



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

Rabi Elias, President
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

**DISTRICT BOARD**

Megan Clark
Rabi Elias
Craig K. Murray
Judy Schriebman
Crystal J Yezman

DISTRICT ADMINISTRATION

Mike Prinz
General Manager
Michael Cortez,
District Engineer
Mel Liebmann,
Plant Manager
Vacant ,
Administrative Services Manager
Greg 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 Plan (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

Las Gallinas Valley Sanitary District

Approved Budget 2020-21

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 to 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.

Las Gallinas Valley Sanitary District

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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.

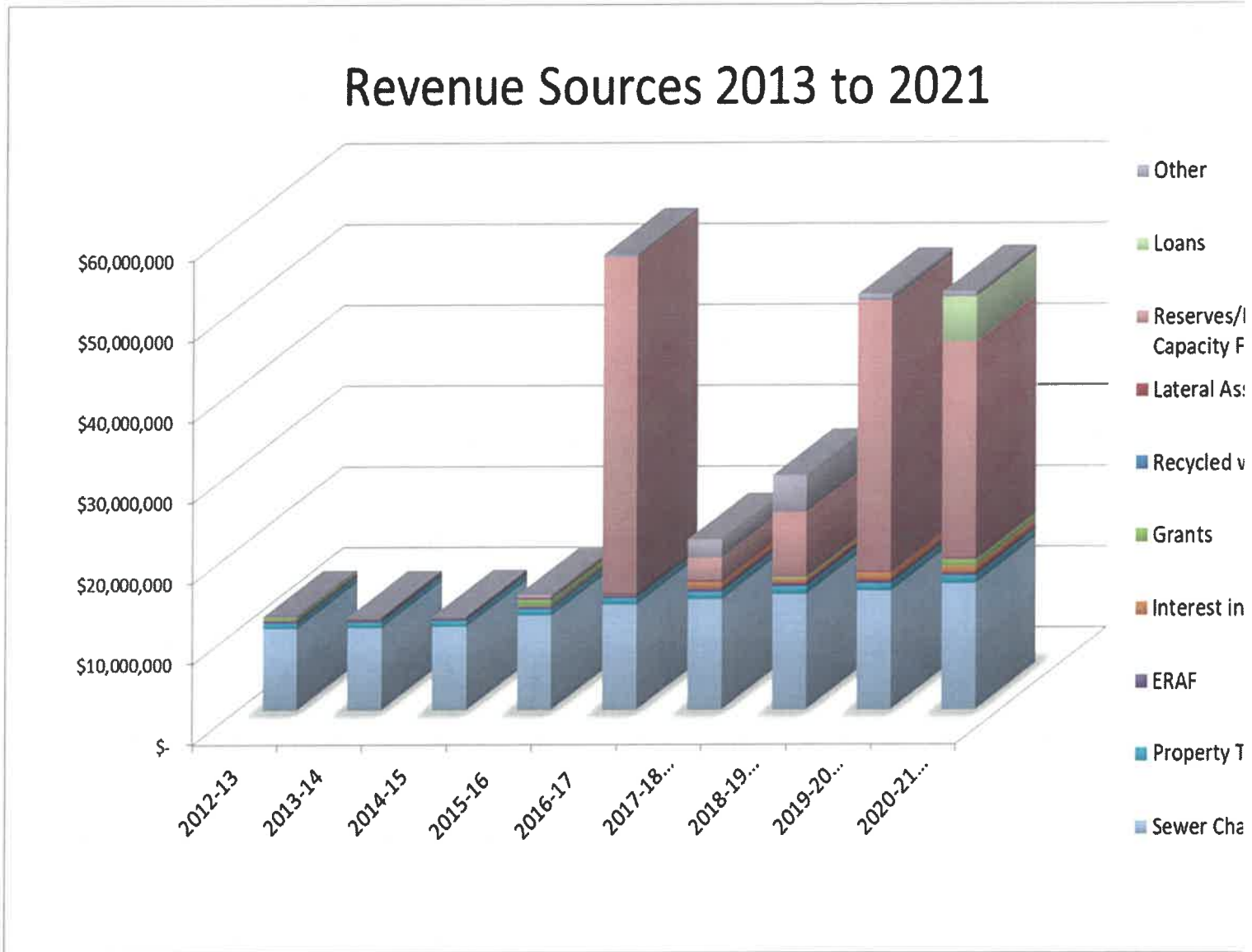
Utilization of Bond Funds and Reserves

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.

Las Gallinas Valley Sanitary District Approved Budget 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.

Las Gallinas Valley Sanitary District

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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.

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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 at 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.

Las Gallinas Valley Sanitary District

Approved Budget 2020-21

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.

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Approved Budget 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.

Las Gallinas Valley Sanitary District

Approved Budget 2020-21

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 buy-in 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.

Las Gallinas Valley Sanitary District

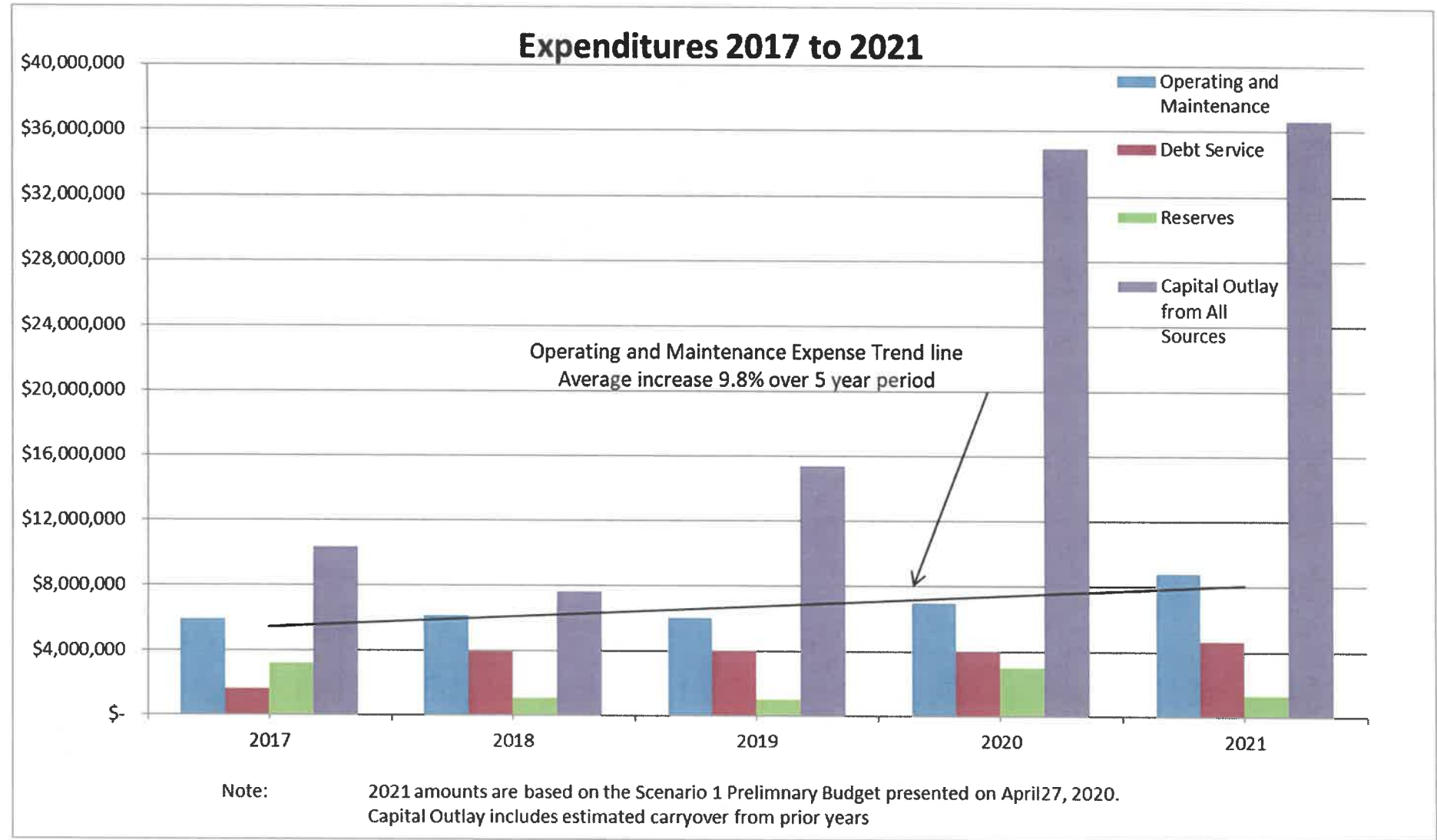
Approved Budget 2020-21

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.

Las Gallinas Valley Sanitary District Approved Budget 2020-21

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 | \$ 27,550 | 2.95% |
| Operating Transfer In | - | - | 4,048,783 | - | - | \$ - | 0.00% |
| | 856,873 | 890,205 | 4,999,607 | 934,870 | 962,419 | \$ 27,550 | 2.95% |
| OTHER SOURCES | | | | | | | |
| Marin Municipal Water District | 436,837 | 455,057 | 463,143 | 463,353 | 463,395 | \$ 42 | 0.01% |
| 2017 Bond Sale | 41,039,514 | - | - | - | - | \$ - | 0.00% |
| 2019 Ibank Loan | - | - | - | - | 5,537,545 | \$ 5,537,545 | 0.00% |
| Federal Grant | - | - | 842,150 | 5,000 | 847,150 | \$ 842,150 | 16843.00% |
| State Grant | - | 362,033 | - | - | - | \$ - | 0.00% |
| | 41,476,351 | 817,090 | 1,305,293 | 468,353 | 6,848,090 | \$ 6,379,737 | 1362.16% |

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

| FUNDS AVAILABLE | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-2021 | | |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|-----------------|
| | Final | Final | Final | Projected | Approved | | % Change |
| | Actual | Actual | Actual | Actual | Budget | 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 | - | - | - | \$ - | 0.00% |
| Interest Earned on Unspent Bond Funds | | 567,986 | - | 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% |
| | <u>4,828,526</u> | <u>4,504,485</u> | <u>7,977,850</u> | <u>34,088,214</u> | <u>27,367,231</u> | \$ (6,720,983) | -19.72% |
| | | | | | | \$ - | |
| TOTAL FUNDS AVAILABLE FOR EXPENDITURES | <u>\$ 60,903,191</u> | <u>\$ 21,006,894</u> | <u>\$ 29,637,817</u> | <u>\$ 51,330,164</u> | <u>\$ 51,441,265</u> | \$ 111,102 | 0.22% |

LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET

Approved June 18, 2020
Overall Summary of Expenses

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| 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 | Change 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% | | |

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**LAS GALLINAS VALLEY SANITARY DISTRICT
2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET**

Approved June 18, 2020

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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 | Change from Prior 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 | \$ - | 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% | | |

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LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET

Approved June 18, 2020

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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% | | |

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**LAS GALLINAS VALLEY SANITARY DISTRICT
2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET**

Approved June 18, 2020

0

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% | | |

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LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET

Approved June 18, 2020

0

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 | Change from Prior 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% | | |

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**LAS GALLINAS VALLEY SANITARY DISTRICT
2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET**

Approved June 18, 2020
SMALL TOOLS & SUPPLIES

0

| 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 | Change from Prior 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% | | |

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LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET

Approved June 18, 2020

0

CONTRACT SERVICES

| 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 | Change from Prior 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 | Special Monitoring/Pilot Testing | 2,800 | - | - | - | - | \$ - | |
| 2324 | Janitorial | 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% | | |

LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET

Approved June 18, 2020

SCENARIO 1

UTILITIES

| 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% | | |

LAS GALLINAS VALLEY SANITARY DISTRICT 2020-21 OPERATING AND MAINTENANCE EXPENSE BUDGET

Approved June 18, 2020

0

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 Prior Year | 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 | \$ (21,560) | -44.22% |
| 2716 | Computer Support and Supplies | 40,418 | 121,468 | 79,331 | 84,567 | 84,500 | \$ (67) | -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 | \$ 5,000 | 16.67% |
| 2221 | Publication and Legal Ads | 13,779 | 12,128 | 16,593 | 17,008 | 16,606 | \$ (402) | -2.37% |
| 2223 | Public Education and Outreach | 33,462 | 34,037 | 37,070 | 40,000 | 65,000 | \$ 25,000 | 62.50% |
| 2264 | Taxes, Other | 7,766 | 8,917 | 10,356 | 10,505 | 9,000 | \$ (1,505) | -14.33% |
| 2272 | Memberships | 44,083 | 44,810 | 60,715 | 44,806 | 46,495 | \$ 1,689 | 3.77% |
| 2363 | Permits | 48,604 | 55,985 | 65,570 | 32,479 | 20,250 | \$ (12,229) | -37.65% |
| 2364 | Fines | 9,000 | - | - | 13,500 | - | \$ (13,500) | |
| 2246 | Rents and Leases | 21,008 | 16,362 | 10,390 | 75,672 | 119,652 | \$ 43,980 | 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 | \$ 26,405 | 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

| 0 | Source of Funds | 2016-17 Total Actual | 2017-18 Total Actual | 2018-19 Total Actual | 2019-20 Projected Actual | 2020-21 Approved Budget | Interest |
|--|-----------------|----------------------------|----------------------------|----------------------------|--------------------------------|-------------------------------|-------------------------------|
| | | | | | | | 2020-21 Approved Budget |
| 2005 Certificates of Participation/ Refunded 2014 | Gen Fund | \$ 689,876 | \$ 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 | 332,681 | 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 | - | 2,369,505 | 2,446,600 | 2,449,000 | 2,449,000 | 1,419,000 |
| | | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | | <u>\$ 1,638,401</u> | <u>\$ 3,920,960</u> | <u>\$ 3,990,565</u> | <u>\$ 4,637,311</u> | <u>\$ 4,803,576</u> | <u>\$ 2,074,725</u> |

| | | 2018-19 Total Payout | 2019-20 Total Payout | 2020-21 Total Payout | 2020-21 Interest |
|---------------------------------|--------------|-------------------------|-------------------------|-------------------------|---------------------|
| | Gen Fund | 1,543,965 | 1,565,113 | 1,565,113 | 322,499 |
| | Loan Reserve | 2,446,600 | 3,072,197 | 3,238,463 | 1,752,226 |
| | | <u>3,990,565</u> | <u>4,637,311</u> | <u>4,803,576</u> | <u>2,074,725</u> |
| % limitation | | 125% | 125% | 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.

(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 | - | - | - | - |
| TOTAL OPERATING REVENUES | <u>14,566,247</u> | <u>15,354,767</u> | <u>15,838,227</u> | <u>16,263,225</u> |
| Property Tax | 890,205 | 950,824 | 934,870 | 962,419 |
| Marin Municipal Water District | <u>455,057</u> | <u>463,143</u> | <u>463,353</u> | <u>463,395</u> |
| Net Revenues | <u>15,911,509</u> | <u>16,768,734</u> | <u>17,236,449</u> | <u>17,689,039</u> |
| TOTAL OPERATING EXPENDITURES | <u>\$ 6,140,049</u> | <u>6,001,533</u> | <u>6,979,594</u> | <u>8,828,016</u> |
| NET POSITION | <u>\$ 9,771,460</u> | <u>\$ 10,767,202</u> | <u>\$ 10,256,855</u> | <u>\$ 8,861,023</u> |
| DEBT EXPENDITURES | <u>\$ 3,920,960</u> | <u>\$ 3,990,565</u> | <u>\$ 4,637,311</u> | <u>\$ 4,803,576</u> |
| 125% Requirement | | | | |
| Convenant Regarding Gross Revenues | <u>249%</u> | <u>270%</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 | 111,536 | 139,451 | \$ 146,722 | \$ 146,722 | \$ 146,722 | (3) |
| Plant Upgrade and Recycled Water | | | | | | |
| Treatment Plant Expansion Projects | | | | | | |
| 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 | - | 206,549 | 206,549 | 206,549 | 206,549 | (6) |
| 2017 Revenue Bonds | - | 248,509 | 256,595 | 256,595 | 256,804 | (6) |
| | <u>\$ 3,213,107</u> | <u>\$ 1,068,519</u> | <u>\$ 1,000,267</u> | <u>\$ 2,998,167</u> | <u>\$ 1,326,507</u> | |

(1) Target balance is \$300,000 and was met prior to June 30, 2009.

(2) Target balance is \$1,000,000 and will be met in fiscal year ended June 30, 2017.

(3) Check total agrees to budgeted amount \$ 281,566 \$ 297,496 \$ 313,008

| | | | | | |
|--|-----------|----------------|----------------|----------------|----------------|
| (4) Debt service per rate setting/adopted budget | 2,591,715 | 2,670,715 | 2,670,715 | 2,670,715 | 2,670,715 |
| Actual debt service on 2017 Revenue Bonds | NA | 2,369,505 | 2,446,600 | 2,449,000 | 2,449,000 |
| | | <u>301,210</u> | <u>224,115</u> | <u>221,715</u> | <u>221,715</u> |

(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.

| Line No. | Mgr. | Priority | Project No. | Type | Project Name | FY 2019-20 | | FY 2020 Carryover BEFORE Transfers | Transfer In/Out of Carryover | FY 2020 Carryover AFTER Transfers | Projected Expenditures | AS OF 4/30/2020 | | | YEAR 1 | | PROJECTED | | | | 5-Year Total |
|----------|------|----------|-------------|------|--------------|-------------------|-----------------|------------------------------------|------------------------------|-----------------------------------|------------------------|--------------------|-------------|-------------------|---------------------------------------|------------------------|----------------|----------------|----------------|----------------|--------------|
| | | | | | | FY 2020 Available | FY 2020 Revised | | | | | Encumbered Amount* | 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 | |

| PENDING TRANSFER | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|--|----------|--|--|-------------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| RR | 0 | | 20100-03 | | Redesign of Offices in Admin Building | \$20,000 | | | | | | | | | | | | | | | |
| GP | 0 | | 19200-03 | | Vac Truck | \$825,000 | | | | | | | | | | | | | | | |
| MC | 0 | | 18300-05 | | Marinwood Trunk Sewer Repair | \$900,000 | | | | | | | | | | | | | | | |
| MC | 1 | | 19200-01 | | Sewer Main Rehabilitation (Air Release Valve & Vault Replacements) | \$379,803 | | | | | | | | | | | | | | | |
| MC | 1 | | 18300-05 | | Hawthorn Pump Station Fencing | \$75,000 | | | | | | | | | | | | | | | |
| MC | 3 | | 14300-05 | | Smith Ranch Rd Combined Force Main | \$1,838,145 | | | | | | | | | | | | | | | |
| MC | 0 | | 20500-01 | | Center Pivot No. 2 Irrigation System Replacement | \$40,000 | \$165,000 | | | | | | | | | | | | | | |
| MC | 0 | | 20500-03 | | St. Vincent's Pump Station Headwall | \$50,000 | | | | | | | | | | | | | | | |
| MC | 0 | | 20500-04 | | Sharp Solar Panel Replacement Project | \$100,000 | | | | | | | | | | | | | | | |
| Subtotal: | | | | | | \$3,137,848 | | | | | | | | | | | | | | | |

-\$450,819
 \$45,000 To On-Call Engineering
 \$75,000 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
 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.

Priority
 1 - High - Yr 1
 2 - Medium - Yr 2
 3 - Low - Yr 3, 4, or 5
 0 - N/A

Type
 A - Active
 C - Complete. Project is expected to be completed by end of current fiscal year.
 CANC - Cancelled
 N - New

Legend
 Collections
 Finance
 Operations

2020-2021 PROJECT SHEET

Proj. #: 20100-05

Project: Integrated Wastewater Master Plan Phase 1, 2 & 3

Project Lead: Mike Cortez

Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING

A - Actual B - Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| 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 |
| TOTAL COST | \$0 | \$500,000 | \$300,000 | | \$0 | \$0 | \$800,000 |

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

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 any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 20100-05

Project: Integrated Wastewater Master Plan Flow Monitoring Support

Project Lead: Mike Cortez Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|----------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|------------------|
| Engineering Services | \$ - | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | | \$250,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ - | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | | \$250,000 |

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

To provide flow monitoring support during master planning process.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 20125-01

Project: On-Call Construction Contract

Project Lead: Mike Cortez Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING

A = Actual B = Budgeted

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-------------------|--------------------------|------------------|------------------|------------------|------------------|------------------|------------|------------------|
| Construction Cost | \$ - | \$110,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | | \$910,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ - | \$110,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | | \$910,000 |

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

To have an on-call contractor available for emergency projects, such as sewer main and facility repairs.

2. Describe the project status and completed work.

Completed 5 on-call projects in FY 2019-20.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **20125-01**

Project: **On-Call Engineering Contract**
 Project Lead: **Mike Cortez** Dept.: **PLANNING, SOFTWARE, & OTHER ENGINEERING**

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|----------------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------|------------------|
| Engineering Services | | \$100,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | | \$900,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | | \$100,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | | \$900,000 |

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

To have an on-call engineering firm available for emergency projects needing design assistance.

2. Describe the project status and completed work.

Completed 2 on-call projects in FY 2019-20.

3. Describe any anticipated grants related to the project.

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**

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Scanning Cost | \$20,000 | | | | | | \$20,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$20,000 | \$0 | \$0 | \$0 | \$0 | | \$20,000 |

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.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21125-02**

Project: **Drafting Software Upgrade**

Project Lead: **Mike Cortez**

Dept.: **PLANNING, SOFTWARE, & OTHER ENGINEERING**

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 |
|-------------------|-----------------|------------|------------|------------|------------|------------|-----------------|
| Software Cost | \$10,000 | | | | | | \$10,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$10,000 | \$0 | \$0 | \$0 | \$0 | | \$10,000 |

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.

2. Describe the project status and completed work.

Purchase in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21125-03**

Project: **Alternative Funding Pursuit**

Project Lead: **Mike Cortez**

Dept.: **PLANNING, SOFTWARE, & OTHER ENGINEERING**

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 |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| Consultant Services | \$50,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | | \$110,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$50,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | | \$110,000 |

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21200-01**

Project: **Centricity Maintenance, Support, & Training**

Project Lead: **Greg Pease**

Dept.: **PLANNING, SOFTWARE, & OTHER ENGINEERING**

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 |
|---------------------|-----------------|-----------------|----------------|----------------|----------------|-------------------|-----------------|
| Consultant Services | \$30,000 | \$20,000 | | | | | \$50,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$30,000 | \$20,000 | \$0 | \$0 | \$0 | | \$50,000 |

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

To provide maintenance and support for the Cityworks software, including extensive on-site training for District staff.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21200-02**

Project: **MFD/HOA/Commercial Lateral Ordinance Outreach/Survey**

Project Lead: **Greg Pease**

Dept.: **PLANNING, SOFTWARE, & OTHER ENGINEERING**

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Outreach/Survey | \$10,000 | | | | | | \$10,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$10,000 | \$0 | \$0 | \$0 | \$0 | | \$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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 21500-08

Project: Biosolids System Improvement Analysis

Project Lead: Mike Cortez Dept.: PLANNING, SOFTWARE, & OTHER ENGINEERING

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|----------------------|-----------------------|------------|------------|------------|------------|------------|------------|-----------------|
| Engineering Services | \$ 75,000 | \$0 | | | | | | \$75,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 75,000 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$75,000 |

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

To evaluate and analyze options for biosolids system improvement.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **11200-03**

Project: **John Duckett Pump Station & HWY 101 Terra Linda TS Design**

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

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-------------------|-----------------------|------------|------------|------------|------------|------------|------------|--------------------|
| | \$ 1,581,412 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$1,581,412 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 1,581,412 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$1,581,412 |

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

Project will include the design for deepening of the John Duckett Pump Station, eliminating the visible Gallinas Creek crossing and a new Highway 101 crossing.

2. Describe the project status and completed work.

Resumed design in February 2020.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 12300-05

Project: Rafael Meadows Pump Station - Electrical

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

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------|--------------------------|--------------------|------------------|------------|------------|------------|------------|------------------|
| Design Cost (15%) | \$ 150,000 | \$90,000 | | | | | | \$240,000 |
| Construction (55%) | | | \$330,000 | | | | | \$330,000 |
| CM & Inspection (15%) | | | \$90,000 | | | | | \$90,000 |
| Contingency (15%) | | \$10,000 | \$80,000 | | | | | \$90,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 150,000 | \$100,000 * | \$500,000 | \$0 | \$0 | \$0 | | \$750,000 |

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

Upgrade of existing electrical facilities and installation of permanent standby generator for Rafael Meadows Pump Station.

2. Describe the project status and completed work.

Pending coordination with City of San Rafael.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. # 18350-01

Project: Captains Cove Pump Station Upgrades

Project Lead: Greg Pease Dept.: COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------------|--------------------------|--------------|------------|------------|------------|------------|------------|-----------------|
| Construction/Equipment Cost | \$ 29,765 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$29,765 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 29,765 | \$0 * | \$0 | \$0 | \$0 | \$0 | | \$29,765 |

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

Minor upgrades to Captains Cove Pump Station.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **18360-01**

Project: **Marin Lagoon Pump Station**
 Project Lead: **Mike Cortez** Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------|-----------------------|-----------------------|------------------|------------------|------------------|------------------|------------|--------------------|
| Design Cost (15%) | \$ 160,491 | Completed in FY 2020. | \$30,000 | \$30,000 | \$30,000 | \$30,000 | | \$280,491 |
| Construction (55%) | | \$94,156 | \$110,000 | \$110,000 | \$110,000 | \$110,000 | | \$534,156 |
| CM & Inspection (15%) | | \$20,176 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | | \$140,176 |
| Contingency (15%) | | \$20,176 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | | \$140,176 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 160,491 | \$134,509 * | \$200,000 | \$200,000 | \$200,000 | \$200,000 | | \$1,095,000 |

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

Pump station control cabinets need to be upgraded due to deterioration, corrosion, and aging of the infrastructure.

2. Describe the project status and completed work.

Scheduled to complete design and bidding in FY 2019-20. Construction anticipated in FY 2020-21.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **19200-02**

Project: **Manhole Frame & Cover Adjustment Allowance**
 Project Lead: **Greg Pease** Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. 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 | | \$250,000 |

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

Reimbursement to adjust manhole frame & cover grades with rings in Marin County and City of San Rafael paving projects.

2. Describe the project status and completed work.

Ongoing.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 19200-01

Project: Sewer Main Rehabilitation (Air Release Valve & Vault Replacements)

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

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------|--------------------------|------------|------------|------------|------------|------------|------------|------------------|
| Construction (70%) | \$210,000 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$210,000 |
| CM & Inspection (15%) | \$45,000 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$45,000 |
| Contingency (15%) | \$45,000 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$45,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$300,000 |

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

To replace 11 Air Release Valves and perform valve assessment as necessary.

2. Describe the project status and completed work.

Complete design and bidding in FY 2019-20. Construction anticipated in mid- to late- 2020.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **20200-01**

Project: **Force Main Assessment, Cleaning, Location Marking, & Mapping**

Project Lead: **Mike Cortez**

Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

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 |
|-----------------------------|------------------|-----------------|-----------------|----------------|----------------|-------------------|------------------|
| 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 | | \$200,000 |

1. Briefly Describe and provide justification for this Capital Project 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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 20300-09

Project: Smith Ranch Pump Station Electrical Upgrades

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

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------|-----------------------|-------------------|------------|------------|------------|------------|------------|-----------------|
| Design (15%) | \$2,250 | \$9,000 | | | | | | \$11,250 |
| Construction (55%) | \$8,250 | \$33,000 | | | | | | \$41,250 |
| CM & Inspection (15%) | \$2,250 | \$9,000 | | | | | | \$11,250 |
| Contingency (15%) | \$2,250 | \$9,000 | | | | | | \$11,250 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 15,000 | \$60,000 * | \$0 | \$0 | \$0 | \$0 | | \$75,000 |

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

To improve reliability by replacing power and control equipment that is obsolete or at the end of its useful life.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21300-01**

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

Project Lead: **Mike Cortez**

Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

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 | | | | | | \$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 |

1. 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

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

2020-2021 PROJECT SHEET

Proj. #: 21300-03

Project: Standby/Towable Generators for Minor Pump Stations

Project Lead: Mike Cortez

Dept.: COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

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%) | \$82,500 | | | | | | \$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 | \$0 | \$0 | | \$550,000 |

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

The District lacks comprehensive emergency backup power for Adrian, McPhail's, Rafael Meadows, and Industrial Park. Purchase of standby/towable generators will address this deficiency.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

¹¹ H/S/W = Health/Safety/Welfare (OSHA)

2020-2021 PROJECT SHEET

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

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 | \$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 Capital Project Request.

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21300-06**

Project: **Fencing Improvements at Various Locations**

Project Lead: **Mike Cortez**

Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

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 |
|-----------------------|-----------------|-----------------|-----------------|----------------|----------------|-------------------|------------------|
| 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 |

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

To replace and/or repair existing fencing at various pump stations and improve security of District property.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21300-07**

Project: **IWMP Pump Station & Force Main Projects (Placeholder)**

Project Lead: **Mike Cortez**

Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

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 |

1. 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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

2020-2021 PROJECT SHEET

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

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------|------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| Design (15%) | \$15,750 | \$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 |

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

To replace Automatic Transfer Switches for all major pump stations.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-01**

Project: **Emergency Bypass Pumping Analysis & Emergency Response Plan**

Project Lead: **Mike Cortez**

Dept.: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Engineering Cost | \$45,000 | | | | | | \$45,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$45,000 | \$0 | \$0 | \$0 | \$0 | | \$45,000 |

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

⁴⁾ H/S/W = Health/Safety/Welfare (OSHA)

2020-2021 PROJECT SHEET

Proj. #: **21600-02**

Project: **Annual Facility Painting at Various Locations**

Project Lead: **Mike Cortez**

Dept: **COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)**

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 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| 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 Project Request.

To recoat piping and miscellaneous equipment at various pump stations.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 21600-03

Project: Annual Facility Paving at Various Locations

Project Lead: Mike Cortez

Dept.: COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)

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 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|------------------|
| 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 Project Request.

To replace and/or repair existing paving at various pump stations.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 11500-09

Project: Miller Creek Vegetation Improvements
 Project Lead: Mike Cortez Dept.: RECLAMATION

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | 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 |
| TOTAL COST | \$ 81,769 | \$0 * | \$50,000 | \$50,000 | \$50,000 | \$50,000 | | \$281,769 |

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

To maintain vegetation along Miller Creek as required by regulatory agencies.

2. Describe the project status and completed work.

Ongoing.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 20500-05

Project: Marsh Pond Vegetation Removal & Long-Term Vegetation Management

Project Lead: Mike Cortez Dept.: RECLAMATION

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|---------------------|-----------------------|------------|------------|------------|------------|------------|------------|-----------------|
| Consultant Services | \$ 68,200 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$68,200 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 68,200 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$68,200 |

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

To prepare a long-term vegetation management plan for the marsh pond.

2. Describe the project status and completed work.

Started in FY 2020.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21500-01**

Project: **Reclamation Pump Station Improvements**

Project Lead: **Greg Pease**

Dept.: **RECLAMATION**

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%) | \$3,750 | \$22,500 | \$22,500 | | | | \$48,750 |
| Construction (55%) | \$13,750 | \$82,500 | \$82,500 | | | | \$178,750 |
| CM & Inspection (15%) | \$3,750 | \$22,500 | \$22,500 | | | | \$48,750 |
| Contingency (15%) | \$3,750 | \$22,500 | \$22,500 | | | | \$48,750 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$25,000 | \$150,000 | \$150,000 | \$0 | \$0 | | \$325,000 |

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

To replace pumps and electrical conduits, including minor repairs and upgrades to the pump station.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

2020-2021 PROJECT SHEET

Proj. #: **21500-02**

Project: **Reclamation Shop Improvements**

Project Lead: **Greg Pease**

Dept.: **RECLAMATION**

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 |
|-----------------------|-----------------|-----------------|----------------|----------------|----------------|-------------------|------------------|
| Construction (70%) | \$42,000 | \$42,000 | | | | | \$84,000 |
| CM & Inspection (15%) | \$9,000 | \$9,000 | | | | | \$18,000 |
| Contingency (15%) | \$9,000 | \$9,000 | | | | | \$18,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$60,000 | \$60,000 | \$0 | \$0 | \$0 | | \$120,000 |

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21500-03**

Project: **Reclamation Bridge Load Capacity & Seismic Analysis**

Project Lead: **Greg Pease**

Dept.: **RECLAMATION**

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 |
|-------------------|-----------------|------------|------------|------------|------------|------------|-----------------|
| Engineering Cost | \$25,000 | | | | | | \$25,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$25,000 | \$0 | \$0 | \$0 | \$0 | | \$25,000 |

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21500-04**

Project: **Reclamation Pasture Irrigation System Study**

Project Lead: **Mike Cortez**

Dept.: **RECLAMATION**

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Engineering Cost | \$45,000 | | | | | | \$45,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$45,000 | \$0 | \$0 | \$0 | \$0 | | \$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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21500-06**

Project: **Automated Gate for Reclamation Bridge**

Project Lead: **Mike Cortez**

Dept.: **RECLAMATION**

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Construction Cost | \$20,000 | | | | | | \$20,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$20,000 | \$0 | \$0 | \$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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21500-07**

Project: **IWMP Reclamation Projects (Placeholder)**

Project Lead: **Mike Cortez**

Dept.: **RECLAMATION**

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%) | \$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 Request.

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

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **20600-04**

Project: **Flow Equalization Basin**

Project Lead: **Mike Cortez** Dept.: **TREATMENT PLANT (INCL. RECYCLED WATER)**

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est. Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-------------------|-----------------------|-------------------|------------------|------------|------------|------------|------------|--------------------|
| Design | | \$75,000 | | | | | | \$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 |

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

Design and construction of flow equalization basin.

2. Describe the project status and completed work.

Design in progress. Bidding scheduled in late 2020.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21100-01**

Project: **Administration Building Design**

Project Lead: **Mike Cortez** Dept.: **TREATMENT PLANT (INCL. RECYCLED WATER)**

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| Cost Summary | FY2020 Est Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-------------------|----------------------|--------------|------------|------------|------------|------------|------------|--------------------|
| Design (85%) | \$850,000 | \$0 | | | | | | \$850,000 |
| Contingency (15%) | \$150,000 | \$0 | | | | | | \$150,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 1,000,000 | \$0 * | \$0 | \$0 | \$0 | \$0 | | \$1,000,000 |

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

Design and construct a new administration building.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21400-01**

Project: **Carport & Paving for Lab**

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 |
|-------------------|-----------------|------------|------------|------------|------------|------------|-----------------|
| Construction Cost | \$40,000 | | | | | | \$40,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$40,000 | \$0 | \$0 | \$0 | \$0 | | \$40,000 |

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-06**

Project: **Digester Room MCC #1 Upgrade**

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 | | | | | | \$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 |

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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 21600-07

Project: Digester Improvements

Project Lead: Mike Cortez Dept.: TREATMENT PLANT (INCL. RECYCLED WATER)

| Cost Summary | FY2020 Est Carryover | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Future Yrs | TOTAL |
|-----------------------|-------------------------|--------------|--------------------|------------|------------|------------|------------|--------------------|
| Design (15%) | \$45,000 | | \$450,000 | | | | | \$495,000 |
| Construction (55%) | \$165,000 | | \$1,650,000 | | | | | \$1,815,000 |
| CM & Inspection (15%) | \$45,000 | | \$450,000 | | | | | \$495,000 |
| Contingency (15%) | \$45,000 | | \$450,000 | | | | | \$495,000 |
| | | | | | | | | \$0 |
| | | | | | | | | \$0 |
| TOTAL COST | \$ 300,000 | \$0 * | \$3,000,000 | \$0 | \$0 | \$0 | | \$3,300,000 |

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

To install redundant Digester Mixing Pump, Heat Exchanger, and Heated Sludge Recirculation Pump; provide Sodium Bicarbonate Feed System to the digesters; install Digester Ferric Chloride Feed Metering Pump; install 3-Way Valve for the hot water loop; and replace pervious concrete in digester mixing pump area.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-08**

Project: **Grit Chambers Coating & Auger Rebuild**

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 Request.

To recoat existing grit chambers and rebuild grit auger.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-09**

Project: **Plant Lighting Improvements and Other Electrical Enhancement**

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 | \$21,750 | | | | | \$36,750 |
| Construction (55%) | \$55,000 | \$79,750 | | | | | \$134,750 |
| CM & Inspection (15%) | \$15,000 | \$21,750 | | | | | \$36,750 |
| Contingency (15%) | \$15,000 | \$21,750 | | | | | \$36,750 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$100,000 | \$145,000 | \$0 | \$0 | \$0 | | \$245,000 |

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

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.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-10**

Project: **Annual Plant Painting at Various Locations**

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 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|------------------|
| 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 Project Request.

To recoat piping and miscellaneous equipment at various plant facilities.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-11**

Project: **Annual Plant Paving at Various Locations**

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 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| 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 Project Request.

To replace and/or repair existing paving at various plant facilities.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

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

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

| 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 |

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

To install a door for the oil storage area, an access ladder to the roof for routine maintenance of equipment, and renovate existing locker room at the shop.

2. Describe the project status and completed work.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-13**

Project: **Varec Flare Maintenance**

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 |
|-----------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Construction (70%) | \$42,000 | | | | | | \$42,000 |
| CM & Inspection (15%) | \$9,000 | | | | | | \$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.

Start in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-14**

Project: **Bloassay Tank Installation**

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 |
|-----------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Construction (70%) | \$31,500 | | | | | | \$31,500 |
| CM & Inspection (15%) | \$6,750 | | | | | | \$6,750 |
| Contingency (15%) | \$6,750 | | | | | | \$6,750 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$45,000 | \$0 | \$0 | \$0 | \$0 | | \$45,000 |

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.

Complete furnish and install in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: **21600-15**

Project: **Miscellaneous Plant Equipment Demolition & Disposal**

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Demolition 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.

To demolish, haul, and dispose of miscellaneous plant equipment.

2. Describe the project status and completed work.

Complete furnish and install in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj #: **21600-16**

Project: **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 |

1. 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.

Complete furnish and install in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #:

Project:

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 |
|---------------------|-----------------|----------------|----------------|----------------|----------------|-------------------|-----------------|
| Demoliton Cost | \$20,000 | | | | | | \$20,000 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL COST | \$20,000 | \$0 | \$0 | \$0 | \$0 | | \$20,000 |

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

To install radio antenna at Hawthorn Pump Station

2. Describe the project status and completed work.

Complete furnish and install in FY 2021.

3. Describe any anticipated grants related to the project.

N/A

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

2020-2021 PROJECT SHEET

Proj. #: 12600-07 &
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

| Cost Summary | Previous Yrs | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | TOTAL |
|--|--|---------------------|---------------------|------------|------------|------------|---------------------|
| Construction (Myers & Sons Construction) | \$24,311,470 | \$16,187,568 | \$8,123,901 | | | | \$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 |
| PG&E Power Relocation | \$484,189 | \$322,393 | \$161,796 | | | | \$968,378 |
| Owner Selected Equipment Submittals | \$172,310 | \$114,731 | \$57,579 | | | | \$344,620 |
| Miscellaneous Consultant Services | \$3,360,151 | \$2,237,326 | \$1,122,825 | | | | \$6,720,302 |
| UV Deletion | -\$1,696,485 | | | | | | -\$1,696,485 |
| | <i>Note: Based on 50%, 30%, and 20% of completion for previous years, FY 2021 year, and FY 2022 year respectively.</i> | | | | | | \$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.

Construction began in February 2019.

3. Describe any anticipated grants related to the project.

N/A

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