete	n for this Capit		\$0	\$0	\$0	\$0		\$ \$ \$ \$
. Briefly Describe and provide justification finor upgrades to Captains Cove Pump Station. Describe the project status and complete	n for this Capit		\$0	\$0	\$0	\$0		\$ \$ \$
. Briefly Describe and provide justification finor upgrades to Captains Cove Pump Station. Describe the project status and complete	n for this Capit		\$0	\$0	\$0	\$0		\$
. Briefly Describe and provide justification linor upgrades to Captains Cove Pump Static . Describe the project status and complete	n for this Capit		\$0	\$0	\$0	\$0		
Briefly Describe and provide justification Vinor upgrades to Captains Cove Pump Static Describe the project status and complete	n for this Capit	ital Project Request.						
	ed work.			3. Describe any a	anticipated grants	related to the project	ct	
Start in FY 2021.	EU WOIR.				introl parcon granto	rolated to the project		
			100	N/A				

		2020-2	021 PROJECT	T SHEET			Proj. #:	18360-01
Projec		Marin Lagoon Pur	mp Station					
Project Lead	:	Mike	Cortez	Dept.:	COLLECTION SY	STEM (INCL. PUM	IP STATIONS &	FORCE MAINS)
A = Actual B = Budgeted		BRE	AKDOWNOFI	PROJECT CO	ST AND FUN	DING SOURC	ES	
	FY2020 Est.			EV 2002	EV annu	EV page	F. 4 V	
Cost Summary	Carryover	FY 2021 Completed in	FY 2022	FY 2023	FY 2024	FY 2025	\ Future Yrs	TOTAL
esign Cost (15%)	\$ 160,491	FY 2020.	\$30,000	\$30,000	\$30,000	\$30,000		\$280,4
onstruction (55%)		\$94,156	\$110,000	\$110,000	\$110,000	\$110,000		\$534,1
M & Inspection (15%)		\$20,176	\$30,000	\$30,000 \$30,000	\$30,000 \$30,000	\$30,000 \$30,000		\$140,1
ontingency (15%)		\$20,176	\$30,000	\$30,000	\$30,000	\$30,000		\$140,1
	Y							
TOTAL COST	\$ 160,491	\$134,509 *	\$200,000	\$200,000	\$200,000	\$200,000		\$1,095,0
ump station control cabinets need to be	upgraded due to d	leterioration, corrosi	on, and aging of the i	infrastructure.				
Pump station control cabinets need to be		leterioration, corrosi	on, and aging of the i	3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.				nticipated grants i	elated to the proje	ect.	
	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	elated to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	
Describe the project status and com	pleted work.			3. Describe any a	nticipated grants i	related to the proje	ect.	

		2020-20	21 PROJECT	SHEET			Proj. #:	19200-02
Pro	oject:	Manhole Frame &	Cover Adjustment	Allowance				
Project L	.ead:	Greg Pease		Dept.:			PUMP STATIONS & FORCE MAINS	
A = Actual B = Budgeted	FY2020 Est.	BREA	AKDOWN OF F	PROJECT CO	STANDFUNI	DING SOUR	ES	\
Cost Summary	Carryover	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Adjustment Allowance	\$ 50,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000 \$0
								\$0
								\$0
								\$0
TOTAL COST	\$ 50,000	\$0 *	\$50,000	\$50,000	\$50,000	\$50,000		\$0 \$250,000
Briefly Describe and provide just Reimbursement to adjust manhole fra Describe the project status and congoing.	me & cover grades with		nty and City of San F		ects. Inticipated grants re	elated to the proje	ect.	

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

Project Lead: Sewor Main Rehabilitation (Air Release Valve & Yoult Replacements)	EM (INCL. PUMP STATIONS &	#: 19200-01
FY2020 Est. Carryover FY 2021 FY 2022 FY 2023 FY 2024 Construction (70%) \$210,000 \$0 \$0 \$0 \$0 \$0 CM & inspection (15%) \$45,000 \$0 \$0 \$0 \$0 Contingency (15%) \$45,000 \$0 \$0 \$0 \$0 Contingency (15%) \$45,000 \$0 \$0 \$0 FOTAL COST \$ 300,000 \$0 \$0 \$0 FOTAL COST \$ 300,000 \$0 \$0 \$0 I. Briefly Describe and provide justification for this Capital Project Request. For replace 11 Air Release Valves and perform valve assessment as necessary. 2. Describe the project status and completed work. 3. Describe any anticipated grants results and completed work.	EM (INCL. PUMP STATIONS &	
Cost Summary Carryover FY 2021 FY 2022 FY 2023 FY 2024 Construction (70%) \$210,000 \$0 \$0 \$0 \$0 CM & Inspection (15%) \$45,000 \$0 \$0 \$0 Contingency (15%) \$45,000 \$0 \$0 \$0 Contingency (15%) \$45,000 \$0 \$0 \$0 FOTAL COST \$300,000 \$0 \$0 \$0 I. Briefly Describe and provide justification for this Capital Project Request. For replace 11 Air Release Valves and perform valve assessment as necessary. 2. Describe the project status and completed work. 3. Describe any anticipated grants results and completed work.		& FORCE MAINS)
Construction (70%) \$210,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		
SM & Inspection (15%) \$45,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY 2025 Future Yrs	
Contingency (15%) \$45,000 \$0 \$0 \$0 \$0 OTAL COST \$ 300,000 \$0 \$0 \$0 \$0 Briefly Describe and provide justification for this Capital Project Request. To replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work. 3. Describe any anticipated grants research.	\$0	\$210,00
OTAL COST \$ 300,000 \$0 \$0 \$0 \$0 Briefly Describe and provide justification for this Capital Project Request. o replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work. 3. Describe any anticipated grants re	\$0	\$45,00
Briefly Describe and provide justification for this Capital Project Request. o replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work. 3. Describe any anticipated grants re	\$0	\$45,00
Briefly Describe and provide justification for this Capital Project Request. o replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work. 3. Describe any anticipated grants re		\$
Briefly Describe and provide justification for this Capital Project Request. o replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work. 3. Describe any anticipated grants re		\$
. Briefly Describe and provide justification for this Capital Project Request. o replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work.		\$
o replace 11 Air Release Valves and perform valve assessment as necessary. Describe the project status and completed work. 3. Describe any anticipated grants re	\$0	\$300,00
omplete design and bidding in FY 2019-20. Construction anticipated in mid- to late- 2020.	ated to the project.	

Proj. #:

20200-01

Project: Force	& Mapping		
Project Lead:	Mike Cortez	Dept.:	COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

A = Actual B = Budgeted	BREA	KDOWNOF	PROJECT CO	STANDFU	NDING SOUR	CES	
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Cleaning Cost (20%)	\$20,000	\$10,000	\$10,000				\$40,000
Location Marking Cost (60%)	\$60,000	\$30,000	\$30,000				\$120,000
Mapping Cost (20%)	\$20,000	\$10,000	\$10,000				\$40,000
							\$0
							\$0
							\$0
TOTAL COST	\$100,000	\$50,000	\$50,000	\$0	\$0	ĺ	\$200,000

1	. Briefly Describ	e and provide	justification for this	Capital Project I	Request.

To clean, locate, and map District force mains. The District does not have accurate records of force mains. Current as-builts provided very limited information.

2. Describe the project status and completed work.	-	3. Describe any anticipated grants related to the project.
Start in FY 2021.		N/A

			2020-20	021 PROJEC	T SHEET				Proj. #:	20300-09		
	Project:	Project: Smith Ranch Pump Stat			n Electrical Upgrades							
	Project Lead:	F	Mike (Cortez	Dept.:	COLLE	CTION SY	STEM (INCL. PL	JMP STATIONS & FO	RCE MAINS)		
	r roject Lead.		- Inno	17 11 11 11		100222		0.2 (1.02				
A = Actual B = Bu	Jägeted		BREA	AKDOWN OF	PROJECT	:OST AN	DFUN	DING SOUR	CES			
	FY20	20 Est.	/)			1		/			
Cost Summary		yover	FY 2021	FY 2022	FY 2023	FY 2	024	FY 2025	Future Yrs	TOTAL		
lesign (15%)		\$2,250	\$9,000							\$11,25		
onstruction (55%)		\$8,250	\$33,000							\$41,25		
M & Inspection (15%)		\$2,250	\$9,000							\$11,25		
ontingency (15%)		\$2,250	\$9,000							\$11,25		
										\$		
		47.000	\$60,000 *		\$0		\$0	\$0		\$75,00		
OTAL COST	\$	15,000	\$60,000	\$0	φu		Ф О	J \$0		\$75,00		
o improve reliability by rep			that is obsolete of	or at the end of its		V41-1//-44	dto-	alated to the over	Na a A			
Describe the project st	atus and completed w	Drk.				y anticipate	d grants r	elated to the pro	oject.			
tart in FY 2021.					N/A							

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

Proj. #:

21300-01

Project:	: Contempo Marin MH N050.07 & Connection Improvement	
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Project Lead:

Mike Cortez

Dept.:

COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

A = Actual B = Budgeted Cost Summary	B R E A FY 2021	KDOWN OF FY 2022	PROJECT CO	STAND FU FY 2024	FY 2025	R C E S Future Yrs	TOTAL
Design (15%)	\$30,000	1 1 2022	112020	112027	1 1 2020	1 0,010 113	\$30,000
Construction (55%)	\$110,000						\$110,000
CM & Inspection (15%)	\$30,000						\$30,000
Contingency (15%)	\$30,000						\$30,000
							\$0
							\$0
TOTAL COST	\$200,000	\$0	\$0	\$0	\$0		\$200,000

. Briefly Describe and	provide justification	for this	Capital Project Request.
------------------------	-----------------------	----------	--------------------------

To replace corroded MH N050.07 at Contempo Marin and change alignment of the existing connection to prevent future corrosion.

2. Describe the project status and completed work.	

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

Proj. #:

21300-03

Project:	Project: Standby/Towable Generators for Mi			Pump Stati	ons							
Project Lead:	Mik	e Cortez	Dep		: [COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)					CE MAINS)	
A = Actual B = Budgeted Cost Summary	B R FY 2021	FY 2022	FP	FY 2023	COS	FY 2024	UNE	FY 2025	RCE	E S Future Yrs	1	TOTAL
Design (15%)	\$82,500	112022		1 1 2020		1 1 2021	_	1 1 2020		T digital Tra		\$82,500
Construction (55%)	\$82,500	\$220,000										\$302,500
CM & Inspection (15%)	\$22,500	\$60,000										\$82,500
Contingency (15%)	\$22,500	\$60,000										\$82,500
												\$0 \$0
TOTAL COST	\$150,000	\$400,000		\$0	T	\$0		\$0		-	T	\$550,000
Briefly Describe and provide justificati												
The District lacks comprehensive emergend deficiency.	cy backup power	for Adrian, McPhai	i's, Ka	atael Meadow	s, and	Industrial Pa	rk. Pu	irchase of stan	aby/te	owable genera	tors w	ili address this
2. Describe the project status and compl	eted work.		1 5	. Describe a	ny an	ticipated gra	nts re	elated to the p	rojec	t.		
Start in FY 2021.			N	I/A								

Proj. #:

21300-04

Project: Pump Station Site Lighting, Safety, & Security Improvements						
Project Lead:	Mike Cortez	Dept.:	COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)			

A = Actual B = Budgeted	BREA	KDOWNOFP	ROJECTC	DSTANDFL	INDING SOU	RCES	
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Design (15%)	\$30,000	\$112,500					\$142,500
Construction (55%)	\$110,000	\$412,500					\$522,500
CM & Inspection (15%)	\$30,000	\$112,500					\$142,500
Contingency (15%)	\$30,000	\$112,500					\$142,500
							\$0
							\$0
TOTAL COST	\$200,000	\$750,000	\$0	\$0	\$0		\$950,000

1. Briefly Describe and provide justification for this Capit
--

To replace failed ballasts and upgrade existing fluorescent light fixtures that meet the current NFPA Electrical Code for classified environments. Proper lighting can lower risk of injuries related to safety.

2. Describe the project status and completed work.	 3. Describe any anticipated grants related to the project.
Start in FY 2021.	N/A

Proj. #:

21300-06

Project: Fenc	ing Improvements at Various L	ocations	
Project Lead:	Mike Cortez	Dept.:	COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

A = Actual B = Budgeted	BREA	KDOWNOFF	ROJECT CO	STANDFUN	IDINGSOUP	RCES	
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Construction (70%)	\$42,000	\$42,000	\$42,000				\$126,000
CM & Inspection (15%)	\$9,000	\$9,000	\$9,000				\$27,000
Contingency (15%)	\$9,000	\$9,000	\$9,000				\$27,000
							\$0
							\$0
							\$0
TOTAL COST	\$60,000	\$60,000	\$60,000	\$0	\$0		\$180,000

To replace and/or repair existing fencing at various pump stations and improve		urity of District property.
2. Describe the project status and completed work.	7	3. Describe any anticipated grants related to the project.
Start in FY 2021.		N/A

Proj. #:

21300-07

				_				_			_
Project:	DA/MAD	Dumn	Station	9.	Force	Main	Projecte	/DI	acaba	Ide	

Project Lead: Mike Cortez

Dept.:

COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

A = Actual B = Budgeted	BREA	KDOWNOFF	ROJECT COS	STANDFUND	INGSOURC	ES	×
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Design (15%)	\$15,000	\$37,500	\$37,500	\$300,000	\$300,000		\$690,000
Construction (55%)	\$55,000	\$137,500	\$137,500	\$1,100,000	\$1,100,000		\$2,530,000
CM & Inspection (15%)	\$15,000	\$37,500	\$37,500	\$300,000	\$300,000		\$690,000
Contingency (15%)	\$15,000	\$37,500	\$37,500	\$300,000	\$300,000		\$690,000
							\$0
							\$0
TOTAL COST	\$100,000	\$250,000	\$250,000	\$2,000,000	\$2,000,000		\$4,600,000

To implement emergency projects as identified in the master planning process.

Z.	Describe	the project	status and	i completed	WORK.	
_						

Start in FY 2021.

N/A

Proj. #:

21350-01

Project: Automatic Transfer Switches for Pump Stations

Project Lead:

Mike Cortez

Dept.:

COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

A = Actual B = Budgeted Cost Summary	B R E A	KDOWN OF F	PROJECT CO	STAND FUND	FY 2025	E S Future Yrs	TOTAL
Design (15%)	\$15,750	\$7,500	\$7,500	\$7,500	\$7,500		\$45,750
Construction (55%)	\$57,750	\$27,500	\$27,500	\$27,500	\$27,500		\$167,750
CM & Inspection (15%)	\$15,750	\$7,500	\$7,500	\$7,500	\$7,500		\$45,750
Contingency (15%)	\$15,750	\$7,500	\$7,500	\$7,500	\$7,500		\$45,750
							\$0
							\$0
TOTAL COST	\$105,000	\$50,000	\$50,000	\$50,000	\$50,000		\$305,000

Briefly Describe and provide justification for this Capital Project I	Request.	
To replace Automatic Transfer Switches for all major pump stations.		
2. Describe the project status and completed work.	3. Describe any anticipated grants related to the project.	
Start in FY 2021.	N/A	

2020-2021 PROJECT SHEET Proj. #: 21600-01 Project: Emergency Bypass Pumping Analysis & Emergency Response Plan COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS) **Mike Cortez** Project Lead: Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted TOTAL **Cost Summary** FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs \$45,000 Engineering Cost \$45,000 \$0 \$0 \$0 \$0 \$0 TOTAL COST \$45,000 \$45,000 \$0 1. Briefly Describe and provide justification for this Capital Project Request. To analyze and provide appropriate connection and isolation fittings at all District pump stations for bypass pumping with the existing 4" & 8" pumps. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

Proj. #:

21600-02

Project: Annu	al Facility Painting at Various	Locations	
Project Lead:	Mike Cortez	Dept.:	COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

A = Actual B = Budgeted	BREA	KDOWNOFF	ROJECT COS	ST AND FUND	ING SOURC	ES	
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Construction (70%)	\$21,000	\$24,500	\$24,500	\$24,500	\$24,500		\$119,000
CM & Inspection (15%)	\$4,500	\$5,250	\$5,250	\$5,250	\$5,250		\$25,500
Contingency (15%)	\$4,500	\$5,250	\$5,250	\$5,250	\$5,250		\$25,500
							\$0
							\$0
							\$0
TOTAL COST	\$30,000	\$35,000	\$35,000	\$35,000	\$35,000		\$170,000

Briefly Describe and provide justification for this Capital Project Requestor To recoat piping and miscellaneous equipment at various pump stations.	est.
2. Describe the project status and completed work.	3. Describe any anticipated grants related to the project.
Start in FY 2021.	N/A

2020-2021 PROJECT SHEET 21600-03 Proj. #: Project: Annual Facility Paving at Various Locations COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS) Project Lead: Mike Cortez Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL **Cost Summary** \$119,000 \$24,500 \$24,500 Construction (70%) \$21,000 \$24,500 \$24,500

\$5,250

\$5,250

\$35,000

\$5,250

\$5,250

\$35,000

\$4,500

\$4,500

\$30,000

\$5,250

\$5,250

\$35,000

\$5,250

\$5,250

\$35,000

\$25,500

\$25,500 \$0 \$0 \$0

\$170,000

1. Briefly Describe and provide justification for this Capital Project Request.	
To replace and/or repair existing paving at various pump stations.	
2. Describe the project status and completed work.	3. Describe any anticipated grants related to the project.
Start in FY 2021.	N/A

CM & Inspection (15%)

Contingency (15%)

TOTAL COST

			2020-20	21 PROJECT	SHEET			Proj. #:	11500-09
P	Project:	[A	Ailler Creek Veget	ation Improvement	S				
Project	t Lead:	Г	Mike (Cortez	Dept.:	RECLAMATION			
		_							
A = Actual B = Budgeted)20 Est.	/	1	\	ST AND FUND	/	\	
Cost Summary		ryover	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	\ Future Yrs	TOTAL
Maintenance Cost	\$	81,769	\$0	\$50,000	\$50,000	\$50,000	\$50,000		\$281,769 \$0
									\$0
									\$0
									\$0 \$0
TOTAL COST	\$	81,769	\$0 *	\$50,000	\$50,000	\$50,000	\$50,000		\$281,769
To maintain vegetation along Miller C 2. Describe the project status and			latory agentions.		3. Describe any a	nticipated grants re	lated to the proje	ect.	
Ongoing.					N/A				
40 L									

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

		2020-202	21 PROJECT	SHEET			Proj. #: 2050	00-05
Pro	oject: Ma	sh Pond Vegetal	tion Removal & Lor	ng-Term Vegetatio	n Management			
Project L	Lead:	Mike C	ortez	Dept.:	RECLAMATION			
	4-1		,					
A = Actual B = Budgeted	FY2020 Est.	BREA	1	/	1	ING SOURCES		
Cost Summary Consultant Services	\$ 68,200	FY 2021 \$0	FY 2022 \$0	FY 2023 \$0	FY 2024 \$0	FY 2025 Futu \$0		\$68,200
Johnsultant Services	\$ 68,200	\$0	20	φυ	Φ0	\$0		\$00,200
								\$0
								\$0
								\$0
TOTAL COST	\$ 68,200	\$0	\$0	\$0	\$0	\$0		\$68,200
o prepare a long-term vegetation ma		an ponu.	3	. Describe any ant	icipated grants re	ated to the project.	15-1-1-	7 . I
Started in FY 2020.			N	/A				
					- X			

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2020-2021 PROJECT SHEET Proj. #: 21500-01 Project: Reclamation Pump Station Improvements RECLAMATION **Greg Pease** Project Lead: Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted **Cost Summary** FY 2024 Future Yrs TOTAL FY 2021 FY 2022 FY 2023 \$48,750 \$22,500 \$22,500 Design (15%) \$3,750 \$82,500 \$178,750 Construction (55%) \$13,750 \$82,500 \$48,750 CM & Inspection (15%) \$3,750 \$22,500 \$22,500 \$22,500 \$22,500 \$48,750 \$3,750 Contingency (15%) \$0 \$0 \$150,000 \$325,000 TOTAL COST \$25,000 \$150,000 1. Briefly Describe and provide justification for this Capital Project Request.

To replace pumps and electrical conduits, including minor repairs and upgrades	s to	the pump station.
2. Describe the project status and completed work.	1	3. Describe any anticipated grants related to the project.
Start in FY 2021.		N/A

2020-2021 PROJECT SHEET Proj. #: 21500-02 Project: Reclamation Shop Improvements RECLAMATION **Greg Pease** Dept.: Project Lead: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted TOTAL **Cost Summary** FY 2021 FY 2022 \$42,000 \$84,000 \$42,000 Construction (70%) \$9,000 \$9,000 \$18,000 CM & Inspection (15%) \$18,000 Contingency (15%) \$9,000 \$9,000 \$0 \$0 \$0 \$60,000 \$120,000 \$60,000 TOTAL COST 1. Briefly Describe and provide justification for this Capital Project Request. To replace sanitary sewer and potable water piping for the shop building, and extend perimeter fencing. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

2020-2021 PROJECT SHEET 21500-03 Proj. #: Project: Reclamation Bridge Load Capacity & Seismic Analysis **Greg Pease** RECLAMATION Project Lead: Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted Cost Summary FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL \$25,000 \$25,000 Engineering Cost \$0 \$0 \$0 \$0 \$0 TOTAL COST \$25,000 \$0 \$0 \$25,000 \$0 \$0 1. Briefly Describe and provide justification for this Capital Project Request. To evaluate existing bridge for load capacity and seismic analysis. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

2020-2021 PROJECT SHEET Proj. #: 21500-04 Project: Reclamation Pasture Irrigation System Study Mike Cortez Dept.: RECLAMATION Project Lead: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted **Cost Summary** FY 2021 FY 2022 FY 2023 FY 2024 Future Yrs TOTAL \$45,000 Engineering Cost \$45,000 \$0 \$0 \$0 \$0 \$0 TOTAL COST \$45,000 \$45,000 1. Briefly Describe and provide justification for this Capital Project Request. To evaluate existing and alternative irrigation systems for replacement of the existing center pivots. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

2020-2021 PROJECT SHEET Proj. #: 21500-06 Project: Automated Gate for Reclamation Bridge Mike Cortez RECLAMATION Project Lead: Dept.: A = Actual B = Budgeted BREAKDOWN OF PROJECT COST AND FUNDING SOURCES **Cost Summary** FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL \$20,000 Construction Cost \$20,000 \$0 \$0 \$0 \$0 \$0 TOTAL COST \$20,000 \$0 \$0 \$20,000 1. Briefly Describe and provide justification for this Capital Project Request. To replace existing yellow gate for the reclamation bridge. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

Proj. #:

21500-07

Project: IW	MP Reclamation Projects (Placehold	er)	
Project Lead:	Mike Cortez	Dept.:	RECLAMATION

A = Actual B = Budgeted	BREA	KDOWNOFP	ROJECT COS	ST AND FUND	ING SOURC	ES	
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Design (15%)	\$7,500	\$22,500	\$22,500	\$22,500	\$22,500		\$97,500
Construction (55%)	\$27,500	\$82,500	\$82,500	\$82,500	\$82,500		\$357,500
CM & Inspection (15%)	\$7,500	\$22,500	\$22,500	\$22,500	\$22,500		\$97,500
Contingency (15%)	\$7,500	\$22,500	\$22,500	\$22,500	\$22,500		\$97,500
							\$0
							\$0
TOTAL COST	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000		\$650,000

1. Briefly Describe and provide Justification for this Capital Project Reques	st.		
To implement emergency projects as identified in the master planning process.			
2. Describe the project status and completed work.		3. Describe any anticipated grants related to the project.	
Start in FY 2021.		N/A	

		2020-20	21 PROJECT	SHEET			Proj. #: [20600-04
Project:	[i	Flow Equalization I	Basin					
Project Lead:		Mike	Cortez	Dept	TREATMENT PL	ANT (INCL. REC	(CLED WATER)	
A = Actual B = Budgeted		BRE	AKDOWNOFP	ROJECT CO	ST AND FUND	INGSOURC	ES	
Cost Summary	FY2020 Est. Carryover	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Design		\$75,000					TO STATE OF THE PARTY.	\$75,000
Construction	\$3,037,209		\$462,791					\$3,500,000
CM & Inspection	\$650,831		\$99,170					\$750,000
Contingency	\$650,831		\$99,170					\$750,000
	,,,,,,,		,					\$0
								\$0
TOTAL COST	\$ 4,338,870	\$75,000 *	\$661,130	\$0	\$0	\$0		\$5,075,000
Describe the project status and complex project status and complex projects. Bidding scheduled in least progress. Bidding scheduled in least project status and complex projects are complex projects.				3. Describe any	anticipated grants	related to the pre	oject.	

		2020-202	1 PROJEC	T SHEET			Proj. #:	21100-01
	Project:	Administration Buil	Iding Design					
Proje	ect Lead:	Mike C	ortez	Dept.	TREATMENT PL	ANT (INCL. RE	CYCLED WATER)	
A = Actual B = Budgeted	i FY2020 Est	BREA	KDOWNOF	PROJECT C	OST AND FUN	DING SOU	RCES	
Cost Summary	Carryover	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Design (85%)	\$850,000	\$0						\$850,00
Contingency (15%)	\$150,000	\$0						\$150,00
								\$
								\$
TOTAL COST	\$ 1,000,000	\$0 *	\$0	\$0	\$0	\$0		\$1,000,00
	1,000,000	4-						4.,000,00
Design and construct a new admi				3. Describe any	anticipated grants	related to the p	roject.	1. S (1)
Start in FY 2021.	itu completeu work.			N/A	antio pateu grants	related to the p	10,000,	
		112				1		

2020-2021 PROJECT SHEET 21400-01 Proj. #: Project: Carport & Paving for Lab TREATMENT PLANT (INCL. RECYCLED WATER) Project Lead: **Mike Cortez** Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted **Cost Summary** FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL \$40,000 \$40,000 Construction Cost \$0 \$0 \$0 \$0 \$0 TOTAL COST \$40,000 \$0 \$0 \$0 \$40,000 \$0 1. Briefly Describe and provide justification for this Capital Project Request. To install a carport in front of the lab building for protection of employee and District vehicles. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

2020-2021 PROJECT SHEET Proj. #: 21600-06 Project: Digester Room MCC #1 Upgrade Mike Cortez TREATMENT PLANT (INCL. RECYCLED WATER) Dept.: Project Lead: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted FY 2021 TOTAL **Cost Summary** \$30,000 \$30,000 Design (15%) \$110,000 Construction (55%) \$110,000 \$30,000 CM & Inspection (15%) \$30,000 \$30,000 \$30,000 Contingency (15%) \$0 \$0 \$0 \$200,000 TOTAL COST \$200,000 1. Briefly Describe and provide justification for this Capital Project Request. To replace existing MCC #1 in the Digester Room that was installed in 1964 for safety and reliability. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. Start in FY 2021. N/A

		2020)-2021 PROJ	ECT SHEET						Proj. #		21600-07
Pr	oject:	Digester Impro	vements									
Project I	Lead:	Mil	Dept	Dept.: TREATMENT PLANT (IN				INCL. RECYCLED WATER)				
Cost Summary	FY2020 Est Carryover	FY 2021	FY 2022	FY 2023	100	FY 2024		FY 2025	1	Future Yrs	1	TOTAL
Design (15%)	\$45,000		\$450,000									\$495,000
Construction (55%)	\$165,000		\$1,650,000	0								\$1,815,00
CM & Inspection (15%)	\$45,000		\$450,000	0	П							\$495,00
Contingency (15%)	\$45,000		\$450,000	0								\$495,00
							П					\$
OTAL COST	\$ 300,000	\$0	* \$3,000,00	00 \$0	-	\$0		\$0	+			\$3,300,00
Briefly Describe and provide just on install redundant Digester Mixing F	Pump, Heat Exchanger,	and Heated Slu	udge Recirculation F	Pump; provide Sodi	um Bic	arbonate Fee	d Syste	em to the dige	esters;	install Digest	er Ferri	c Chloride
eed Metering Pump; install 3-Way V		op; and replace	pervious concrete	in digester mixing p			nts rela	ated to the p	roject.			
Start in FY 2021.				N/A								
		- T		J. L.			- 11	4				-

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

Proj. #:

21600-08

Project: Grit (Chambers Coating & Auger Rel	ouild		
Project Lead:	Mike Cortez	Dept.:	TREATMENT PLANT (INCL. RECYCLED WATER)	

A = Actual B = Budgeted	BREAKDOWN OF PROJECT COST AND FUNDING SOURCES								
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL		
Design (15%)	\$30,000	\$0					\$30,000		
Construction (55%)	\$110,000	\$0					\$110,000		
CM & Inspection (15%)	\$30,000	\$0					\$30,000		
Contingency (15%)	\$30,000	\$0					\$30,000		
							\$0		
							\$0		
TOTAL COST	\$200,000	\$0	\$0	\$0	\$0		\$200,000		

1. Briefly Describe and provide justification for this Capital Project R	Request.	
To recoat existing grit chambers and rebuild grit auger.		
Describe the project status and completed work.	Describe any anticipated grants related to the project.	
Start in FY 2021.	N/A	

2020-2021 PROJECT SHEET Proj. #: 21600-09 Project: Plant Lighting Improvements and Other Electrical Enhancement **Mike Cortez** Dept.: TREATMENT PLANT (INCL. RECYCLED WATER) Project Lead: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted TOTAL **Cost Summary** FY 2021 FY 2022 FY 2024 \$36,750 \$15,000 \$21,750 Design (15%) \$55,000 \$79,750 \$134,750 Construction (55%) \$36,750 CM & Inspection (15%) \$15,000 \$21,750 \$15,000 \$21,750 \$36,750 Contingency (15%) \$0 \$0 \$245,000 TOTAL COST \$100,000 \$145,000 1. Briefly Describe and provide justification for this Capital Project Request.

N/A

3. Describe any anticipated grants related to the project.

To replace existing plant lighting fixtures with more efficient LED units including electrical upgrades to save energy and enhance safety.

2. Describe the project status and completed work.

Start in FY 2021.

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

Proj. #:

21600-10

Project:	Annual Plant Painting at Various Locations
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Project Lead:

Mike Cortez

Dept.:

TREATMENT PLANT (INCL. RECYCLED WATER)

A = Actual B = Budgeted Cost Summary	B R E A	KDOWN OF F	PROJECT CO	STAND FUNE FY 2024	FY 2025	E S Future Yrs	TOTAL
Construction (70%)	\$21,000	\$24,500	\$24,500	\$24,500	\$24,500		\$119,000
CM & Inspection (15%)	\$4,500	\$5,250	\$5,250	\$5,250	\$5,250		\$25,500
Contingency (15%)	\$4,500	\$5,250	\$5,250	\$5,250	\$5,250		\$25,500
							\$0
							\$0
							\$0
TOTAL COST	\$30,000	\$35,000	\$35,000	\$35,000	\$35,000		\$170,000

1. Briefly Describe and provide justification for this Capital F	Project Request.
--	------------------

To recoat piping and miscellaneous equipment at various plant facilities.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

Proj. #: 21600-11

Project:	Annual Plan	t Paving at	Various	Locations
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Project Lead:

Mike Cortez

Dept.:

TREATMENT PLANT (INCL. RECYCLED WATER)

A = Actual B = Budgeted Cost Summary	B R E A	KDOWN OF F	PROJECT CO FY 2023	ST AND FUND FY 2024	ING SOURC	E S Future Yrs	TOTAL
Construction (70%)	\$21,000	\$24,500	\$24,500	\$24,500	\$24,500		\$119,000
CM & Inspection (15%)	\$4,500	\$5,250	\$5,250	\$5,250	\$5,250		\$25,500
Contingency (15%)	\$4,500	\$5,250	\$5,250	\$5,250	\$5,250		\$25,500
-							\$0
							\$0
							\$0
TOTAL COST	\$30,000	\$35,000	\$35,000	\$35,000	\$35,000		\$170,000

Briefly Describe and provide justification for this Capital Project Reques	st.	
To replace and/or repair existing paving at various plant facilities.		
2. Describe the project status and completed work.		3. Describe any anticipated grants related to the project.
Start in FY 2021.		N/A

2020-2021 PROJECT SHEET Proj. #: 21600-12 Project: Maintenance Shop & Locker Room Improvements Project Lead: Mike Cortez Dept.: TREATMENT PLANT (INCL. RECYCLED WATER)

A = Actual B = Budgeted	BREA	KDOWNOFP	ROJECT	OSTANDF	UNDINGSOU	RCES	
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL
Construction (70%)	\$35,000	\$35,000					\$70,000
CM & Inspection (15%)	\$7,500	\$7,500					\$15,000
Contingency (15%)	\$7,500	\$7,500					\$15,000
							\$0
							\$0
							\$0
TOTAL COST	\$50,000	\$50,000	\$0	\$0	\$0		\$100,000

Briefly Describe and provide justification for this Capital Proj	t Request.	
install a door for the oil storage area, an access ladder to the root	for routine maintenance of equipment, and renovate existing locker room a	at the shop.
Describe the project status and completed work.	3. Describe any anticipated grants related to the project	
art in FY 2021.	N/A	

2020-2021 PROJECT SHEET 21600-13 Proj. #: Project: Varec Flare Maintenance TREATMENT PLANT (INCL. RECYCLED WATER) **Mike Cortez** Project Lead: Dept.: BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted **Cost Summary** FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL \$42,000 Construction (70%) \$42,000 \$9,000 CM & Inspection (15%) \$9,000 Contingency (15%) \$9,000 \$9,000 \$0 \$0 \$0 TOTAL COST \$60,000 \$0 \$0 \$0 \$0 \$60,000 1. Briefly Describe and provide justification for this Capital Project Request. To weld cracked gussets and clean orifices for the waste gas burner. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Start in FY 2021.

2020-2021 PROJECT SHEET 21600-14 Proj. #: Project: Bloassay Tank Installation Project Lead: Mike Cortez Dept.: TREATMENT PLANT (INCL. RECYCLED WATER) BREAKDOWN OF PROJECT COST AND FUNDING SOURCES A = Actual B = Budgeted FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 Future Yrs TOTAL **Cost Summary** \$31,500 Construction (70%) \$31,500 \$6,750 CM & Inspection (15%) \$6,750 \$6,750 \$6,750 Contingency (15%) \$0 \$0 \$0 \$45,000 \$45,000 TOTAL COST \$0 \$0 \$0 \$0 1. Briefly Describe and provide justification for this Capital Project Request. To replace existing bioassay tank for the lab. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Complete furnish and install in FY 2021.

Proj. #:

21600-15

Project: Miscellaneous Plant Equipment Demolition & Disposal	

Project Lead:

Mike Cortez

Dept.:

TREATMENT PLANT (INCL. RECYCLED WATER)

A = Actual B = Budgeted Cost Summary	BREA FY 2021	KDOWN OF F	FY 2023	STAND FUNI FY 2024	FY 2025	S Future Yrs	TOTAL
Demoliton Cost	\$30,000						\$30,000
							\$0
							\$0
							\$0
							\$0
							\$0
TOTAL COST	\$30,000	\$0	\$0	\$0	\$0		\$30,000

	1. Briefly Describe and provide justification for this Capital Project Request.
ĺ	To demolish, haul, and dispose of miscellaneous plant equipment.

Complete furnish and install in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

Proj. #:

21600-16

Project: IV	IWMP Treatment Plant Projects (Placeholder)							
Project Lead:	Mike Cortez	Dept.:	TREATMENT PLANT (INCL. RECYCLED WATER)					

A = Actual B = Budgeted	BREAKDOWN OF PROJECT COST AND FUNDING SOURCES								
Cost Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Yrs	TOTAL		
Design (15%)	\$15,000	\$37,500	\$37,500	\$300,000	\$300,000		\$690,000		
Construction (55%)	\$55,000	\$137,500	\$137,500	\$1,100,000	\$1,100,000		\$2,530,000		
CM & Inspection (15%)	\$15,000	\$37,500	\$37,500	\$300,000	\$300,000		\$690,000		
Contingency (15%)	\$15,000	\$37,500	\$37,500	\$300,000	\$300,000		\$690,000		
							\$0		
							\$0		
TOTAL COST	\$100,000	\$250,000	\$250,000	\$2,000,000	\$2,000,000		\$4,600,000		

Briefly Describe and provide justification for this Capital Project Request.	
To implement emergency projects as identified in the master planning process.	
2. Describe the project status and completed work.	3. Describe any anticipated grants related to the project.
Complete furnish and install in FY 2021.	N/A

	20	20-2021 P	ROJECT SHEE	Т			Proj. #	: [TBD
Project: Ra	adio Antenna at H	awthorn Pum	p Station						
Project Lead:	Mike C	ortez	Dept.:	COLLECTION	SYSTEM (INCL	PUMI	P STATIONS A	ND FO	RCE MAINS
						10000		_	
A = Actual B = Budgeted Cost Summary	B R E A FY 2021	FY 2022	F PROJECT CO	STAND FU FY 2024	FY 2025	1	E S Future Yrs	\	TOTAL
Demoliton Cost	\$20,000	.,							\$20,0
						-			
OTAL COST	\$20,000	\$0	\$0	\$0	\$0			-	\$20,0
Briefly Describe and provide justification	n for this Capital	Project Reque	st.						
install radio antenna at Hawthorn Pump St	ation								
Describe the project status and complet	ted work.		3. Describe any	anticipated gra	nts related to the	proje	ect.		
omplete furnish and install in FY 2021.			N/A						

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2020-2021 PROJECT SHEET 12600-07 & Proj. #: 16650-02 Project: Secondary Treatment Plant Upgrade & Recycled Water Expansion Project Lead. Mike Cortez Dept.: FINANCED PROJECTS A = Actual B = Budgeted BREAKDOWN OF PROJECT COST AND FUNDING SOURCES Previous Yrs FY 2021 FY 2022 FY 2023 FY 2025 TOTAL **Cost Summary** \$8,123,901 Construction (Myers & Sons Construction) \$24,311,470 \$16,187,568 \$48,622,939 Contingency \$2,430,000 \$1,617,993 \$3,242,007 \$7,290,000 CM & Inspection (Kennedy Jenks) \$2,282,812 \$1,519,989 \$762,823 \$4,565,624 \$968,378 PG&E Power Relocation \$484,189 \$322,393 \$161,796 Owner Selected Equipment Submittals \$114,731 \$57,579 \$344,620 \$172,310 Miscellaneous Consultant Services \$3,360,151 \$2,237,326 \$1,122,825 \$6,720,302 **UV** Deletion -\$1,696,485 -\$1,696,485 30%, and 20% of completion for previous years, FY 2021 year, and FY 2022 year respectively. \$0 TOTAL COST \$31,344,446 \$22,000,000 \$13,470,931 \$0 \$0 \$0 \$66.815.377 1. Briefly Describe and provide justification for this Capital Project Request. Expand Title 22 Recycled Water production in order to meet contractual obligations with MMWD & NMWD, increase secondary treatment capacity, and provide treatment plant upgrades in response to the 2015 NPDES permit requirements to develop and implement a Wet Weather Improvement Plan in order to reduce primary effluent blending. 2. Describe the project status and completed work. 3. Describe any anticipated grants related to the project. N/A Construction began in February 2019.

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)