

**PURSUANT TO EXECUTIVE ORDER N-25-20 ISSUED BY GOVERNOR NEWSOM,
ONE OR MORE BOARD MEMBERS MAY PARTICIPATE IN THE MEETING
VIA TELECONFERENCE**

AGENDA FOR A REGULAR MEETING OF THE BOARD OF DIRECTORS
OF THE VALLECITOS WATER DISTRICT
WEDNESDAY, MAY 6, 2020, AT 5:00 P.M.
AT THE DISTRICT OFFICE
201 VALLECITOS DE ORO, SAN MARCOS, CALIFORNIA

NOTICE TO THE PUBLIC

Due to the evolving situation with the COVID-19 Novel Coronavirus and Executive Order N-35-20, so long as state or local public health officials have imposed or recommended social distancing measures Vallecitos Water District will hold future meetings via teleconferencing and allow members of the public to observe and address the meeting telephonically or otherwise electronically. During this period of time, Vallecitos Water District will not be making any physical location available for members of the public to observe the meeting and offer public comment. The public is encouraged to watch and participate in the meeting from the safety of their homes. The meeting can be viewed on the agenda page located on the main page of the District's website. Public comments or questions can be submitted to the following email address: PublicComment@vwd.org. All written comments that are received at least 90 minutes before the meeting will be provided to the Board, and a record of the receipt of comment will be noted during the meeting. Members of the public viewing the meeting via the Zoom videoconferencing platform can express their desire to provide input at the appropriate time by utilizing the "Raise Hand" function. Additional instructions for online participation will be posted on the District's website. www.vwd.org/meetings

CALL TO ORDER – PRESIDENT EVANS

PLEDGE OF ALLEGIANCE

ROLL CALL

In the case of an emergency, items may be added to the Agenda by a majority vote of the Board of Directors. An emergency is defined as a work stoppage; a crippling disaster; or other activity which severely imperils public health, safety, or both. Also, items which arise after the posting of the Agenda may be added by a two-thirds vote of the Board of Directors.

ADOPT AGENDA FOR THE REGULAR MEETING OF MAY 6, 2020

PUBLIC COMMENT

Persons wishing to address a matter not on the Agenda may be heard at this time; however, no action will be taken until the matter is placed on a future agenda in accordance with Board policy. Public comments are limited to three minutes. A Request to Speak form is required to be submitted to the Executive Secretary prior to the start of the meeting, if possible. Alternatively, persons wishing to address the Board at this time may utilize the "Raise Hand" feature of the Zoom videoconferencing platform. Public comment should start by stating name, address and topic. The Board is not permitted during this time to enter into a dialogue with the speaker.

PRESENTATION

Chris Robbins, Public Information/Conservation Supervisor, will present a new “Work We Do” video focusing on the District’s Hazardous Materials Response Team.

CONSENT CALENDAR

All matters listed under the Consent Calendar will be voted upon by one motion. There will be no separate discussion of these items, unless a Board member or member of the public requests that a particular item(s) be removed from the Consent Calendar, in which case it will be considered separately under Action Items.

1.1 APPROVAL OF MINUTES (pp. 5-47)

- A. FINANCE/INVESTMENT COMMITTEE MEETING – APRIL 13, 2020
- B. CLOSED SESSION BOARD MEETING – APRIL 15, 2020
- C. REGULAR BOARD MEETING – APRIL 15, 2020
- D. FINANCE/INVESTMENT COMMITTEE MEETING – APRIL 27, 2020

Approved minutes become a permanent public record of the District.

Recommendation: Approve Minutes

1.2 WARRANT LIST THROUGH MAY 6, 2020 - \$5,024,291.52 (pp. 18-20)

Recommendation: Approve Warrant List

1.3 SUMMER 2020 BETWEEN THE PIPES – VALLECITOS WATER DISTRICT QUARTERLY NEWSLETTER (pp. 21-24)

Recommendation: Approve Summer 2020 Between the Pipes Newsletter

1.4 APPROVAL OF IRREOVABLE LETTERS OF CREDIT IN LIEU OF IMPROVEMENT BONDS FOR GREENS STORAGE ESCONDIDO – APN: 187- 170-62, 187-170-63 & 187-100-36 (pp. 25-27)

Greens Escondido, LLC, owner of the project, has completed the plan check process with the District.

Recommendation: Approve the Submittal

1.5 APPROVAL OF CONSTRUCTION AGREEMENT FOR PICO AVENUE SEWER IMPROVEMENTS (EL DORADO II, LP) (pp. 28-30)

El Dorado II, LP, owner of the property, has completed the plan check process with the District.

Recommendation: Approve Construction Agreement

1.6 EMPLOYEE'S REQUEST FOR LEAVE WITHOUT PAY (pp. 31)

Leave without pay for other than medical reasons may be granted by the General Manager for a period of 20 work days or by the Board in excess of 20 work days.

Recommendation: Approve the Request

*****END OF CONSENT CALENDAR*****

ACTION ITEM(S)

2.1 COVID-19 PANDEMIC LOCAL EMERGENCY DECLARATION RESOLUTION
(pp. 32-27)

The Resolution declares a local emergency by the District.

Recommendation: Adopt the Resolution

2.2 COVID-19 PANDEMIC RESPONSE AND COST RECOVERY RESOLUTION
(pp. 38-43)

Cal OES has requested that all agencies who plan to submit costs for reimbursement under the PA program complete submission in the FEMA grants portal.

Recommendation: Adopt the Resolution

2.3 ADOPTION OF RESOLUTION OF THE BOARD OF DIRECTORS OF THE VALLECITOS WATER DISTRICT APPROVING ENCINA WASTEWATER AUTHORITY'S FISCAL YEAR 2020/2021 OPERATING AND CAPITAL IMPROVEMENT BUDGET (pp. 44-94)

The Encina Basic Agreement requires approval of the budget for Encina Wastewater Authority by member agencies.

Recommendation: Adopt Resolution

*****END OF ACTION ITEMS*****

REPORTS

3.1 GENERAL MANAGER

3.2 DISTRICT LEGAL COUNSEL

3.3 SAN DIEGO COUNTY WATER AUTHORITY

3.4 ENCINA WASTEWATER AUTHORITY

- *Capital Improvement Committee*

- *Policy and Finance Committee*

3.5 STANDING COMMITTEES

3.6 DIRECTORS REPORTS ON MEETINGS/CONFERENCES/SEMINARS ATTENDED

*****END OF REPORTS*****

OTHER BUSINESS

4.1 MEETINGS

*****END OF OTHER BUSINESS*****

5.1 DIRECTORS COMMENTS/FUTURE AGENDA ITEMS

*****END OF DIRECTORS COMMENTS/FUTURE AGENDA ITEMS*****

6.1 ADJOURNMENT

*****END OF AGENDA*****

If you have any disability which would require accommodation in order to enable you to participate in this meeting, please call the Executive Secretary at 760.744.0460 ext. 264 at least 48 hours prior to the meeting.

Audio and video recordings of all Board meetings are available to the public at the District website www.vwd.org

AFFIDAVIT OF POSTING

I, Diane Posvar, Executive Secretary of the Vallecitos Water District, hereby certify that I caused the posting of this Agenda in the outside display case at the District office, 201 Vallecitos de Oro, San Marcos, California by 5:00 p.m., Friday, May 1, 2020.

Diane Posvar

MINUTES OF A MEETING OF THE
FINANCE/INVESTMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
MONDAY, APRIL 13, 2020 AT 4:00 P.M.
AT THE DISTRICT OFFICE, 201 VALLECITOS DE ORO,
SAN MARCOS, CALIFORNIA

Director Sannella called the meeting to order at the hour of 4:19 p.m. The meeting was held via teleconference.

Present: Director Sannella
Director Martin
General Manager Pruim
District Engineer Gumpel
Finance Manager Owen
Operations & Maintenance Manager Pedrazzi
Capital Facilities Senior Engineer Morgan
Asset Management Supervisor Bowman
Principal Financial Analyst Arthur
Administrative Secretary Johnson

General Manager Pruim stated he had received emailed comments prior to the start of the meeting from Mike Hunsaker, member of the public, and that the comments would be read aloud at the appropriate time during the meeting.

General Manager Pruim further stated the numbers presented today are very preliminary and will be reviewed and revised as needed.

ITEM(S) FOR DISCUSSION

REVIEW CAPITAL BUDGET REQUESTS

Finance Manager Owen reviewed the progress of the budget process to date.

Finance Manager Owen presented drafts of the Capital Improvement Program (CIP) master project list, carryover projects that were budgeted in previous years but have not been completed, the CIP, future projects summary and detailed budget pages, and vehicles and equipment budget requests.

District Engineer Gumpel discussed new requests for budget increases for carryover projects totaling \$5.6 million which included the Montiel Lift Station and Forcemain Replacement (\$2.8 million), Tres-Amigos Water Line Replacement Phase 1 (\$975,000), San Marcos Interceptor Phase 2 (\$960,000), and the City of San Marcos Creek District Phase1 (\$410,000).

General discussion took place.

Finance Manager Owen reviewed the spending plan for Fiscal Year (FY) 2020-21, projected to be \$17.1 million, with the major projects being the San Marcos Interceptor Phase 2 (\$6.8 million), Montiel Lift Station and Forcemain Replacement (\$1.5 million) and MRF Biological Selector Improvements (\$1.4 million).

Finance Manager Owen reviewed new projects that have been submitted for FY 2020-21 totaling \$93.1 million. New projects include the Encina Wastewater Authority Five Year Plan (\$29.9 million) and future projects (\$33 million) that will not be worked on in FY 2020-21 but are part of the District's 10-year plan. The District's 10-year plan totals \$145.4 million.

Finance Manager Owen reviewed an example of a capital budget page that is associated with each capital project. The capital budget page contains a brief description of the project, the name of the project manager, the project number assigned to the project, the department responsible for the project, funding source, comments relating to the project, the project's spending plan, and project timeline.

Finance Manager Owen discussed the requests for vehicle and equipment replacements, \$1.184 million and \$60,000 respectively, for a total of \$1.244 million. A large portion of that total is for a new vactor combination truck (\$502,000).

General discussion took place regarding the request to replace two Ford F-150 4x4 Super Cab trucks and if the roles for the vehicles require them to be 4x4s. Operations & Maintenance Manager Pedrazzi provided details on the trucks such as the age, mileage, and condition. District Engineer Gumpel stated inspections staff often drive the trucks in unimproved areas and in muddy conditions.

Finance Manager Owen reviewed the next steps in the budget process. The Committee will meet again on April 27 to receive a tentative Cost of Service Study update and discuss any Board requested items. A Committee or Board meeting will be scheduled on May 4 to review the draft proposed budget. A Board workshop will be scheduled on May 20 to review the proposed budget. The recommended budget will be presented to the Board for adoption on June 3.

General Manager Pruim read aloud Mr. Hunsaker's comments in which he requested a soft copy of the capital improvement requests and asked why capital impact fees are not completely covering the needs. General Manager Pruim clarified that capacity funds only pay for capacity increasing projects due to new growth. Ratepayer funds are used for replacement projects.

COVID-19 UPDATE

Finance Manager Owen stated all costs related to COVID-19 are being tracked for possible reimbursement. During the past two pay periods, direct labor and materials costs attributed to COVID-19 have totaled approximately \$25,000. Staff is tracking late fees the District is waiving, lock fees incurred and not collected, and uncollectable accounts. Staff is also trying to determine how much the District is losing in water sales.

General Manager Pruim briefly discussed the difference between cities and the District in terms of COVID-19's impact on revenues. The District's revenue is fairly secure as it relies heavily on rates for its operations, approximately 95%, with the remaining 5% coming from property taxes, redevelopment funds, and investment returns. Cities are more vulnerable to COVID-19 downturn as they rely heavily on sales tax revenue, property tax, special assessments, transient occupancy tax, licensing, permits, and rental income, some of which can be highly volatile.

General Manager Pruim read aloud Mr. Hunsaker's comments regarding how and where the Committee meeting was being held and if it is in violation of the Brown Act. General Manager Pruim further responded that the link to this meeting was not working and that he sent Mr. Hunsaker a separate invitation to attend. He stated the District office is currently closed to the public and that the District's method of holding public meetings via teleconferencing during the COVID-19 situation is not a violation of the Brown Act.

OTHER BUSINESS

None.

PUBLIC COMMENT

None.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 5:15 p.m.

MINUTES OF A CLOSED SESSION MEETING
OF THE BOARD OF DIRECTORS
OF THE VALLECITOS WATER DISTRICT
WEDNESDAY, APRIL 15, 2020, AT 4:30 PM AT THE DISTRICT OFFICE,
201 VALLECITOS DE ORO, SAN MARCOS, CALIFORNIA

President Evans called the Closed Session meeting to order at the hour of 4:30 p.m. The meeting was held via teleconference.

Present: Director Elitharp
Director Martin
Director Sannella
Director Evans

Absent: Director Hernandez

Staff Present: General Manager Pruim
Legal Counsel Gilpin
Executive Secretary Posvar

ADOPT AGENDA FOR THE CLOSED SESSION MEETING OF APRIL 15, 2020

20-04-04 MOTION WAS MADE by Director Sannella, seconded by Director Elitharp, and carried unanimously, with Director Hernandez absent, to adopt the agenda for the Closed Session Meeting of April 15, 2020.

PUBLIC COMMENT

None.

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Initiation of litigation pursuant to paragraph (4) subdivision (d) of Section 54956.9: One Potential Case

20-04-05 MOTION WAS MADE by Director Elitharp, seconded by Director Sannella, and carried unanimously, with Director Hernandez absent, to move into Closed Session pursuant to Government Code Section 54956.9.

REPORT AFTER CLOSED SESSION

The Board reconvened to Open Session at 5:07 p.m. There was no reportable action from the Closed Session Meeting.

ADJOURNMENT

There being no further business to discuss, President Evans adjourned the Closed Session Meeting of the Board of Directors at the hour of 5:08 p.m.

A Regular Meeting of the Vallecitos Water District Board of Directors has been scheduled for Wednesday, April 15, 2020 at 5:00 p.m. at the District office, 201 Vallecitos de Oro, San Marcos, California.

Betty D. Evans, President
Board of Directors
Vallecitos Water District

ATTEST:

Glenn Pruijm, Secretary
Board of Directors
Vallecitos Water District

MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS
OF THE VALLECITOS WATER DISTRICT
WEDNESDAY, APRIL 15, 2020, AT 5:00 PM AT THE DISTRICT OFFICE,
201 VALLECITOS DE ORO, SAN MARCOS, CALIFORNIA

President Evans called the Regular meeting to order at the hour of 5:11 p.m. The meeting was held via teleconference.

Present: Director Elitharp
Director Martin
Director Sannella
Director Evans

Absent: Director Hernandez

Staff Present: General Manager Pruim
Legal Counsel Gilpin
District Engineer Gumpel
Finance Manager Owen
Operations & Maintenance Manager Pedrazzi
Executive Secretary Posvar

ADOPT AGENDA FOR THE REGULAR MEETING OF APRIL 15, 2020

President Evans stated Action Item 2.2 would be pulled from the agenda and placed on the next Board agenda.

20-04-06 MOTION WAS MADE by Director Martin, seconded by Director Sannella, and carried unanimously, with Director Hernandez absent, to adopt the agenda as amended for the Regular Board Meeting of April 15, 2020.

PUBLIC COMMENT

General Manager Pruim stated no emailed comments had been received prior to the start of the meeting.

Mike Hunsaker, member of the public, addressed the Board commenting on the difficulties he experienced in trying to access this meeting via the Zoom link on the District's website.

CONSENT CALENDAR

20-04-07 MOTION WAS MADE by Director Sannella seconded by Director Elitharp, and carried unanimously, with Director Hernandez absent, to approve the Consent Calendar as presented.

- 1.1 Approval of Minutes
 - A. Regular Board Meeting – April 1, 2020
- 1.2 Warrant List through April 15, 2020 - \$893,346.21
- 1.3 Financial Reports
 - A. Water Meter Count – March 31, 2020
 - B. Water Production/Sales Report – 2019/2020
 - C. Quarterly Financial Report – March 31, 2020
 - D. Per Capita Water Consumption – March 31, 2020
 - E. Water Revenue and Expense Report – March 31, 2020
 - F. Sewer Revenue and Expense Report – March 31, 2020
 - G. Reserve Funds Activity – March 31, 2020
 - H. Investment Report – March 31, 2020
 - I. Legal Fees Summary – March 31, 2020
- 1.4 Operations & Maintenance Metrics Quarterly Report – March 31, 2020
- 1.5 Approval of Construction Agreement for Greens Storage Escondido – APNs: 187-170-62, 187-170-63 and 187-100-36
- 1.6 Adoption of Resolution Recognizing the Annexation Into the Vallecitos Water District of Certain Property Designated as the “De Maria Annexation,” APN 219-062-27, and Ordering Annexation Into Sewer Improvement Districts 1, 2 and 6 (John De Maria)
- 1.7 San Diego Regional Water Quality Control Board Administrative Civil Liability Settlement

Mike Hunsaker, member of the public, addressed the Board regarding Item 1.3G expressing his concern about improper use of funds for uses other than what they are intended for, specifically overuse of maintenance funds that go into rate stabilization. He believes this is an inappropriate use of reserve funds and should be investigated. Mr. Hunsaker also commented on Item 1.7 stating subsequent spills are dealt with much more harshly. Are there any follow-up actions to be taken, possibly replacing the pipe?

ACTION ITEM(S)

ACCEPTANCE OF PALOS VISTA PUMP STATION ELECTRIC GENERATOR

District Engineer Gumpel stated the Palos Vista Pump Station lifts water from the Richland Tanks to the Palos Vista Tank, supplying water to the Emerald Heights community. A new onsite permanent generator with associated equipment pad and electrical improvements

was installed to ensure reliability to the community. Staff received and opened bids from three contractors. Bergelectric was determined to be the lowest apparent responsive bidder. The Board awarded the contract to Bergelectric for \$180,321 on November 7, 2018. Construction was completed on March 19, 2019 with a budget surplus of \$48,297.

Staff recommended the Board accept the project and authorize the General Manager to file a Notice of Completion and release of retention funds to the contractor following the 60-day notice period provided no claims are filed in conformance with the contract documents.

General discussion took place.

20-04-08 MOTION WAS MADE by President Evans, seconded by Director Martin, and carried unanimously, with Director Hernandez absent, to accept the project and authorize the General Manager to file a Notice of Completion and release of retention funds to the contractor following the 60-day notice period provided no claims are filed.

COVID-19 PANDEMIC RESPONSE AND COST RECOVERY

This item was pulled and will be placed on the next Board agenda.

REPORTS

GENERAL MANAGER

General Manager Pruim stated the District continues to provide reliable water and wastewater services during the COVID-19 pandemic. Most of the administrative staff is working remotely from home. Field crews have been split and are working alternating schedules with half on and half off. Those who are off are on call to respond to lines breaks, etc. The District offices remain closed to the public. Internal meetings among staff are being conducted via video conferencing. The District is able to obtain needed supplies. No employees or members of their immediate families have been infected. Beginning this week, field staff are required to wear facial coverings provided by the District in certain situations such as when in contact with the public or within six feet of a coworker or contractor. All COVID-19 related expenses and lost revenue are being tracked for possible reimbursement.

General Manager Pruim further stated that most of the District's systems operations have returned to normal after recently receiving more than six inches of rain over a five to six day period. Several sewer overflows of short duration occurred, numerous high level alerts were received, and several small water main breaks occurred. The biggest structural problem during the storms was a large line break on the fail safe line which connects the District's Meadowlark Reclamation Facility to the ocean outfall. At the time of the break the line was transporting recycled water.

DISTRICT LEGAL COUNSEL

Legal Counsel Gilpin reported the following:

- Best Best & Krieger has produced several legal alerts and webinars regarding the COVID-19 response. One of the webinars provides information on steps Districts can take to put themselves in the position to be eligible for FEMA reimbursements.
- Per Governor Newsom's Executive Order regarding the water shut off moratorium for homes and critical small businesses, water shut offs dating back to March 4 will need to be restored.
- Many agencies are being inundated with requests for public information. Provisions of the Californian Public Records Act remain unchanged.

SAN DIEGO COUNTY WATER AUTHORITY

President Evans stated the next Board meeting is scheduled for April 23. She provided a brief update on the Sacramento legislature which adjourned abruptly on March 17 due to COVID-19 and was scheduled to return on April 13. Due to the stay at home order that date was changed to May 4 and is now in flux depending on public health information and compliance with Governor Newsom's six critical factors, etc. More than 2,200 bills were introduced for this legislative year in addition to over 1,000 two-year bills. The Assembly and Senate are working together to create new guidelines to advance the 2020 legislation once it restarts and are considering limiting the quantity of bills and prioritizing bills by essentiality, particularly with COVID-19 related matters.

ENCINA WASTEWATER AUTHORITY

Director Martin reported that the Policy and Finance Committee met on April 14. The Committee is continuing to work on next year's budget.

General Manager Pruiem stated he participated in the Capital Improvement Committee meeting this morning in place of Director Hernandez. The Committee discussed the capital improvement projects status report, an update on the co-generation building structural repair project, the heating, ventilation, and air conditioning upgrades project for the co-generation building, award of a business network improvement project, and an overview of the Fiscal Year 2020/21 proposed capital budget.

STANDING COMMITTEES

Director Martin stated the Finance/Investment Committee met on April 13 during which the Committee reviewed the budget process calendar, operational expenses, and capital budget requests.

DIRECTORS REPORTS ON TRAVEL/CONFERENCES/SEMINARS ATTENDED

President Evans reported on her attendance to a Region 10 Board meeting in March at which the Board discussed program events for this year and the alternative conveyance pipeline.

OTHER BUSINESS

None.

DIRECTORS COMMENTS/FUTURE AGENDA ITEMS

Director Sannella requested feedback from members of the public that have been able to participate in the District's video conferenced meetings as to their experience regarding the quality of the technology and if it is working for them.

ADJOURNMENT

There being no further business to discuss, President Evans adjourned the Regular Meeting of the Board of Directors at the hour of 5:50 p.m.

A Regular Meeting of the Vallecitos Water District Board of Directors has been scheduled for Wednesday, May 6, 2020, at 5:00 p.m. at the District office, 201 Vallecitos de Oro, San Marcos, California.

Betty D. Evans, President
Board of Directors
Vallecitos Water District

ATTEST:

Glenn Pruim, Secretary
Board of Directors
Vallecitos Water District

MINUTES OF A MEETING OF THE
FINANCE/INVESTMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
MONDAY, APRIL 27, 2020 AT 4:00 P.M.
AT THE DISTRICT OFFICE, 201 VALLECITOS DE ORO,
SAN MARCOS, CALIFORNIA

Director Martin called the meeting to order at the hour of 4:00 p.m. The meeting was held via teleconference.

Present: Director Sannella
Director Martin
General Manager Pruim
District Engineer Gumpel
Finance Manager Owen
Operations & Maintenance Manager Pedrazzi
Capital Facilities Senior Engineer Morgan
Principal Financial Analyst Arthur
Administrative Secretary Johnson

ITEM(S) FOR DISCUSSION

BUDGET UPDATE

General Manager Pruim stated the Committee reviewed preliminary data on materials, supplies, and the Capital Improvement Program (CIP) projects at previous Committee meetings. The focus of this meeting was impacts to reserves in the Fiscal Year (FY) 2020-21 budget and five-year forecast.

Finance Manager Owen discussed the progress of the budget process to date. A preliminary draft budget has been developed incorporating operating and capital budget requests in addition to a preliminary long-range plan with reserve projections.

Finance Manager Owen presented data on the draft water operating budget including operating revenues, expenses, and transfers to replacement reserves. The projected operating expenses for FY 2020-21 total \$12.5 million, including salary and benefits.

Principal Financial Analyst Arthur presented information on water projections by meter size. Water sales are projected to be 5.7 million units of water in FY 2020-21 which equates to \$28.6 million in commodity revenue. Water purchases are projected to be \$30.8 million. He noted that the ratio of the percentage of water sales and revenue is not a one-to-one relationship. If water sales decrease by 5%, revenue does not decrease that same amount. He demonstrated several "what if" demand scenarios to illustrate how changes in commodity and purchased water can affect the net bottom line which determines how much is transferred to reserves. Finance Manager Owen stated the transfers to reserves for FY 2020-21 are projected to be \$756,000 for water.

Finance Manager Owen reviewed the draft sewer operating budget. Total operating expenses are projected to be \$13.2 million. Projected sewer service revenue is projected to be \$18.1 million based on an estimated .3% increase in demand with no change in rates. \$7.8 million will be transferred to reserves to pay for capital replacement assets.

Finance Manager Owen discussed preliminary CIP cost projections for the next five years, reminding the Committee that the Board will be considering the one-year budget for FY 2020-21 for approval. CIP costs are high in FY 2023-24 and FY 2024-25, \$35.9 million and \$41.1 million respectively. It will be important to prioritize projects and determine the District's ability to complete those projects. Some projects may have to be moved to outlying years. Finance Manager Owen reviewed water and sewer reserve projections with and without debt and days in cash.

General discussion took place regarding debt. Finance Manager Owen stated that issuance of debt will be necessary to pay for capacity projects if there is demand from new development. He further clarified that debt does not affect water or sewer rates as it is paid for by development, including interest on the debt, and that no debt is planned for replacement projects.

Finance Manager Owen discussed COVID-19's impact on revenue and how that could be incorporated into the draft budget. Options include postponing CIP projects and delaying the PERS unfunded accrued liability payment of \$4 million scheduled for this year and \$4 million next year.

General Manager Pruim discussed a report commissioned by the American Water Works Association (AWWA) on what the financial impacts of COVID-19 might be on water and wastewater agencies such as reduced water sales, decreased or delayed property taxes, the elimination of late fee collections, and unpaid customer bills. The AWWA report looked at numbers nationally to develop a methodology which staff will use to determine the District's COVID-19 related lost revenue.

General discussion took place regarding cost cutting measures that could be taken. Director Sannella requested staff provide available District data and scenarios to the Board at a workshop meeting.

Finance Manager Owen stated a Board workshop is tentatively scheduled on May 4 for review of the draft budget and discussion of Board requested items. Another Board workshop will be scheduled on May 20 for review of the proposed budget, and the recommended budget will be presented for approval at the June 3 Board meeting.

COSS UPDATE

Finance Manager Owen presented a tentative Cost of Service Study (COSS) timeline for the FY 2021-22 budget. The purpose of the COSS is not to increase rates but to have Raftelis assist staff in developing a rate structure and model to set future rates. The COSS is tentatively set to begin in July 2020.

During general discussion, Director Sannella asked if the Board will be involved in the COSS. Finance Manager Owen stated Raftelis will address the Board before July to discuss ideas, feasible options, and the Board's requests. General Manager Pruim clarified that a COSS is not about raising rates, but is performed to ensure revenue needed for operations is apportioned fairly.

Director Sannella requested staff provide the Committee information on any cost savings the District has realized during the COVID-19 situation such as reduced travel or fuel.

OTHER BUSINESS

None.

PUBLIC COMMENT

None.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 4:51 p.m.

VALLECITOS WATER DISTRICT
WARRANTS LIST
May 6, 2020

5/1/2020 8:22

\\VWD-DATA\Data\Finance\Accounting\Common\1 Accounts Payable\AP FY 16-17\Warrant List 2017.xlsx]05-06-20

PAYEE	DESCRIPTION	CHECK#	AMOUNT
CHECKS			
Home Depot Credit Services	Hardware Supplies Prj 20201-4	118882	1,556.04
Union Bank	Meetings & Travel - Mar	118883	599.71
Union Bank	Meetings & Travel Prj 20201-4	118884	751.77
Union Bank	Meetings & Trvl Prj 20201-850	118885	9,313.22
Garnishments	Payroll Garnishments	118886 through	-
San Diego County Water Authority	Connection Fees Quarter Ending 3-31-20	118889	54,480.00
ACWA/Joint Powers Insurance	Workers' Compensation Quarter Ending 3-31-20	118890	41,427.44
Advanced Imaging Solutions, Inc.	Copier Lease - Apr	118891	2,451.32
Airgas USA LLC	Cylinder Rentals	118892	259.35
Ambius	Plant Maintenance - Apr	118893	263.00
Bridget Anderson	CalGOV HR Conference 3-10-20	118894	155.40
Angelica Garcia & Victor Vargas	Closed Account Refund	118895	308.00
AP Technology LLC	Secure Pro Maintenance 20-21	118896	370.00
Richard Arballo	Water Quality Cert Renewal - AWWA	118897	75.00
AT&T	Internet Svcs - Mar	118898	179.00
AT&T	Phone Svc SCADA - Apr	118899	453.31
AT&T	Phone Svc - Mar	118900	2,904.80
Backflow Solutions, Inc.	Backflow Testing Mar - Qty 345	118901	5,157.75
Best Best & Krieger	Legal Svcs - Feb	118902	19,206.85
Boncor Water Systems	Soft Water & Drinking Water Svcs - Mar & Apr	118903	5,302.00
CA Dept of Forestry/Fire Protection	Crew Work - Dec	118904	898.32
Color Marble Commercial Projects Inc.	Closed Account Refund	118905	177.00
Jeffrey Colwell	Video Production Prj 20201-41	118906	577.50
Core & Main LP	Air Vac - Mahr	118907	2,042.94
Core Logic Information Solutions Inc	Real Quest Svc Engineering Map Svcs - Mar	118908	212.18
Corodata Media Storage Inc	Back Up Storage Tape - Mar	118909	180.46
CWEA	Membership Renewal - D Toth	118910	192.00
CWEA	Membership Renewal - C Deering	118911	192.00
CWEA	Collection Cert Renewal - J Aceves	118912	94.00
CWEA	Membership Renewal - R Salazar	118913	192.00
CWEA	Collection Cert Renewal - J Bakken	118914	99.00
DirecTV Inc	Satellite Svc - Apr	118915	81.24
Edco Waste & Recycling Serv	Trash Svc - Mar	118916	878.13
Electrical Sales Inc	Supplies PLC Upgrade Prj 20201-4, Hardware Supplies	118917	849.43
Emcor Service	HVAC Repairs - Chillers 1 & 2	118918	2,753.57
Rhondi Emmanuel	CalGOV HR Conference 3-10-20	118919	278.00
Betty Evans	ACWA Region 10 Meeting 3-9-20	118920	23.35
Fisher Scientific LLC	Disinfectant Spray	118921	252.76
G & R Auto & Truck Repair Inc	Repairs - Veh 213 - Coolant & Air Leaks	118922	3,061.05
Hub Construction Specialties	Fleet Supplies	118923	163.99
Huntington & Associates, Inc.	Pump Control Valves 3 - Deer Springs Pump Station	118924	2,474.68
Infosend Inc	Support Fee - Feb, Door Hangers, Processing, Postage & Printing - Mar & Apr	118925	6,097.61
J W D'Angelo Co Inc	Brass Inventory - Brass Clamps 50, Ball Valves - 10, Lever Handles - 10	118926	2,035.48
Jesse Halbig	Safety Boots	118927	150.00
JJ Septic & Drain Service Inc	Pump Truck Svcs - Lake San Marcos & Montiel Lift Stations	118928	2,799.50
JCI Jones Chemicals Inc	Chlorine	118929	2,043.21
JWC Environmental Inc.	Refurbish Grinder - LS 1	118930	24,809.01
KB Homes	Closed Account Refund	118931	259.83
Knight Security & Fire Systems	Answering, Patrol, & Monitoring Svcs - Apr	118932	656.69
Lawnmowers Plus Inc	Hardware Supplies & Chain Sharpening Svcs	118933	510.03
Left Coast Window Cleaning	Strip & Wax Engineering Rest Room & Bldg B, Disinfecting Svcs - District Wide	118934	2,668.00
Little Free Library Ltd	Book Shed - For Sustainable Demonstration Garden - Prj 20201-40	118935	630.00
Mallory Safety & Supply, LLC	Gloves, Glasses, Earplugs, Antibiotics	118936	1,179.04
Matt Chlor Inc	Hardware Supplies	118937	80.04
O.G. Supply Inc	Hardware Supplies	118938	144.42
Occu Med Ltd	Medical Svcs	118939	349.50
One Source Distributors LLC	Network Switches SCADA Prj 20201-4, Repair Equipment Mechanical/Electrical	118940	3,587.68
Parkhouse Tire Inc	Tires 4 - Shop Tire Reserve, Cart Tires 4 Veh 270, Tires 2 Veh 231	118941	1,717.82
Petty Cash Custodian	Petty Cash	118942	677.90
Pitney Bowes	Mail System Lease Feb - May	118943	601.80
H.M. Pitt Labs Inc	AC Pipe Non-Friability Certification	118944	600.00
Plumbers Depot Inc	Hardware Supplies	118945	190.73
Pres-Tech Manufacturers' Representatives, Inc	Pressure Washer Veh 245	118946	2,794.30
Proteus Consulting	Asset Management Prj 20141-4	118947	3,900.00

VALLECITOS WATER DISTRICT
WARRANTS LIST
May 6, 2020

5/1/2020 8:22

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PAYEE	DESCRIPTION	CHECK#	AMOUNT
Quality Hoist & Electric	Crane Inspection 10 Units	118948	2,014.00
Redback USA	Safety Boots	118949	133.61
Rely Environmental	Fuel Island Maintenance - Mar	118950	199.50
Richard W. Gittings	Hillside Development - Mar	118951	1,400.00
RK Controls	Power Supply SCADA Prj 20201-4	118952	543.82
Road Soup LLC	Rock & Cold Mix	118953	646.50
Rusty Wallis Inc	Soft Water Tank Svc - Apr	118954	220.00
San Diego County Water Authority	Capacity Fees Jan - Mar	118955	3,759.07
SDG&E	Power - Mar	118956	90,166.08
SCADA Integrations	MRF Drawings SCADA Prj 20201-4	118957	1,562.50
Scaffolding Professionals Corp	Scaffolding Rental - MRF	118958	1,000.00
Schmidt Fire Protection Co Inc	Leak Repair - Fire Sprinkler - Bldg C	118959	874.00
Shred-It US JV LLC	Shredding Svcs - Mar & Apr	118960	213.82
Six To Six Equipment Rentals	Scissor Lift Rental	118961	300.00
Smart & Final	Employee Event Supplies	118962	89.14
Standard Insurance Company	LIFE, LTD & ADD Insurance - May	118963	5,792.98
State Board of Equalization	Sewer Annexation Fee Prj 20191-612	118964	300.00
Total Resource Mgt Inc	Maximo Support - Jan & Feb	118965	11,375.60
Univar USA Inc	Sodium Bisulfite	118966	3,344.04
UPS	Shipping Svcs - Feb & Mar	118967	81.28
V & A Consulting Engineers Inc	Pipeline Assessment Prj 20141-4	118968	4,887.50
Veolia Environmental Services LLC	Hazardous Waste Disposal	118969	10,333.11
Verizon Wireless	Ipad & Cell Phone Svc - Mar	118970	5,286.68
VWR International	Potassium Iodide Bottles 6 - MRF	118971	702.49
Waxie Sanitary Supply	Cleaning Supplies	118972	1,244.31
Work Partners OHS	Medical Svcs	118973	475.00
Zhuojun Tangtang	Closed Account Refund	118974	77.97
Action Mail	Splash Covid 19 Prj 20201-850	118975	7,149.90
Applied Best Practices, LLC	Continuing Disclosure Annual Report	118976	1,124.50
Aqua-Metric Sales Co	Veh Gateway Base Station Repair, Meters 119	118977	27,456.64
Bonsall Petroleum Constr Inc	Svc - Fuel Island	118978	243.75
Boot Barn	Safety Boots	118979	143.02
CCI	Water Treatment - Apr	118980	220.00
CDW Government Inc	VMWare Maintenance Contract 20-21	118981	10,840.30
Consolidated Electrical Distributors, Inc.	LED Lights 43 - District Parking Lots	118982	3,011.61
Chandler Asset Management, Inc.	Investment Management Svcs - Mar	118983	3,885.00
County of San Diego	Recording Fees - Mar	118984	156.00
Doane & Hartwig Water Systems Inc	Pump Hoses 6 - Mahr, Acid Wash - Mahr, Acetate Buffer/Misc Chemicals - MRF	118985	2,964.92
Freeway Trailer Sales	Hardware Supplies	118986	43.97
Grainger Inc	Personal Eye Wash Bottles, Sealant, Beverage Coolers, Batteries	118987	1,084.71
Great Western Roofing	Roof Repair - Bldg A	118988	6,400.00
Hach Company	Water Quality Supplies	118989	1,303.02
Hawthorne Machinery Co.	Hardware Supplies	118990	337.14
Insituform Technologies, LLC	Sewer Rehab Prj 20191-5	118991	204,686.81
Interstate Batteries	UPS Batteries - 16	118992	309.46
Liquid Environmental Solutions	Pumping Svcs - Rain Event - Lake San Marcos Lift Station	118993	2,010.00
Lloyd Pest Control	Pest Control - Apr	118994	48.00
Mallory Safety & Supply, LLC	Gloves & Electrical Glove Testing	118995	1,051.64
Matheson Tri-Gas Inc	Cylinder Rental	118996	61.57
Municipal Maintenance Equipment, Inc	Leader Hoses - 4	118997	678.61
North County Auto Parts	Fleet Supplies - Mar	118998	1,582.53
Olivenhain MWD	Treated Water - Mar	118999	42,543.40
Olympic Coatings California	Pipe Rack Coating - Veh 253	119000	253.69
Ostari Inc	DUO Software Subscription - Mar, IT Support - Apr	119001	3,113.60
Pacific Pipeline Supply	Couplings 10, Valve Boxes 3, Hardware Supplies	119002	5,803.70
Pell Mell Supply Inc	Nuts, Bolts, & Washer Inventory	119003	1,844.68
Penco, Inc.	Calcium Nitrate	119004	9,315.81
Pollard Water	Leak Detector - For Subsurface Leak Detection	119005	6,486.06
Power Seal	Couplings - 2	119006	2,907.96
Process Solutions, Inc.	Brine Pump - Twin Oaks Res	119007	1,296.14
R & B Automation Inc	Valve Actuators - 3 MRF Prj 20201-35	119008	36,308.84
Rick Post Welding	Welding Svc - 6 Inch Meter Replacement	119009	600.00
SHI International Corp.	UPS Replacements - 5 Main Computer Room	119010	5,036.59
Sound Image Inc	Light Switch Alert System - Board Room Prj 20151-2	119011	1,127.65
Southern Counties Lubricants, LLC	Unleaded & Diesel Fuel	119012	15,372.25

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PAYEE	DESCRIPTION	CHECK#	AMOUNT
Steven Enterprises Inc	Paper - OCE Printer	119013	99.11
Streamline Auto Body	Body Work & Repair Due To Hit & Run Damage - Veh 281	119014	2,676.21
T.S. Industrial Supply	Marking Paint, Shovels 4	119015	435.72
Talley Communications	900 MHz Radios Prj 20201-4	119016	485.57
Unifirst Corporation	Uniform Delivery	119017	2,633.97
Univar USA Inc	Sodium Bisulfite, Caustic Soda	119018	6,558.21
Vaughan's Indust Repair Inc.	Repair - Roughing Filter Pump - MRF	119019	10,976.95
Vista Fence Company Incorporated.	Emergency Fence Repair - South Lake	119020	5,136.00
Waxie Sanitary Supply	Disinfecting Wipes Prj 20201-850, Cleaning Supplies	119021	811.95
West Coast Industrial Coatings Inc. (WCIC)	Schoolhouse Tank Refurbishment Prj 20181-3	119022	35,497.34
Total Disbursements (138 Checks)			<u>840,507.65</u>
WIRES			
San Diego County Water Authority	March Water Bill	Wire	1,752,684.68
Encina Wastewater Authority	Quarterly UAL Additional Discretionary Payment	Wire	197,237.00
Encina Wastewater Authority	Quarterly Billing	Wire	1,767,194.46
Public Employees Retirement System	Retirement Contribution - April 21, 2020 Payroll	Wire	73,947.42
Total Wires			<u>3,791,063.56</u>
PAYROLL			
Total direct deposits		Wire	243,324.26
VWD Employee Association		118886	566.00
Payroll & Garnishments		118888	1,001.06
IRS	Federal payroll tax deposits	Wire	98,868.50
Employment Development Department	California payroll tax deposit	Wire	19,189.37
CalPERS	Deferred compensation withheld	Wire	22,342.03
VOYA	Deferred compensation withheld	Wire	7,429.09
Total April 21, 2020 Payroll Disbursements			<u>392,720.31</u>
TOTAL DISBURSEMENTS			<u>5,024,291.52</u>

Vallecitos' Water is Safe

With the recent news about the coronavirus (COVID-19), Vallecitos would like to take this opportunity to reassure customers that Vallecitos' tap water is available, plentiful and safe. As always, Vallecitos is committed to providing safe, reliable drinking water for our customers at all times.

Despite widespread fears about the coronavirus, there's no evidence that the coronavirus is transmitted through water. According to the Center for Disease Control and the World Health Organization, the coronavirus, like the flu, is spread from person to person contact, breathing or contacting respiratory droplets from an infected person, and contacting surfaces contaminated with a virus.

There is currently no evidence to support that the coronavirus (COVID-19) is transmitted through drinking water. The coronavirus can be disinfected through the use of ozone, chlorine and other treatment processes used in processing your tap water. Drinking water provided by Vallecitos' wholesalers is treated by a combination of technologies – including sedimentation, filtration and disinfection – that chemically deactivate and physically remove bacteria, contaminants and viruses, including the coronavirus.

As a result, there is no need to purchase additional bottled water for drinking other than the usual supplies needed to have on hand for other emergencies, such as earthquakes or fires.

Vallecitos conducts thousands of water quality tests each year to ensure that our drinking water meets stringent state and federal drinking water standards, ensuring that only the highest quality water is delivered to our customers.

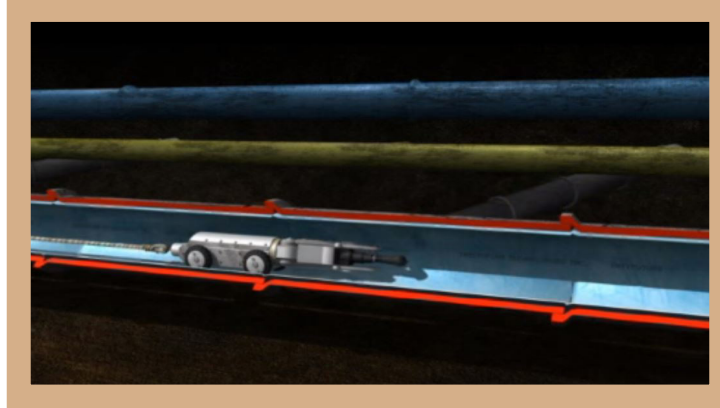
Learn more about Vallecitos' water quality in the annual water quality reports at <http://www.vwd.org/waterquality>.



Sewer Lining Project begins in Lake San Marcos

Have you seen work crews out in your street recently?

Vallecitos is currently conducting the 2019 Sewer Lining Capital Improvement Project with our contractor, Insituform. The project involves lining approximately 12,000 feet of sewer mains, a majority of that being in the Lake San Marcos area to increase the service life of the pipes without open trenching and tearing up the road. This process has the least impact on our customers.



Any customers who will be affected by this process will be notified 72 hours in advance, but water service will still be available.

The contractor started cleaning the sewer mains at the beginning of April and just started the lining process.

They will continue throughout Lake San Marcos through April and will then move on to other locations in our service area. Watch the video below to learn more about the process.

A video of the Insituform CIPP animation and technology can be found at:

<http://www.bit.ly/VWDInsituform>



No Wipes or Paper Towels Down the Toilet





Wastewater treatment facilities around the state already are reporting issues with their sewer management collection systems. These facilities are asking state residents to not discard wipes in the toilet, but instead to throw them in the trash to avoid backups and overflow. A majority of urban centers, including the Vallecitos Water District, are on centralized sewage collection systems that depend on gravity and enough water flow to move along human waste and biodegradable toilet paper. The systems were not designed for individual nylon wipes and paper towels. The wipes and paper towels do not break down like toilet paper, and therefore clog systems very quickly. Wipes are among the leading causes of sewer system backups, impacting sewer system and treatment plant pumps and treatment systems. Sewer spills can flow to our lakes, creeks, and ocean where they have broad ranging impacts on public health and the environment.

Preventing sewer spills is important, especially during this COVID-19 emergency. For the protection of public health and the environment, please do not flush disinfectant wipes or paper towels down the toilet. Vallecitos would like to thank all residents for making this effort to protect our sewer system and the environment.

While the State Water Board encourages residents to follow the Centers for Disease Control recommendations to clean surfaces with disinfecting wipes to reduce the spread of COVID-19, it is important to discard those items in the trash, not the toilet. Flushing wipes, paper towels and similar products down toilets will clog sewers and cause backups and overflows at wastewater treatment facilities, creating an additional public health risk in the midst of the coronavirus pandemic.

Even wipes labeled “flushable” will clog pipes and interfere with sewage collection and treatment throughout the state.

**If you need help,
please call us at
(760) 744-0460.**



To protect the health and safety of the public during the coronavirus pandemic, Vallecitos' lobby is closed to the public until further notice.

We understand that our customers may suffer from the economic impacts related to the outbreak of COVID-19. If you or your family are having trouble paying your utility bill, please contact our Customer Service staff at (760) 744-0460. We will work with you through this difficult time. Given the importance of hygiene and sanitation to prevent the spread of COVID-19, we are postponing water shutoffs due to late payments until further notice.



201 Vallecitos de Oro
 San Marcos, CA 92069
 (760) 744-0460
www.vwd.org

Management Staff

Glenn Prum, General Manager
 Rhondi Emmanuel, Administrative Services Manager
 Ed Pedrazzi, Operations and Maintenance Manager
 James Gumpel, District Engineer
 Wes Owen, Finance Manager



Between the Pipes is a publication of information and interest to Vallecitos water and sewer customers. If you receive water or sewer services from another district, please disregard any information that does not apply to you.

PRSR STD
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 San Diego, CA
 Permit no 906

ECRWSS

Postal Customer


Due to the evolving situation with the COVID-19 Novel Coronavirus and Executive Order N-29-20, VWD will hold future meetings via teleconferencing. The public is encouraged to watch or listen to the meeting from their homes and observe the meeting electronically or listen in by phone. The District's Board meetings are held on the first and third Wednesday of each month at 5:00 p.m.

To provide public comments prior to the meeting, submit comments via e-mail at PublicComment@VWD.org up to 90 minutes in advance of the meeting. Comments received are handled by the Clerk of the Board of Directors as if submitted in person. All written comments that are received at least 90 minutes before the meeting will be provided to the Board, and a record of the receipt of comment will be noted during the meeting. To comment during the meeting or to watch or listen to the live meeting, go to www.vwd.org/meetings.




"Like us" on Facebook
 or follow us on Twitter
 @vallecitoswater

Hand Washing is Essential to Contain COVID-19

NO WATER 
NO HYGIENE

#NoWaterNoHygiene
#ValueWater

 American Water Works Association

Please remember to wash your hands regularly with water & soap or alcohol-based hand rub.

DATE: MAY 6, 2020
TO: BOARD OF DIRECTORS
SUBJECT: APPROVAL OF IRREVOCABLE LETTERS OF CREDIT IN LIEU OF IMPROVEMENT BONDS FOR GREENS STORAGE ESCONDIDO – APN: 187-170-62, 187-170-63 & 187-100-36

BACKGROUND:

Greens Escondido, LLC, owner of the project, has completed the plan check process with the District. The project is located on North Center City Parkway at the I-15 crossing. The owner proposes to build a commercial storage facility with a caretaker suite. The Construction Agreement was approved by the Board at the April 15, 2020 Board meeting.

DISCUSSION:

Approval of a construction agreement requires the submittal of standard improvement bonds or cash deposits in lieu of those bonds. Per District policy, Irrevocable Letters of Credit are allowed in lieu of the improvement bonds upon approval by the Board of Directors.

The owner submitted cash deposits each in the amount of \$140,332.00 in lieu of the standard Faithful Performance Bond and the Labor & Materials Bond required for approval of the Construction Agreement. The developer now requests to submit Irrevocable Letters of Credit to replace those cash deposits.

FISCAL IMPACT:

None.

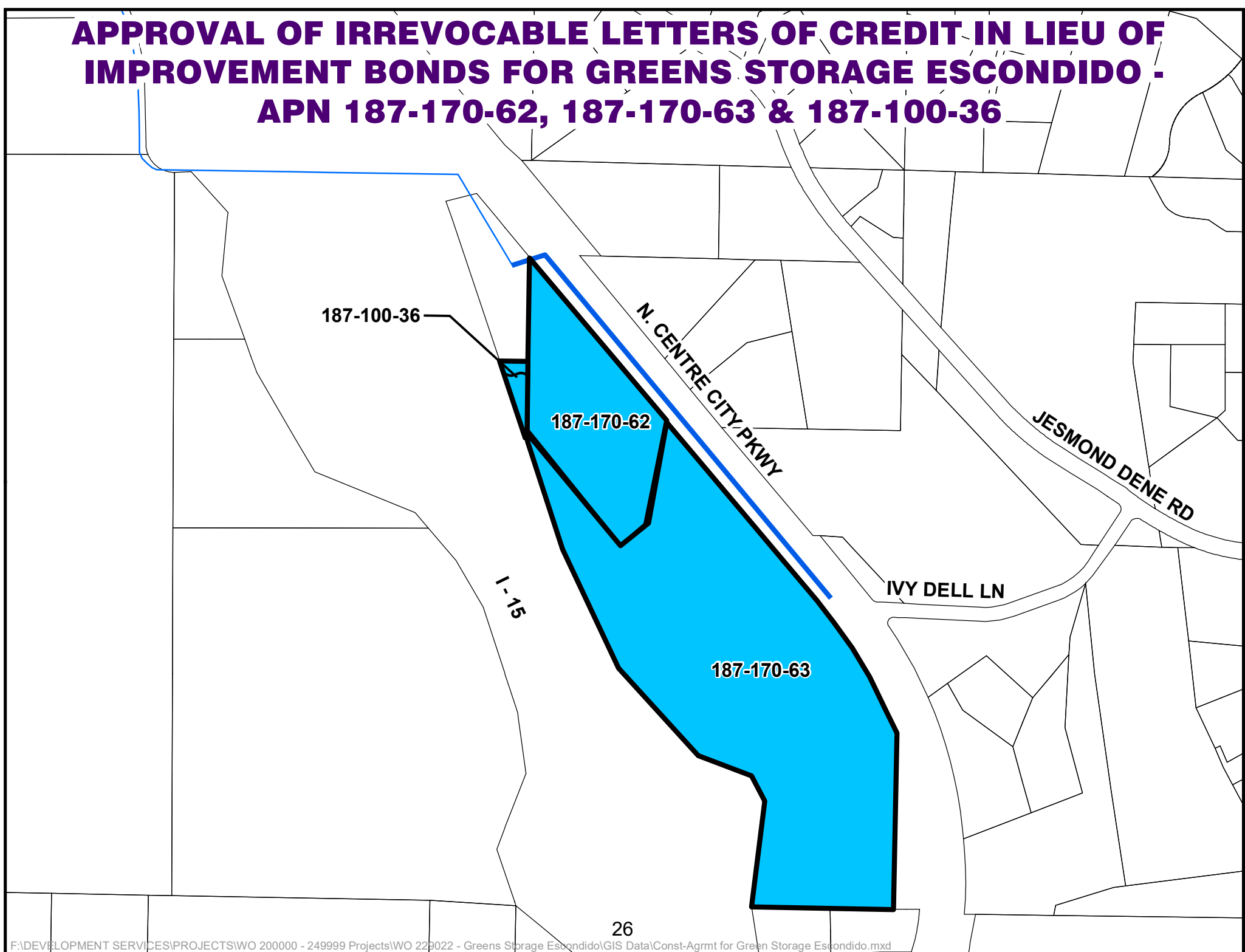
RECOMMENDATION:

Approve the submittal of Irrevocable Letters of Credit in lieu of the standard Improvement Bonds for the Greens Storage Escondido Construction Agreement.

ATTACHMENTS:

2 Map Exhibits – 1 Plat & 1 Aerial
Irrevocable Letters of Credit (2)

**APPROVAL OF IRREVOCABLE LETTERS OF CREDIT IN LIEU OF
IMPROVEMENT BONDS FOR GREENS STORAGE ESCONDIDO -
APN 187-170-62, 187-170-63 & 187-100-36**



187-100-36

187-170-62

187-170-63

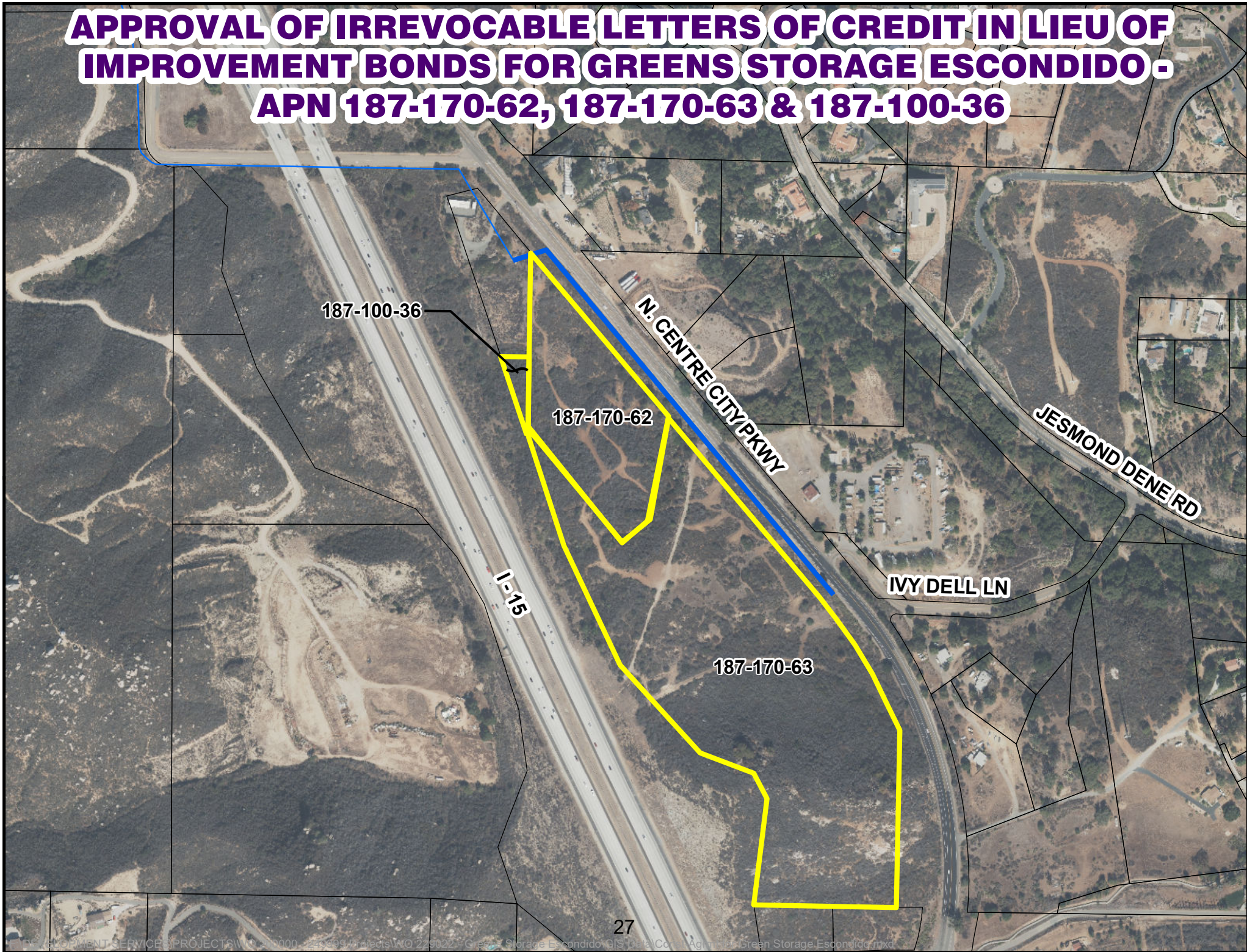
N. CENTRE CITY PKWY

JESMOND DENE RD

IVY DELL LN

I-15

APPROVAL OF IRREVOCABLE LETTERS OF CREDIT IN LIEU OF IMPROVEMENT BONDS FOR GREENS STORAGE ESCONDIDO - APN 187-170-62, 187-170-63 & 187-100-36



187-100-36

187-170-62

187-170-63

I-15

N. CENTRE CITY PKWY

JESMOND DENE RD

IVY DELL LN

DATE: MAY 6, 2020
TO: BOARD OF DIRECTORS
SUBJECT: APPROVAL OF CONSTRUCTION AGREEMENT FOR PICO AVENUE SEWER IMPROVEMENTS (EL DORADO II, LP)

BACKGROUND:

El Dorado II, LP, owner of the project, has completed the plan check process with the District. The project is located along Pico Avenue between San Marcos Blvd and Mission Avenue.

DISCUSSION:

A Construction Agreement is typically entered into between a developer and the District to ensure that the required public facilities are constructed to support the demands of the development.

The project will construct approximately 902 feet of 12-inch diameter PVC sewer main.

Upon completion of upsizing the existing sewer facilities, service will be available to serve multiple Development Projects. This is one of two projects required for El Dorado Development due to capacity deficiencies identified in the 2018 Master Plan.

The other portion of sewer main will need to be upsized at Mission Avenue and at the railway crossing for North County Transit District (NCTD Crossing). This portion of the pipeline was broken-out due to permit timing.

All engineering fees and inspection deposits have been paid prior to Board approval of the Construction Agreement. Water and wastewater capital facility fees will be due with all future development projects prior to issuance of the final building inspection and/or utility release per Resolution 1441.

The owner has submitted standard surety bonds to guarantee completion of the project. The following bond amounts have been reviewed and approved by staff:

Labor and Materials	\$152,649.00
Faithful Performance	\$152,649.00

FISCAL IMPACT:

None. Future sewer revenues will offset costs of service.

RECOMMENDATION:

Approve the construction agreement for Pico Avenue Sewer Improvements.

ATTACHMENTS:

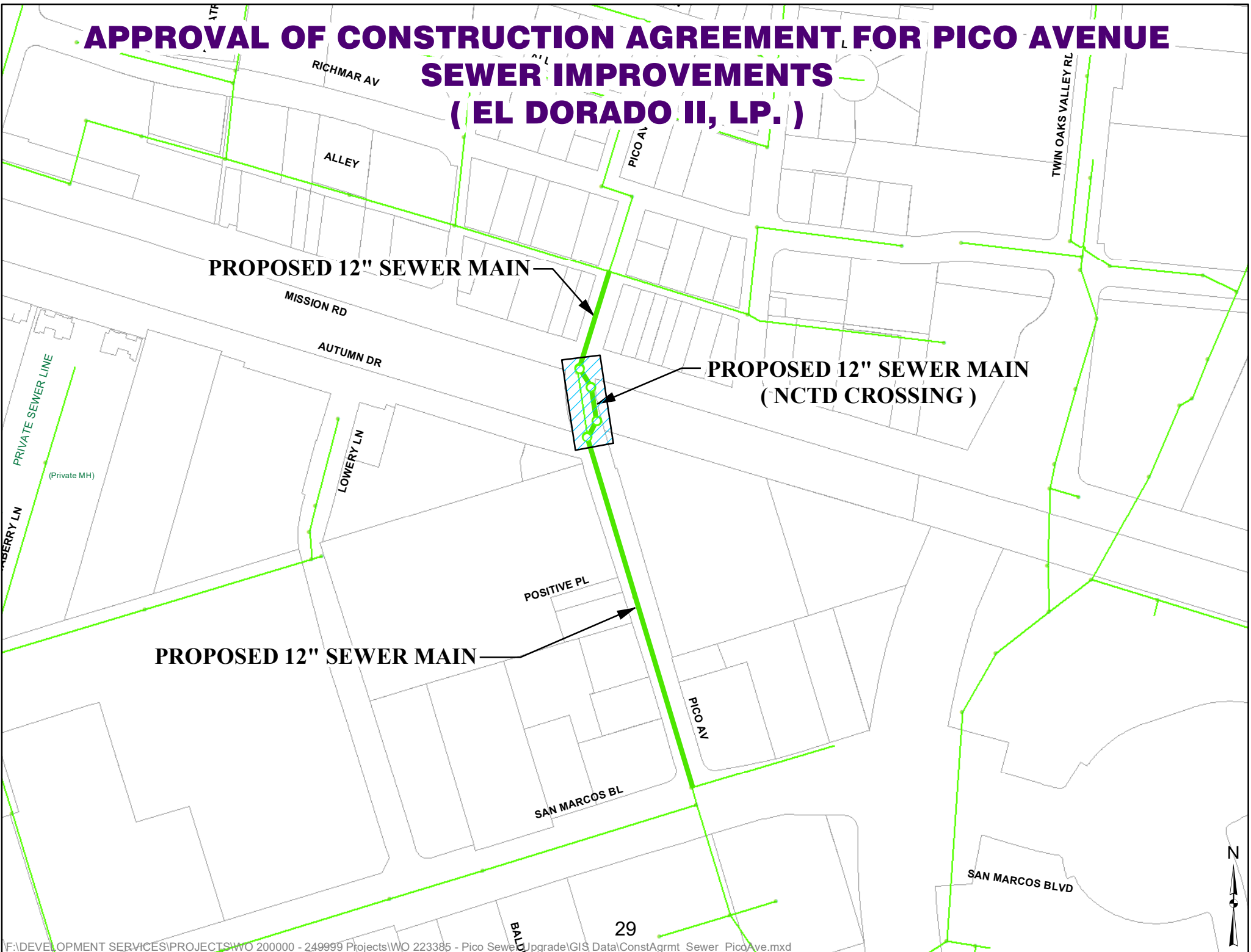
2 Map Exhibits – 1 Plat Map & 1 Aerial
Construction Agreement

APPROVAL OF CONSTRUCTION AGREEMENT FOR PICO AVENUE SEWER IMPROVEMENTS (EL DORADO II, LP.)

PROPOSED 12" SEWER MAIN

PROPOSED 12" SEWER MAIN
(NCTD CROSSING)

PROPOSED 12" SEWER MAIN

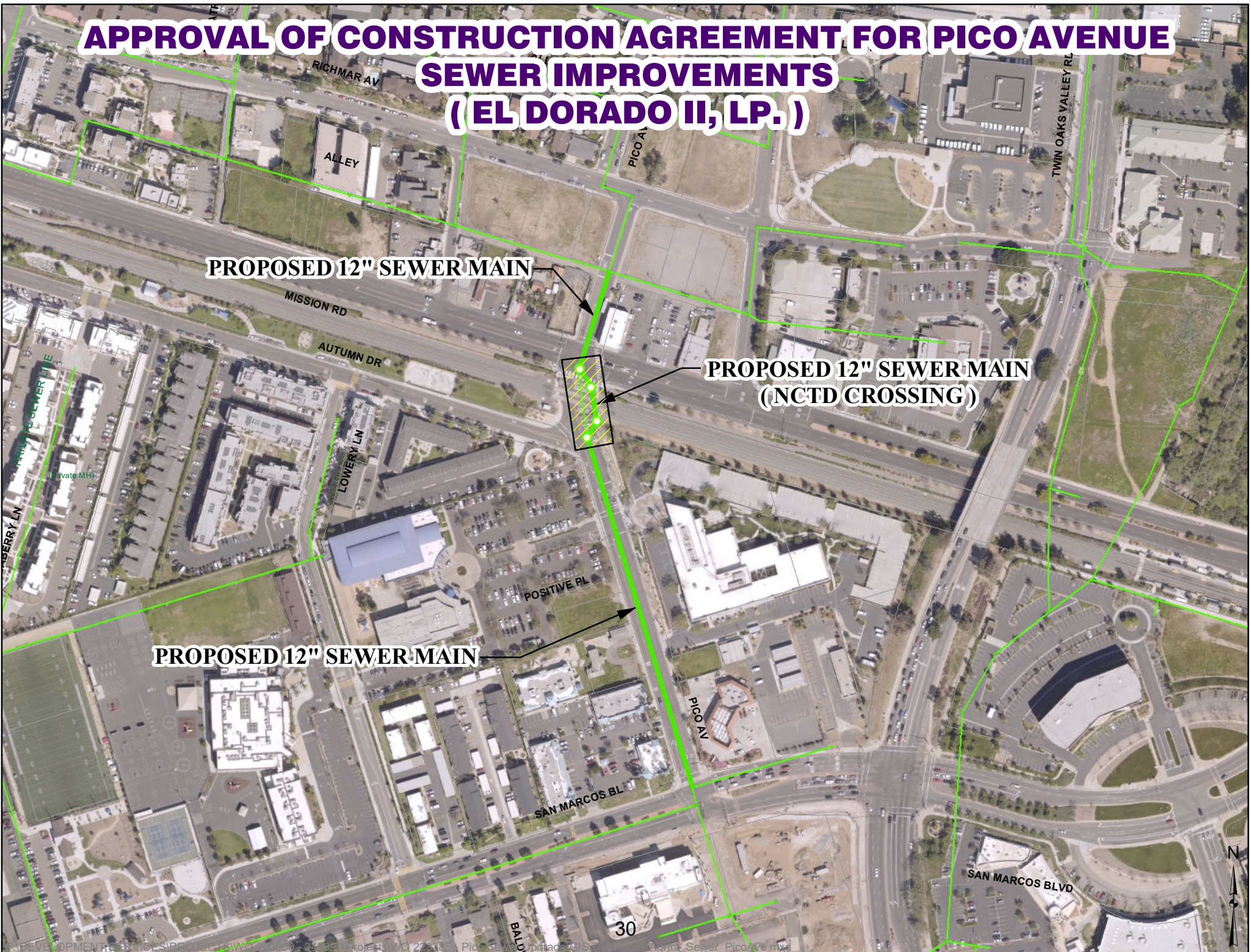


APPROVAL OF CONSTRUCTION AGREEMENT FOR PICO AVENUE SEWER IMPROVEMENTS (EL DORADO II, LP.)

PROPOSED 12" SEWER MAIN

PROPOSED 12" SEWER MAIN
(NCTD CROSSING)

PROPOSED 12" SEWER MAIN



DATE: MAY 6, 2020
TO: BOARD OF DIRECTORS
SUBJECT: EMPLOYEE'S REQUEST FOR LEAVE WITHOUT PAY

BACKGROUND:

The District's Employee Handbook, Section VII – Paid Time Off and Leaves of Absence, E. Leave Without Pay, states "Leave without pay for other than medical reasons may be granted by the General Manager for a period not to exceed 20 work days, or by the Board in excess of 20 work days." Requests for leave without pay for other than medical reasons are rare and vary greatly.

DISCUSSION:

An employee has requested 8 weeks of leave without pay for a personal reason. The General Manager has already approved the first four weeks of the leave request. The employee's request to the Board is for the 4 week period of May 13 through June 12, 2020. The request complies with the District's policy and the department supervisor supports the request. During the period of the absence, there is limited impact to department productivity due to reduced projects from coronavirus.

FISCAL IMPACT:

None; the employee will not receive pay during the leave of absence.

RECOMMENDATIONS:

Approve the employee's request for 4 weeks of leave without pay.

ATTACHMENT:

None.

DATE: MAY 6, 2020
TO: BOARD OF DIRECTORS
SUBJECT: COVID-19 PANDEMIC RESOLUTION DECLARING A LOCAL EMERGENCY

BACKGROUND:

Federal, state, county, and local city governments have all issued declarations of emergency to address the current novel coronavirus (“COVID-19”) pandemic. This Resolution declares a local emergency by the Vallecitos Water District (“District”).

DISCUSSION:

This Resolution proclaims a local emergency within the District based on the risks associated with the spread of COVID-19. COVID-19 causes infectious diseases resulting in symptoms of fever, coughing, and shortness of breath. Reported illnesses have ranged from very mild to severe, including illnesses resulting in death. Older people (over age 65) and people of all ages with severe underlying health conditions, such as heart disease, lung disease and diabetes, are at higher risk of developing a serious COVID-19 illness. Based on the experience with other coronaviruses that cause respiratory illness, the U.S. Center for Disease Control and Prevention (“CDC”) currently believes that symptoms appear in two to 14 days after exposure. At this time, there is no vaccine to protect against COVID-19 and no medications to treat it. Since its discovery in December 2019 in Wuhan City, Hubei Province, Coronavirus has resulted in hundreds of thousands of deaths.

On February 14, 2020, the County of San Diego proclaimed a local emergency and the San Diego County Health Officer declared a local health emergency regarding COVID-19. On March 4, 2020, California Governor Newsom declared a State of Emergency to make additional resources available, formalize emergency actions already underway across multiple state agencies and departments and help the State prepare for broader spread of COVID-19. Further, in this declaration, the Governor also directed State agencies to enter into contracts for the procurement of goods and supplies that could be provided to impacted local government, including the District. The Governor also directed the Office of Emergency Services to provide assistance to local governments impacted by COVID-19. On March 18, 2020, the President of the United States of America declared a national emergency to address COVID-19 and on March 22, 2020, the President approved Major Disaster Declaration FEMA-4482-DR-CA (DR-4482) for the COVID-19 pandemic

Since these declarations and orders have been issued, confirmed COVID-19 infections have continued to increase in the United States and internationally. The continued spread of COVID-19 will require critical infrastructure to address the medical care of large numbers of residents at the same time, including requesting mutual aid when such mutual

aid is necessary. The declaration of a local emergency will allow neighboring local jurisdictions and the State to provide mutual aid to ensure the District has sufficient resources to address the emergency conditions related to the spread of COVID-19.

Further, declaring a local emergency may assist the District with obtaining State and federal resources or reimbursement funds, as they become needed and available. In particular, declaring a local emergency would allow for mutual aid to help control the emergency and allows the District to promulgate orders and regulations to protect life and property, if needed in the future. (Gov. Code, § 8634.) Governor Newsom's state of emergency declaration provides that the State shall provide assistance to local governments that have demonstrated extraordinary or disproportionate impacts from COVID-19 under the authority of the California Disaster Assistance Act. As such, local agencies are not required to proclaim a local emergency to recover emergency funding since the Governor has already issued a state emergency proclamation. (Gov. Code, §§ 8633, 8685.2.) However, declaring a local emergency would send a clear signal to the State that the District will need access to these resources. Further, declaring a local emergency also protects local officials and employees from liability when exercising or performing, or failing to exercise or perform, a discretionary function or duty on the part of the District in carrying out the provisions of California Emergency Services Act ("CESA"). (Gov. Code, § 8655.) The privileges and immunities from liability apply to public officers, agents and employees when those persons are performing any of their functions or duties extraterritorially pursuant to CESA. (Gov. Code § 8657.)

Accordingly, due to the increase of reported cases associated with COVID-19, there is an imminent and proximate threat of introduction of COVID-19 in the District that threatens the safety and health of District customers and warrants a declaration of local emergency. For all of the foregoing reasons, District staff requests that the Board adopt this resolution declaring a local emergency to protect and preserve the public health and safety of District customers and property.

FISCAL IMPACT:

This enactment supports the District's potential recovery of costs associated with the COVID-19 pandemic.

RECOMMENDATION:

It is recommended the Board of Directors adopt Resolution No. ____, Resolution of the Board of Directors of the Vallecitos Water District Proclaiming Existence of a Local Emergency.

ATTACHMENT:

Resolution No. ____, Resolution of the Board of Directors of the Vallecitos Water District Proclaiming Existence of a Local Emergency.

RESOLUTION NO.

RESOLUTION OF THE BOARD OF DIRECTORS OF THE VALLECITOS WATER DISTRICT PROCLAIMING EXISTENCE OF A LOCAL EMERGENCY

WHEREAS, in December 2019, an outbreak of respiratory illness due to a novel coronavirus (a disease now known as COVID-19), was first identified in Wuhan City, Hubei Province, China, and has spread outside of China, impacting many countries, including the United States; and

WHEREAS, the Vallecitos Water District (“District”) is monitoring and implementing the actions of San Diego County and the State of California, which have been working in close collaboration with the national Centers for Disease Control and Prevention (CDC), with the United States Department of Health & Human Services, and with local health departments since December 2019 to monitor and plan for the potential spread of COVID-19 to the United States; and

WHEREAS, on January 23, 2020, the CDC activated its Emergency Response System to provide ongoing support for the response to COVID-19 across the country; and

WHEREAS, on January 24, 2020, the California Department of Public Health activated its Medical and Health Coordination Center and on March 2, 2020, the Office of Emergency Services activated the State Operations Center to support and guide state and local actions to preserve public health; and

WHEREAS, on February 14, 2020, the County of San Diego proclaimed a local emergency and the San Diego County Health Officer declared a local health emergency regarding COVID-19; and

WHEREAS, on March 4, 2020, the Governor of the State of California issued a Proclamation of Emergency, declaring an emergency based on the spread of COVID-19 and increasing instances in California;

WHEREAS, on March 10, 2020, the District activated its Emergency Operations and Business Continuity Plans, setting forth actions taken for COVID-19 preparedness and response; and

WHEREAS, on March 11, 2020, the World Health Organization declared COVID-19 to be a pandemic; and

WHEREAS, on March 18, 2020, the President of the United States of America declared a national emergency to address COVID-19 and on March 22, 2020, the President approved Major Disaster Declaration FEMA-4482-DR-CA (DR-4482) for the COVID-19 Pandemic; and

WHEREAS, under Government Code section 8634, the District, as a political subdivision, is authorized to promulgate orders and regulations necessary to provide for the protection of life and property; and

WHEREAS, the District Board of Directors has the authority to proclaim a local emergency and take actions as set forth in this Resolution; and

WHEREAS, as covered under the California Emergency Services Act, the Board desires to authorize any actions that the District may take to ensure the continuation of critical services to protect the safety of customers and to provide for immunities that will protect the District for actions taken; and

WHEREAS, this proclamation authorizes the undertaking of powers and invoking and disseminating emergency orders (e.g., emergency orders, emergency spending authorities, emergency or pre-established contracting, order necessary Personal Protective Equipment, recovery, etc.) and regulations necessary to provide for the protection of life, property, and the environment; and

WHEREAS, this proclamation establishes that: (1) an emergency exists; (2) the Emergency Services Act applies; and (3) the California Master Mutual Aid Agreement and any local agreements will be utilized to provide mutual aid if mutual aid of in-county resources is needed to assist the District; and

WHEREAS, this proclamation establishes that an emergency exists, and if out-of-county assistance is needed, requests for mutual aid should follow procedures set forth by the Standardized Emergency Management System (“SEMS”) and the Governor’s Office of Emergency Services (“CalOES”), including obtaining mission numbers through the County of San Diego Emergency Management Department from CalOES for responding agencies. This is particularly important for possible reimbursement of extraordinary expenses in the event of a proclaimed “State of Emergency” or in the event of a presidential declaration of disaster when state or federal disaster relief funds become available; and

WHEREAS, the District’s ability to mobilize local resources, coordinate interagency response, accelerate procurement of vital supplies, use mutual aid, and seek future reimbursement by State and Federal governments will be critical to successfully responding to COVID-19; and

WHEREAS, these conditions warrant and necessitate that the District proclaim the existence of a local emergency.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Vallecitos District as follows:

1. That the Board of Directors of the Vallecitos Water District hereby proclaims the existence of a local emergency and directs District staff to take the necessary steps for the protection of life, health and safety.

2. That during the existence of said local emergency, the powers, functions, and duties of the District shall be those prescribed by state law and by ordinances and resolutions of the District Board.

3. That the District's General Manager is hereby authorized to furnish information, to promulgate orders and regulations necessary to provide for the protection of life and property pursuant to California Government Code section 8634, to enter into agreements and to take all actions necessary to obtain State emergency assistance to implement preventive measures.

4. That the District's General Manager is hereby authorized to take any and all action which may be necessary to apply for and obtain funding and reimbursement from the applicable Federal and State agencies. Such authority includes, but is not limited to, the drafting, execution and submission of applications and other documents. It is the intent of the District to be reimbursed amounts which have been and will be expended with respect to the actions ratified and authorized under this Resolution.

5. That, as determined in the District General Manager's reasonable discretion, all departments of the District shall review and revise their department emergency and contingency plans to address the risks COVID-19 poses to their critical functions.

6. That all District departments shall track costs for staffing, supplies, and equipment related to COVID-19 preparation and prevention and forward that information to the District's finance department and complete an Initial Damage Estimate (IDE) Category B, and forward that information to the San Diego County Emergency Management Department ("EMD").

7. That, as determined in the District General Manager's reasonable discretion, the District's internal departments shall coordinate District planning, preparedness and response efforts regarding COVID-19 with the San Diego County EMD.

8. If any section, subsection, clause or phrase in this Resolution is for any reason held invalid, the validity of the remainder of this Resolution shall not be affected thereby. The Board hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases or the application thereof be held invalid.

9. That this Resolution shall take effect immediately.

10. That the recitals set forth above are incorporated herein and made an operative part of this Resolution.

11. That said local emergency shall be deemed to continue to exist until, the earlier of, its termination is proclaimed by the Board of Directors or both the Federal Declaration of National Emergency is terminated by the President and the Local Emergency is terminated by the County of San Diego Board of Supervisors.

12. That a copy of this Resolution be forwarded to the Director of California Governor’s Office of Emergency Services requesting that the Director find it acceptable in accordance with State law; that the Governor waive regulations that may hinder response and recovery efforts; that recovery assistance be made available under the California Disaster Assistance Act; and that the State expedite access to State and Federal resources and any other appropriate federal disaster relief programs.

PASSED, APPROVED, and ADOPTED, by the Board of Directors of the Vallecitos Water District, on this _____ day of _____, 2020.

Said Resolution was adopted, on a roll call, by the following vote:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

I hereby certify that the foregoing is a true and correct copy of Resolution No. ___ adopted by the Board of Directors of Vallecitos Water District at its meeting held on May 6, 2020.

ATTEST:

Betty Evans, President
Board of Directors
Vallecitos Water District

Glenn Pruum, Secretary
Board of Directors
Vallecitos Water District

DATE: MAY 6, 2020
TO: BOARD OF DIRECTORS
SUBJECT: COVID-19 PANDEMIC RESPONSE AND COST RECOVERY

BACKGROUND:

While the District is still actively responding to the COVID-19 Pandemic, there are cost recovery filing deadlines approaching. To receive cost reimbursement from the Federal Emergency Management Agency (“FEMA”) and State of California, the District must adopt the State of California, Office of Emergency Services (CalOES), Form 130, Designation of Applicant’s Agent Resolution for Non-State Agencies (“Form 130”) and submit Form 130 to CalOES.

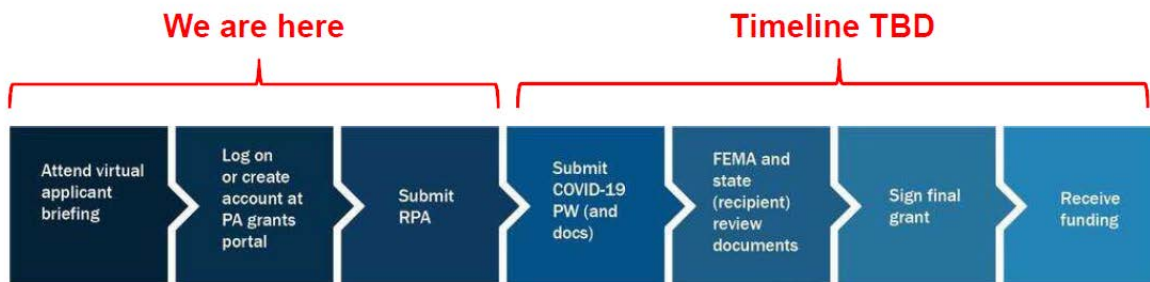
DISCUSSION:

The potential reimbursement for the District’s costs incurred as a result of responding to the COVID-19 Pandemic may be found in FEMA’s Public Assistance (PA) Program. The PA Program is authorized by the Robert T. Stafford Disaster Relief and Emergency Assistance Act (the “Stafford Act”). The Stafford Act enables the President to provide federal assistance when the magnitude of an incident or threatened incident exceeds the affected State, Territorial, Tribal, and local government capabilities to respond or recover. The PA Program is FEMA’s largest grant program and has provided over 5 Billion dollars in relief since 2017.

Specifically, eligible emergency measures taken to respond to the COVID-19 pandemic at the direction of guidance of public health officials may be reimbursed under Category B of the FEMA’s PA Program. As part of applying for reimbursement, the District must submit a Request for Public Assistance (“RPA”) to CalOES.

Further, CalOES requires that non-state agencies such as the District submit Form 130 every three years. Form 130 documents the Board of Director’s authorization of an agent to act on behalf of the District for purposes of receiving disaster assistance from state and federal agencies, including FEMA. Approving Form 130 now will enable the District to efficiently apply for and request PA as the need arises. Form 130 will be applicable to the COVID-19 emergency, as well as any other disaster over the next three years. Staff is proposing that the Board of Directors designate the Finance Manager, Risk Management Supervisor, and Administrative Services Manager as the District’s authorized agents. If the District qualifies for reimbursement of costs, Form 130 must be on file with CalOES before actual reimbursement of funds.

Figure: Overview of FEMA Cost Reimbursement using the Public Assistance Program



COVID 19 Disaster Declaration Milestones (2020)	
Date	Event Description
January 20	Date at which costs related to the Major Disaster Declaration may begin to be accrued (FEMA-4482-DR-CA)
January 25	First confirmed COVID-19 case in California
March 4	Governor Newsom declares a state of emergency for California
March 6	Phase I COVID-19 legislative package (H.R. 6074)
March 13	President declares a national emergency, frees up extra federal funding
March 18	Phase II COVID-19 legislative package (H.R. 6201) signed into law
March 22	The President approved Major Declaration FEMA-4482-DR-CA (DR-4482) for the COVID-19 Pandemic.
March 27	Congress approved the CARES Act, \$2.2 trillion relief package.

FISCAL IMPACT:

No. There is no fiscal impact if the form is completed and certified.

RECOMMENDATION:

It is recommended the Board of Directors adopt Resolution No. ____, Designation of Applicant's Agent Resolution for Non-State Agencies and designate the Finance Manager, Risk Management Supervisor, and Administrative Services Manager, as the District's authorized agents.

ATTACHMENTS:

1. Resolution No. ____, Designation of Applicant's Agent Resolution for Non-State Agencies.
2. State of California, Office of Emergency Services (CalOES), Form 130

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE VALLECITOS
WATER DISTRICT
APPROVING THE DESIGNATION OF APPLICANT'S RESOLUTION FOR NON-
STATE AGENCIES**

WHEREAS, in December 2019, an outbreak of respiratory illness due to a novel coronavirus (a disease now known as COVID-19), was first identified in Wuhan City, Hubei Province, China, and has spread outside of China, impacting many countries, including the United States; and

WHEREAS, the Vallecitos Water District is monitoring and implementing the actions of San Diego County and the State of California, which have been working in close collaboration with the national Centers for Disease Control and Prevention (CDC), with the United States Department of Health & Human Services, and with local health departments since December 2019 to monitor and plan for the potential spread of COVID-19 to the United States; and

WHEREAS, on January 23, 2020, the CDC activated its Emergency Response System to provide ongoing support for the response to COVID-19 across the country; and

WHEREAS on January 24, 2020, the California Department of Public Health activated its Medical and Health Coordination Center and on March 2, 2020, the Office of Emergency Services activated the State Operations Center to support and guide state and local actions to preserve public health; and

WHEREAS on February 14, 2020, the County of San Diego proclaimed a local emergency and the San Diego County Health Officer declared a local health emergency regarding COVID-19; and

WHEREAS, on March 4, 2020, the Governor of the State of California issued a Proclamation of Emergency, declaring an emergency based on the spread of COVID-19 and increasing instances in California;

WHEREAS, on March 10, 2020, the Vallecitos Water District activated its Emergency Operations and Business Continuity Plans, setting forth actions taken for COVID-19 preparedness and response; and

WHEREAS, on March 11, 2020, the World Health Organization declared COVID-19 to be a pandemic; and

WHEREAS, on March 18, 2020, the President of the United States of America declared a national emergency to address COVID-19 and on March 22, 2020, the President approved Major Disaster Declaration FEMA-4482-DR-CA (DR-4482) for the COVID-19 Pandemic; and

WHEREAS, a public entity established under the laws of the State of California, in accordance with section 502 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act AND Public Law 93-288, may be eligible for reimbursement by FEMA for emergency protective measures taken to respond to the COVID-19 emergency at the direction or guidance of public health officials under Category B – Emergency Protective Measures of FEMA’s Public Assistance Program; and

WHEREAS, to be eligible for reimbursement of emergency protective measures from FEMA and the California’s Office of Emergency Services (“CalOES”), the Board of Directors must authorize agents to act on behalf of the District for purposes of receiving disaster assistance from CalOES and FEMA and submit CalOES Form 130, Designation of Applicant’s Agent Resolution for Non-State Agencies to CalOES.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Vallecitos Water District, a public entity established under the laws of the State of California, **HEREBY AUTHORIZE THE FOLLOWING** agents to provide to the Governor’s Office of Emergency Services for all matters pertaining to such state and/or federal disaster assistance documents, assurances and agreements required and hereby approves the Designation of Applicant’s Agent Resolution for Non-State Agencies (CalOES Form 130):

1. Finance Manager
2. Risk Management Supervisor
3. Administrative Services Manager

Said Resolution was adopted, on a roll call, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

I hereby certify that the foregoing is a true and correct copy of Resolution No.____adopted by the Board of Directors of the Vallecitos Water District at its meeting held on_____.

Glenn Pruum
General Manager and Board Secretary
Vallecitos Water District

**DESIGNATION OF APPLICANT'S AGENT RESOLUTION
FOR NON-STATE AGENCIES**

BE IT RESOLVED BY THE _____ OF THE _____
(Governing Body) (Name of Applicant)

THAT _____, OR
(Title of Authorized Agent)

_____, OR
(Title of Authorized Agent)

(Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the _____, a public entity
(Name of Applicant)
established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Services for the purpose of obtaining certain federal financial assistance under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

THAT the _____, a public entity established under the laws of the State of California,
(Name of Applicant)
hereby authorizes its agent(s) to provide to the Governor's Office of Emergency Services for all matters pertaining to such state disaster assistance the assurances and agreements required.

Please check the appropriate box below:

- This is a universal resolution and is effective for all open and future disasters up to three (3) years following the date of approval below.
- This is a disaster specific resolution and is effective for only disaster number(s) _____

Passed and approved this _____ day of _____, 20 _____

(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

CERTIFICATION

I, _____, duly appointed and _____ of
(Name) (Title)

_____, do hereby certify that the above is a true and correct copy of a
(Name of Applicant)

Resolution passed and approved by the _____ of the _____
(Governing Body) (Name of Applicant)

on the _____ day of _____, 20 20

(Signature)

(Title)

Cal OES Form 130 Instructions

A Designation of Applicant's Agent Resolution for Non-State Agencies is required of all Applicants to be eligible to receive funding. A new resolution must be submitted if a previously submitted Resolution is older than three (3) years from the last date of approval, is invalid or has not been submitted.

When completing the Cal OES Form 130, Applicants should fill in the blanks on page 1. The blanks are to be filled in as follows:

Resolution Section:

Governing Body: This is the group responsible for appointing and approving the Authorized Agents.
Examples include: Board of Directors, City Council, Board of Supervisors, Board of Education, etc.

Name of Applicant: The public entity established under the laws of the State of California. Examples include: School District, Office of Education, City, County or Non-profit agency that has applied for the grant, such as: City of San Diego, Sacramento County, Burbank Unified School District, Napa County Office of Education, University Southern California.

Authorized Agent: These are the individuals that are authorized by the Governing Body to engage with the Federal Emergency Management Agency and the Governor's Office of Emergency Services regarding grants applied for by the Applicant. There are two ways of completing this section:

1. **Titles Only:** If the Governing Body so chooses, the titles of the Authorized Agents would be entered here, not their names. This allows the document to remain valid (for 3 years) if an Authorized Agent leaves the position and is replaced by another individual in the same title. If "Titles Only" is the chosen method, this document must be accompanied by a cover letter naming the Authorized Agents by name and title. This cover letter can be completed by any authorized person within the agency and does not require the Governing Body's signature.
2. **Names and Titles:** If the Governing Body so chooses, the names **and** titles of the Authorized Agents would be listed. A new Cal OES Form 130 will be required if any of the Authorized Agents are replaced, leave the position listed on the document or their title changes.

Governing Body Representative: These are the names and titles of the approving Board Members.
Examples include: Chairman of the Board, Director, Superintendent, etc. The names and titles **cannot** be one of the designated Authorized Agents, and a minimum of two or more approving board members need to be listed.

Certification Section:

Name and Title: This is the individual that was in attendance and recorded the Resolution creation and approval.
Examples include: City Clerk, Secretary to the Board of Directors, County Clerk, etc. This person **cannot** be one of the designated Authorized Agents or Approving Board Member (if a person holds two positions such as City Manager and Secretary to the Board and the City Manager is to be listed as an Authorized Agent, then the same person holding the Secretary position would sign the document as Secretary to the Board (not City Manager) to eliminate "Self Certification.")

DATE: MAY 6, 2020
TO: BOARD OF DIRECTORS
SUBJECT: ADOPTION OF RESOLUTION OF THE BOARD OF DIRECTORS OF THE VALLECITOS WATER DISTRICT APPROVING ENCINA WASTEWATER AUTHORITY'S FISCAL YEAR 2021 OPERATING AND CAPITAL IMPROVEMENT BUDGET

BACKGROUND:

The Vallecitos Water District is a party to the Encina Joint Powers Basic Agreement entered into on July 13, 1961, for the acquisition, construction, ownership, operation, and maintenance of the Encina Joint Sewer System. The Encina Basic Agreement requires unanimous approval of the Encina Wastewater Authority (EWA) budget by member agencies prior to the budget becoming effective. The EWA Board will be considering final budget adoption at its meeting scheduled for July 22, 2020.

DISCUSSION:

On March 5, 2019, the Policy Development Workshop of Encina Wastewater Authority met and obtained clear policy direction to pay off the entire CalPERS pension liability over the next three years. Based on the guidance received, the CalPERS Pension Funding Policy was developed and has been incorporated into the Proposed Budget for FY 2021.

Attached for the Board's information are excerpts from the final EWA recommended budget. The fiscal year ending 2021 budgets of EWA, as unanimously approved by the EWA Board of Directors and the Joint Advisory Committee at their meetings on April 22, 2020, are \$4.1 million for the total CalPERS pension funding policy budget, \$24.2 million for the total capital budget, and \$18.2 million for the total net operating budget. The full budget document is available for review at the District office and online at www.encinajpa.com.

The proposed Encina Wastewater Authority CalPERS Pension Funding, Operating, and Capital Program Budgets total approximately \$46.6 million and are summarized below:

	Actual FY2019	Budget FY2020	Proposed	% Change
CalPERS Pension Funding Policy	\$ -	\$ 4,096,100	\$ 4,096,100	0%
Operating Program	\$16,165,888	\$17,225,483	\$ 18,211,359	7.8%
Capital Program	\$16,171,570	\$22,490,576	\$ 24,249,023	1.7%
Combined Program Budgets	\$31,988,745	\$43,812,159	\$ 46,556,482	6.3%

The amounts shown in the table above are for the entire EWA budget. Vallecitos Water District's share of the EWA budget is depending upon the demands placed on EWA

facilities and the ownership percentage currently held by the District. Based on those factors, Vallecitos' share of the Proposed 2021 CalPERS Pension Funding Policy is \$788,954 which is the same as the FY 2020 CalPERS Pension Funding Policy budget. Vallecitos' share of the Proposed 2021 Operating budget is \$3,045,352, which is \$320,050 (11.7%) more than the FY 2020 Operating budget. Vallecitos' share of the Proposed 2021 Capital budget is \$4,660,409 which is \$1,027,310 (18.1%) less than the amount that had been projected for FY 2021 in the FY 2020 Capital budget.

FISCAL IMPACT:

Vallecitos' share of EWA's CalPERS Pension Funding Policy, Operating, and Capital Budgets have been incorporated into the District's proposed budget, which is anticipated to be considered on June 3, 2020.

RECOMMENDATION:

Staff recommends the Board of Directors of the Vallecitos Water District review and adopt a Resolution approving the Encina Wastewater Authority's Fiscal Year 2021 recommended CalPERS Pension Funding Policy, Operating and Capital Improvement Budgets.

ATTACHMENTS:

1. Encina Wastewater Authority FY 2021 Recommended Budget including Letter of Transmittal and CalPERS Pension Liability Funding Policy – Policy Brief
2. Resolution

RESOLUTION NO.

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE VALLECITOS WATER DISTRICT
APPROVING THE FISCAL YEAR ENDING IN 2021 BUDGETS
OF THE ENCINA WASTEWATER AUTHORITY
IN ACCORDANCE WITH THE JOINT POWERS BASIC AGREEMENT**

WHEREAS, the Vallecitos Water District is a party to the Encina Joint Powers Basic agreement entered into on July 13, 1961, for the acquisition, construction, ownership, operation, and maintenance of the Encina Joint Sewer System; and

WHEREAS, the Encina Basic Agreement requires approval of the budget of the Encina Wastewater Authority (EWA) by the member agencies following the recommendation of the Joint Advisory Committee (JAC); and

WHEREAS, the JAC thereafter approved the Fiscal Year 2021 budget of the EWA on April 22, 2020; and

WHEREAS, the Board of Directors of the Vallecitos Water District desires to approve said budget and provide for payment of its share of such expenses in accordance with the allocation provided in the Basic Agreement as modified;

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Vallecitos Water District as follows:

SECTION 1: The fiscal year ending in 2021 CalPERS pension funding policy of the EWA, as approved by the JAC on April 22, 2020, in the amount of \$4,096,000 is hereby approved.

SECTION 2: The fiscal year ending in 2021 capital budget of the EWA, as approved by the JAC on April 22, 2020, in the amount of \$24,249,023 is hereby approved.

SECTION 3: The fiscal year ending in 2021 operating revenue and expense budget of the EWA, as approved by the JAC on April 22, 2020, in the amount of \$18,211,359 is hereby approved.

SECTION 4: The Vallecitos Water District General Manager is hereby authorized to make payments on behalf of this agency to EWA in accordance with the budget, as approved by the JAC, and in accordance with the Encina Basic Agreement.

SECTION 5: A certified copy of this resolution shall be forwarded to EWA immediately upon its approval.

PASSED, APPROVED AND ADOPTED by the Board of Directors of the Vallecitos Water District at a regular meeting held on the 6th day of May, 2020, by the following roll call vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Betty Evans, President
Board of Directors
Vallecitos Water District

Glenn Pruum, Secretary
Board of Directors
Vallecitos Water District



ENCINA
WASTEWATER
AUTHORITY

**RECOMMENDED
OPERATING & CAPITAL BUDGET
FISCAL YEAR 2021**

6200 Avenida Encinas, Carlsbad, CA 92011

(760) 438-3941

www.ENCINAJPA.com



MISSION STATEMENT

AS AN ENVIRONMENTAL LEADER, EWA
PROVIDES RELIABLE AND FISCALLY
RESPONSIBLE WASTEWATER SERVICES
TO THE COMMUNITIES WE SERVE
WHILE OPTIMIZING THE USE OF
RENEWABLE RESOURCES.

PROUDLY SERVING

CITY OF CARLSBAD
CITY OF VISTA
CITY OF ENCINITAS
VALLECITOS WATER DISTRICT
BUENA SANITATION DISTRICT
LEUCADIA WASTEWATER DISTRICT

ENCINA WASTEWATER AUTHORITY

FY2021 RECOMMENDED OPERATING & CAPITAL BUDGETS

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Date: April 22, 2020
 To: Honorable Chair and Members of the Board of Directors
 Encina Joint Advisory Committee
 Boards and Councils of the Encina Member Agencies
 From: Michael Steinlicht, General Manager
 Subject: Transmittal of FY2021 Recommended Pension Policy, Operating & Capital Budgets

This letter transmits the Encina Wastewater Authority’s (EWA) Recommended Fiscal Year 2021 Pension Policy, Operating and Capital Budgets. In conformance with the Revised Basic Agreement for Ownership, Operation and Maintenance of the Encina Joint Sewage System, this Recommended Budget estimates both the amount of money required to operate, maintain and administer the Joint System during Fiscal Year 2021; and, the proportionate amount to be paid by each Member Agency.

The Recommended FY2021 Pension Policy, Operating and Capital Budgets combined total \$46.5M and is summarized below:

Operating Program	Budget FY2020	Recommended FY2021	FY 2020 vs FY 2021 % Change
Encina Water Pollution Control Facility	\$ 37,968,324	\$ 38,082,567	0.3%
Environmental Compliance – Source Control	\$ 1,177,299	\$ 1,213,334	3.1%
Agua Hedionda Pump Station	\$ 737,170	\$ 999,442	35.6%
Buena Vista Pump Station	\$ 987,424	\$ 1,015,354	2.8%
Buena Creek Pump Station	\$ 687,856	\$ 805,080	17.0%
Carlsbad Water Recycling Facility	\$ 1,829,887	\$ 3,975,465	117.3%
Raceway Basin Pump Station	\$ 424,199	\$ 465,240	9.7%
Total Operating Budget	\$ 43,812,159	\$ 46,556,482	6.3%

PENSION POLICY OVERVIEW

The Pension Policy was developed and approved with the guidance and collaboration of EWA’s Board of Directors and Member Agencies. This policy strives to pay off the pension liability over a three-year term and FY2021 continues as Year 2 of this effort. The Funding Policy pays down approximately \$4.1M annually towards the CalPERS Pension Liability from the following programs summarized below:

CalPERS Pension Funding Policy	Budget FY2020	Recommended FY2021	FY 2020 vs FY 2021 % Change
Encina Water Pollution Control Facility – Operations	\$ 2,550,374	\$ 2,550,374	0%
Encina Water Pollution Control Facility – Capital	\$ 779,099	\$ 779,099	0%
Environmental Compliance – Source Control	\$ 246,827	\$ 246,827	0%
Agua Hedionda Pump Station	\$ 70,681	\$ 70,681	0%
Buena Vista Pump Station	\$ 74,547	\$ 74,547	0%
Buena Creek Pump Station	\$ 69,638	\$ 69,638	0%
Carlsbad Water Recycling Facility	\$ 256,601	\$ 256,601	0%
Raceway Basin Pump Station	\$ 48,333	\$ 48,333	0%
Total CalPERS Pension Funding Policy	\$ 4,096,100	\$ 4,096,100	0%

OPERATING BUDGET OVERVIEW

The Recommended FY2021 Operating Budget is comprised of seven (7) operational programs that provide services to the Encina Member Agencies. Each operational program includes direct personnel and non-personnel expenses and related internal service fund (ISF) charges. The Recommended FY2021 Budget reflects management’s strategies and objectives to ensure continued achievement within each of the six (6) Business Principles identified in the Five-Year Strategic Business Plan: Protect Public Health and the Environment; Pursue Waste Resource Recovery Opportunities; Conduct Sound Planning and Invest Appropriately; Remain Efficient, Fiscally Responsible, and Innovative; Provide Meaningful Transparency; and Deliver Exceptional Member Agency Service.

The Recommended FY2021 Operating Budget totals approximately \$18.2 million for the seven (7) operational programs summarized on the following page:

Operating Program	Actual FY2019	Budget FY2020	Recommended FY2021	FY 2020 vs FY 2021 % Change
Encina Water Pollution Control Facility	\$ 12,457,968	\$ 13,623,775	\$ 14,642,571	7.5%
Environmental Compliance – Source Control	\$ 770,842	\$ 930,472	\$ 966,507	3.9%
Agua Hedionda Pump Station	\$ 672,563	\$ 558,489	\$ 825,761	47.9%
Buena Vista Pump Station	\$ 579,628	\$ 636,877	\$ 659,807	3.6%
Buena Creek Pump Station	\$ 367,226	\$ 412,218	\$ 426,442	3.5%
Carlsbad Water Recycling Facility	\$ 1,107,356	\$ 1,370,486	\$ 1,392,864	1.6%
Raceway Basin Pump Station	\$ 210,305	\$ 248,366	\$ 259,407	4.4%
Sub-Total: Expenses	\$ 16,165,888	\$ 17,780,683	\$ 19,173,359	7.8%
Estimated Other Operating Revenue	\$ -	\$ (555,200)	\$ (962,000)	73.3%
Total Operating Budget	\$ 16,165,888	\$ 17,225,483	\$ 18,211,359	5.7%

The FY2021 Operating Budget reflects EWA’s continuing commitment to provide sustainable and fiscally responsible wastewater services to the communities it serves while maximizing the use of alternative and renewable resources. The Recommended FY2021 EWPCF Operating Budget includes \$250,000 in contingency funding to help each of the Member Agencies make sufficient appropriations for their share of EWA expenditures as part of their annual budgeting processes.

CAPITAL BUDGET OVERVIEW

The Recommended FY2021 Capital Budget totals approximately \$24.2 million for the following EWA capital programs summarized below:

Capital Program	Actual FY2019	Budget FY2020	Recommended FY2021	FY 2020 vs FY 2021 % Change
EWPCF – Capital Improvements	\$ 12,083,626	\$ 17,594,480	\$ 16,921,000	-3.8%
EWPCF – Planned Asset Rehabilitation	\$ 772,090	\$ 969,600	\$ 989,500	2.1%
EWPCF – Capital Acquisitions	\$ 410,240	\$ 341,100	\$ 346,700	1.6%
Remotes Facilities – Acquisitions & Rehabilitation	\$ 488,305	\$ 920,300	\$ 3,176,500	245.2%
Allocated Personnel Expenses	\$ 2,417,309	\$ 2,665,096	\$ 2,815,323	5.6%
Total Capital Budget	\$ 16,171,570	\$ 22,490,576	\$ 24,249,023	7.8%

Improvement Projects are planned, scoped, and prioritized through the Comprehensive Asset Management Program (CAMP). The most recent CAMP was published in February 2019 and will continue to be updated biannually. It considers anticipated changes in regulatory requirements, prospective operational efficiencies, funding availability and other factors.

The Recommended FY2021 Capital Budget includes approximately \$2.8 million in funding for 13.21 full-time equivalent (FTE) positions. These positions include full and part-time efforts of EWA executives, professionals, managers, and technical staff who plan, direct, and support EWA's Capital Program.

Significant Capital Improvement Projects recommended for FY2021 funding include: Primary Area Improvements (\$6.4M); Cogen Wall Repair (\$1.0M); and the Network Improvements Project (\$0.9M).

EWPCF – Planned Asset Rehabilitation and Replacement (PARR) reflects minor plant rehabilitation efforts undertaken by EWA staff to maintain the \$514 million worth of Joint System assets. Recommended PARR Projects total approximately \$1.0M. Recommended EWPCF – Capital Acquisitions total \$0.3M and reflect appropriate investment in minor infrastructure, equipment. Recommended Remote Facilities – Acquisitions and Rehabilitation total \$3.2M and reflect appropriate investment in remote facility improvements.

Please join me in recognizing the staff whose efforts produced this document. Joseph Spence, Assistant to the General Manager, led staff efforts in the preparation and development of the FY2021 Recommended Budget with assistance from LeeAnn Warchol, Administrative Services Manager, and third-party quality control review by Financial Management Consultant, Daniel Langlois. The Executive Leadership Team coordinated the budget development processes within their respective departments. Assistant General Manager, Scott McClelland, made certain our constantly developing ideas were presented clearly, consistently and accurately.

Respectfully Submitted,

A handwritten signature in black ink that reads "Michael Steinlicht". The signature is written in a cursive, slightly slanted style.

Michael Steinlicht
General Manager

Policy Brief

Date: April 22, 2020

To: Honorable Chair and Members of the Board of Directors
Encina Joint Advisory Committee
Boards and Councils of the Encina Member Agencies

From: Michael Steinlicht, General Manager

Subject: CalPERS Pension Liability Funding Policy – Year 2

Managing the CalPERS pension liability is one of EWA’s most significant financial challenges and was therefore established as one of the organization’s key strategic initiatives to address. On March 5, 2019, staff held the 2019 Policy Development Workshop and obtained clear policy direction on how to manage the pension liability over the next few years. At that time, EWA’s actuarial valuation report, dated June 30, 2017, reflected EWA’s pension liability being \$13.5M. Staff was instructed to pay off the entire pension liability over the next three years which may save the EWA \$10.7M in interest. Based on the guidance and concerns received from the Board of Directors, EWA established the following pension funding policy framework:

- 1) Strive to have the pension liability paid off at the end of three years (final payment around June 2022). For simplicity, we needed to assume the underlying assumptions of the \$13.5M won’t materially change during that time frame and assume a constant 7.0% interest rate being charged.
- 2) Maintain flexibility and control with the funding strategy, not locking into any formal arrangement with CalPERS.
- 3) Mitigate some investment market timing risk by paying into the pension monthly or quarterly over the three-year term, thereby dollar cost averaging over the three years-worth of market fluctuations.
- 4) Avoid over paying, or becoming super-funded, by reassessing the final year’s payment as necessary.
- 5) Report back to the Policy & Finance Committee and Board of Directors on pension funding status on a regular basis.

Since implementing the funding policy, EWA’s latest actuarial report, dated June 30, 2018, reflects EWA’s liability has grown to \$14.3M. This was the result of the discount rate adjusting from 7.25% down to 7.00% and was in response to CalPERS needing to reflect a reduced outlook of future investment returns. EWA has been paying down the liability as planned throughout FY 2020 but this will not be reflected in the actuarial reports for another two years. Only then will staff be able to better assess the actual results and savings generated from the funding policy. In the meantime, staff believes EWA should stay the course and continue with the original funding plan.

Below illustrates the fiscal impact of the funding policy as originally adopted and has been incorporated into the Recommended FY 2021 and 2022 Budgets:

	Three Years to 100% Funded			Total
	FY 2020 Year 1	FY 2021 Year 2	FY 2022 Year 3	
Funding Policy				
City of Carlsbad	\$ 1,210,106	\$ 1,210,106	\$ 1,210,106	\$ 3,630,318
City of Vista	\$ 1,016,600	\$ 1,016,600	\$ 1,016,600	\$ 3,049,800
Buena Sanitation District	\$ 367,994	\$ 367,994	\$ 367,994	\$ 1,103,982
Vallecitos Water District	\$ 788,954	\$ 788,954	\$ 788,954	\$ 2,366,862
Leucadia Wastewater District	\$ 547,626	\$ 547,626	\$ 547,626	\$ 1,642,878
City of Encinitas	\$ 164,820	\$ 164,820	\$ 164,820	\$ 494,460
Total Funding Policy	\$ 4,096,100	\$ 4,096,100	\$ 4,096,100	\$ 12,288,300
Normal Operations / Minimum Required	\$ 870,900	\$ 870,900	\$ 870,900	\$ 2,612,700
Pension Liability Payment	\$ 4,967,000	\$ 4,967,000	\$ 4,967,000	\$ 14,901,000

OPERATING BUDGET: REVENUE *and* EXPENSE SUMMARY

Revenue Summary

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
City of Carlsbad	\$ 4,905,116	\$ 5,472,462	\$ 5,161,081	\$ 5,538,836	\$ 66,374	1.2%
City of Vista	\$ 4,464,106	\$ 4,652,076	\$ 4,705,650	\$ 5,095,483	\$ 443,407	9.5%
Buena Sanitation District	\$ 1,570,663	\$ 1,726,349	\$ 1,705,130	\$ 1,831,393	\$ 105,044	6.1%
Vallecitos Water District	\$ 2,698,767	\$ 2,725,302	\$ 2,863,494	\$ 3,045,352	\$ 320,050	11.7%
Leucadia Wastewater District	\$ 1,903,591	\$ 2,007,116	\$ 1,886,665	\$ 2,021,904	\$ 14,788	0.7%
City of Encinitas	\$ 623,645	\$ 642,178	\$ 635,600	\$ 678,391	\$ 36,213	5.6%
Sub Total	\$ 16,165,888	\$ 17,225,483	\$ 16,957,620	\$ 18,211,359	\$ 985,876	5.7%
Estimated Other Revenue	*	\$ 555,200	\$ 750,780	\$ 962,000	\$ 406,800	73.3%
Total	\$ 16,165,888	\$ 17,780,683	\$ 17,708,400	\$ 19,173,359	\$ 1,392,676	7.8%

*2019 Actual total is net of other revenue

Operating Revenues from Member Agencies by Program

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 12,457,968	\$ 13,068,575	\$ 12,798,042	\$ 13,680,571	\$ 611,996	4.7%
Source Control	\$ 770,842	\$ 930,472	\$ 909,837	\$ 966,507	\$ 36,035	3.9%
Agua Hedionda Pump Station	\$ 672,563	\$ 558,489	\$ 714,298	\$ 825,761	\$ 267,272	47.9%
Buena Vista Pump Station	\$ 579,628	\$ 636,877	\$ 621,594	\$ 659,807	\$ 22,930	3.6%
Buena Creek Pump Station	\$ 367,226	\$ 412,218	\$ 394,256	\$ 426,442	\$ 14,224	3.5%
Carlsbad Water Recycling Facility	\$ 1,107,356	\$ 1,370,486	\$ 1,282,524	\$ 1,392,864	\$ 22,378	1.6%
Raceway Basin Pump Station	\$ 210,305	\$ 248,366	\$ 237,069	\$ 259,407	\$ 11,041	4.4%
Total	\$ 16,165,888	\$ 17,225,483	\$ 16,957,620	\$ 18,211,359	\$ 985,876	5.7%

Operating Budget Expense Summary by Program

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 12,457,968	\$ 13,623,775	\$ 13,548,822	\$ 14,642,571	\$ 1,018,796	7.5%
Source Control	\$ 770,842	\$ 930,472	\$ 909,837	\$ 966,507	\$ 36,035	3.9%
Agua Hedionda Pump Station	\$ 672,563	\$ 558,489	\$ 714,298	\$ 825,761	\$ 267,272	47.9%
Buena Vista Pump Station	\$ 579,628	\$ 636,877	\$ 621,594	\$ 659,807	\$ 22,930	3.6%
Buena Creek Pump Station	\$ 367,226	\$ 412,218	\$ 394,256	\$ 426,442	\$ 14,224	3.5%
Carlsbad Water Recycling Facility	\$ 1,107,356	\$ 1,370,486	\$ 1,282,524	\$ 1,392,864	\$ 22,378	1.6%
Raceway Basin Pump Station	\$ 210,305	\$ 248,366	\$ 237,069	\$ 259,407	\$ 11,041	4.4%
Total	\$ 16,165,888	\$ 17,780,683	\$ 17,708,400	\$ 19,173,359	\$ 1,392,676	7.8%

Combined Operating Budget Expense

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 6,541,326	\$ 6,901,562	\$ 6,895,200	\$ 7,284,268	\$ 382,706	5.5%
Non-Personnel	\$ 4,588,778	\$ 5,449,550	\$ 5,378,850	\$ 6,298,350	\$ 848,800	15.6%
Internal Service Fund	\$ 5,035,784	\$ 5,429,571	\$ 5,434,350	\$ 5,590,741	\$ 161,170	3.0%
Total	\$ 16,165,888	\$ 17,780,683	\$ 17,708,400	\$ 19,173,359	\$ 1,392,676	7.8%

OPERATING BUDGET: EXPENSE SUMMARY

Encina Water Pollution Control Facility

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 4,572,432	\$ 4,800,204	\$ 4,703,800	\$ 4,875,074	\$ 74,870	1.6%
Non-Personnel	\$ 3,365,178	\$ 3,954,750	\$ 3,962,350	\$ 4,783,450	\$ 828,700	21.0%
Internal Service Fund	\$ 4,520,358	\$ 4,868,821	\$ 4,882,672	\$ 4,984,047	\$ 115,226	2.4%
Total	\$ 12,457,968	\$ 13,623,775	\$ 13,548,822	\$ 14,642,571	\$ 1,018,796	7.5%

Environmental Compliance – Source Control

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 592,443	\$ 708,022	\$ 682,600	\$ 738,299	\$ 30,277	4.3%
Non-Personnel	\$ 11,593	\$ 52,000	\$ 43,200	\$ 30,500	\$ (21,500)	-41.3%
Internal Service Fund	\$ 166,806	\$ 170,450	\$ 184,037	\$ 197,708	\$ 27,258	16.0%
Total	\$ 770,842	\$ 930,472	\$ 909,837	\$ 966,507	\$ 36,035	3.9%

Agua Hedionda Pump Station

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 421,694	\$ 279,345	\$ 452,700	\$ 513,125	\$ 233,780	83.7%
Non-Personnel	\$ 210,852	\$ 229,125	\$ 214,500	\$ 247,600	\$ 18,475	8.1%
Internal Service Fund	\$ 40,017	\$ 50,019	\$ 47,098	\$ 65,036	\$ 15,017	30.0%
Total	\$ 672,563	\$ 558,489	\$ 714,298	\$ 825,761	\$ 267,272	47.9%

Buena Vista Pump Station

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 180,000	\$ 206,566	\$ 202,000	\$ 214,790	\$ 8,224	4.0%
Non-Personnel	\$ 352,782	\$ 379,075	\$ 371,350	\$ 395,700	\$ 16,625	4.4%
Internal Service Fund	\$ 46,846	\$ 51,236	\$ 48,244	\$ 49,317	\$ (1,919)	-3.7%
Total	\$ 579,628	\$ 636,877	\$ 621,594	\$ 659,807	\$ 22,930	3.6%

Buena Creek Pump Station

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 172,911	\$ 190,259	\$ 178,500	\$ 197,408	\$ 7,149	3.8%
Non-Personnel	\$ 154,454	\$ 178,250	\$ 174,600	\$ 186,150	\$ 7,900	4.4%
Internal Service Fund	\$ 39,861	\$ 43,709	\$ 41,156	\$ 42,884	\$ (825)	-1.9%
Total	\$ 367,226	\$ 412,218	\$ 394,256	\$ 426,442	\$ 14,224	3.5%

Carlsbad Water Recycling Facility

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 464,202	\$ 562,215	\$ 531,700	\$ 584,485	\$ 22,270	4.0%
Non-Personnel	\$ 449,771	\$ 594,550	\$ 549,450	\$ 588,800	\$ (5,750)	-1.0%
Internal Service Fund	\$ 193,383	\$ 213,721	\$ 201,374	\$ 219,579	\$ 5,858	2.7%
Total	\$ 1,107,356	\$ 1,370,486	\$ 1,282,524	\$ 1,392,864	\$ 22,378	1.6%

Raceway Basin Pump Station

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Personnel	\$ 137,644	\$ 154,951	\$ 143,900	\$ 161,087	\$ 6,136	4.0%
Non-Personnel	\$ 44,148	\$ 61,800	\$ 63,400	\$ 66,150	\$ 4,350	7.0%
Internal Service Fund	\$ 28,513	\$ 31,615	\$ 29,769	\$ 32,170	\$ 555	1.8%
Total	\$ 210,305	\$ 248,366	\$ 237,069	\$ 259,407	\$ 11,041	4.4%

OPERATING BUDGET: REVENUE SUMMARY

City of Carlsbad

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 3,303,695	\$ 3,551,285	\$ 3,350,216	\$ 3,563,090	\$ 11,805	0.3%
Source Control	\$ 225,962	\$ 311,883	\$ 242,978	\$ 259,101	\$ (52,782)	-16.9%
Agua Hedionda Pump Station	\$ 207,822	\$ 172,573	\$ 220,718	\$ 255,160	\$ 82,587	47.9%
Buena Vista Pump Station	\$ 60,281	\$ 66,235	\$ 64,645	\$ 68,621	\$ 2,386	3.6%
Carlsbad Water Recycling Facility	\$ 1,107,356	\$ 1,370,486	\$ 1,282,524	\$ 1,392,864	\$ 22,378	1.6%
Total	\$ 4,905,116	\$ 5,472,462	\$ 5,161,081	\$ 5,538,836	\$ 66,374	1.2%

City of Vista

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 3,020,312	\$ 3,178,793	\$ 3,086,859	\$ 3,321,469	\$ 142,676	4.5%
Source Control	\$ 249,401	\$ 268,359	\$ 331,193	\$ 352,820	\$ 84,461	31.5%
Agua Hedionda Pump Station	\$ 464,741	\$ 385,916	\$ 493,580	\$ 570,601	\$ 184,685	47.9%
Buena Vista Pump Station	\$ 519,347	\$ 570,642	\$ 556,949	\$ 591,186	\$ 20,544	3.6%
Raceway Basin Pump Station	\$ 210,305	\$ 248,366	\$ 237,069	\$ 259,407	\$ 11,041	4.4%
Total	\$ 4,464,106	\$ 4,652,076	\$ 4,705,650	\$ 5,095,483	\$ 443,407	9.5%

Buena Sanitation District

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 1,137,774	\$ 1,223,301	\$ 1,194,235	\$ 1,280,376	\$ 57,075	4.7%
Source Control	\$ 65,663	\$ 90,830	\$ 116,639	\$ 124,575	\$ 33,745	37.2%
Buena Creek Pump Station	\$ 367,226	\$ 412,218	\$ 394,256	\$ 426,442	\$ 14,224	3.5%
Total	\$ 1,570,663	\$ 1,726,349	\$ 1,705,130	\$ 1,831,393	\$ 105,044	6.1%

Vallecitos Water District

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 2,584,515	\$ 2,577,319	\$ 2,724,636	\$ 2,898,319	\$ 321,000	12.5%
Source Control	\$ 114,252	\$ 147,983	\$ 138,858	\$ 147,033	\$ (950)	-0.6%
Total	\$ 2,698,767	\$ 2,725,302	\$ 2,863,494	\$ 3,045,352	\$ 320,050	11.7%

Leucadia Wastewater District

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 1,823,188	\$ 1,923,531	\$ 1,826,255	\$ 1,959,477	\$ 35,946	1.9%
Source Control	\$ 80,403	\$ 83,585	\$ 60,410	\$ 62,427	\$ (21,158)	-25.3%
Total	\$ 1,903,591	\$ 2,007,116	\$ 1,886,665	\$ 2,021,904	\$ 14,788	0.7%

City of Encinitas

	Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	Change	%
Encina Water Pollution Control Facility	\$ 588,484	\$ 614,346	\$ 615,841	\$ 657,840	\$ 43,494	7.1%
Source Control	\$ 35,161	\$ 27,832	\$ 19,759	\$ 20,551	\$ (7,281)	-26.2%
Total	\$ 623,645	\$ 642,178	\$ 635,600	\$ 678,391	\$ 36,213	5.6%

PERSONNEL EXPENSE SUMMARY *by* ACCOUNT

Salaries

	2020 Budget	% of Total	2021 Budget	% of Total	% Change
Regular	\$ 7,748,544		\$ 8,006,451		3.3%
Overtime	\$ 130,000		\$ 170,000		30.8%
Holiday	\$ 95,000		\$ 99,000		4.2%
Temporary & Part-Time Staff	\$ 175,000		\$ 188,000		7.4%
Intern Program	\$ 29,800		\$ 29,800		0.0%
Shift Differential	\$ 39,000		\$ 39,000		0.0%
Incentive Awards	\$ 14,000		\$ 14,500		3.6%
Standby	\$ 2,000		\$ 5,000		150.0%
Subtotal Salaries	\$ 8,233,344	68.4%	\$ 8,551,751	68.3%	3.9%

Benefits

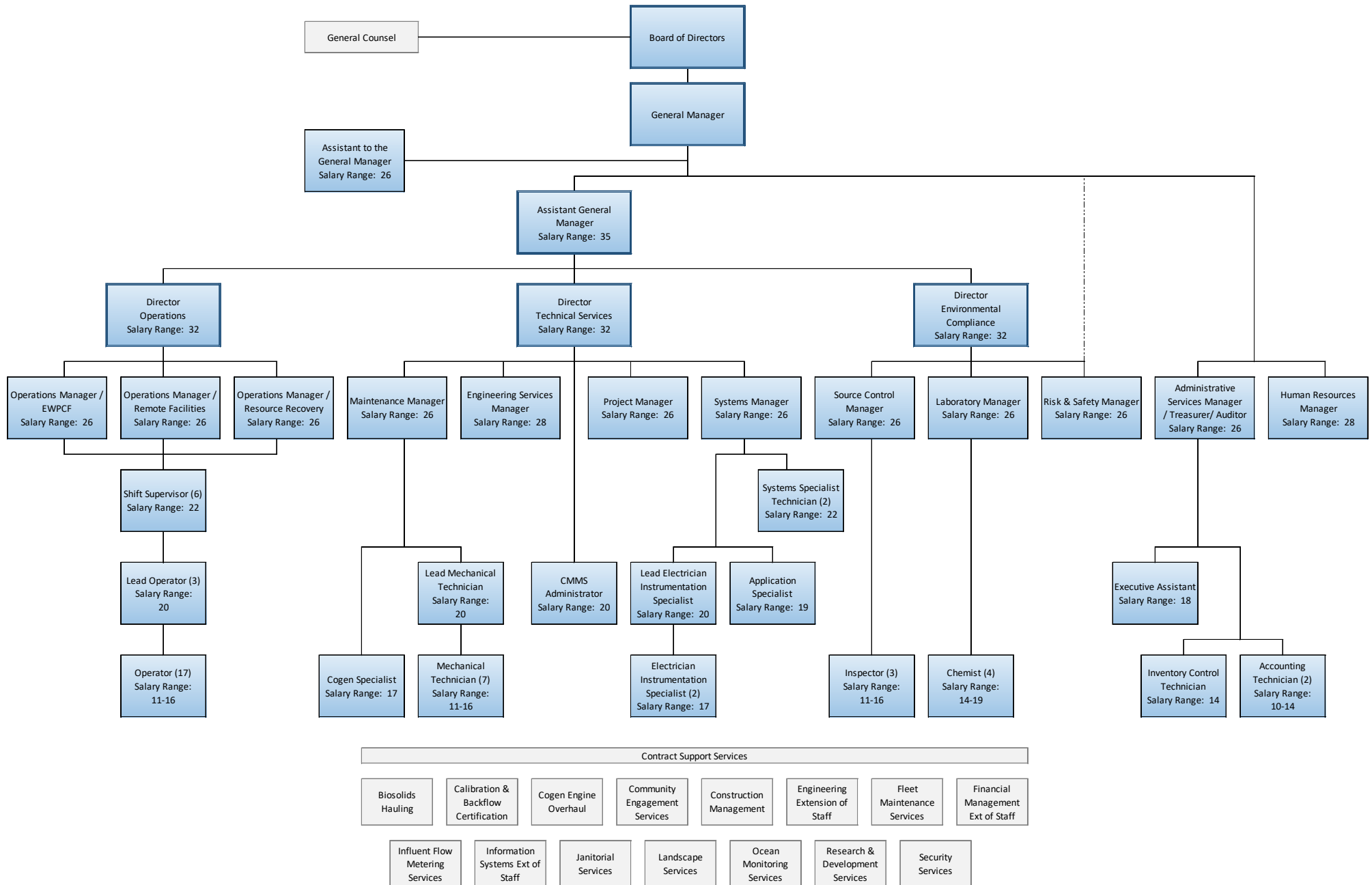
	2020 Budget	% of Total	2021 Budget	% of Total	% Change
CalPERS Retirement Program — Normal Cost	\$ 1,554,716		\$ 1,685,885		8.4%
CalPERS Retirement Unfunded Liability	\$ 870,900		\$ 870,900		0.0%
CalPERS Employee Contribution	\$ (611,946)		\$ (651,556)		6.5%
Other Post-Employment Benefits	\$ 87,061		\$ 51,000		-41.4%
Flexible Benefits 125 Plan	\$ 1,234,645		\$ 1,278,772		3.6%
Deferred Compensation	\$ 293,142		\$ 303,085		3.4%
Medicare	\$ 125,116		\$ 130,195		4.1%
Workers Compensation Insurance	\$ 201,000		\$ 251,000		24.9%
Other Ancillary Benefits	\$ 47,100		\$ 55,000		16.8%
Subtotal Benefits	\$ 3,801,734	31.6%	\$ 3,974,281	31.7%	4.5%
Total Personnel Expense	\$ 12,035,079	100.0%	\$ 12,526,032	100.0%	4.1%

PERSONNEL EXPENSE SUMMARY *by* PROGRAM

Programs

	2020 Budget	2020 Positions	2021 Budget	2021 Positions	% Change
Encina Water Pollution Control Facility	\$ 4,800,204	32.52	\$ 4,875,074	31.47	1.6%
Source Control	\$ 708,022	4.35	\$ 738,299	4.35	4.3%
<i>Agua Hedionda Pump Station</i>	\$ 279,345	1.71	\$ 513,125	3.00	83.7%
<i>Buena Vista Pump Station</i>	\$ 206,566	1.24	\$ 214,790	1.24	4.0%
<i>Buena Creek Pump Station</i>	\$ 190,259	1.12	\$ 197,408	1.12	3.8%
<i>Carlsbad Water Reclamation Facilities</i>	\$ 562,215	3.38	\$ 584,485	3.38	4.0%
<i>Raceway Basin Pump Station</i>	\$ 154,951	0.93	\$ 161,087	0.93	4.0%
Remote Facilities	\$ 1,393,336	8.38	\$ 1,670,895	9.67	19.9%
Subtotal	\$ 6,901,562	45.25	\$ 7,284,268	45.49	5.5%
Internal Service Funds	\$ 2,468,421	12.54	\$ 2,426,441	12.30	-1.7%
Subtotal Operating	\$ 9,369,983	57.79	\$ 9,710,709	57.79	3.6%
Capital Program	\$ 2,665,096	13.21	\$ 2,815,323	13.21	5.6%
Total Personnel Expense	\$ 12,035,079	71.00	\$ 12,526,032	71.00	4.1%

FISCAL YEAR 2021 ORGANIZATION (71 FTEs)



FY2021 SALARY SCHEDULE

Salary Range	Hourly		Annual		Salary Range	Hourly		Annual	
	Minimum	Maximum	Minimum	Maximum		Minimum	Maximum	Minimum	Maximum
1	\$ 16.451	\$ 22.209	\$ 34,219	\$ 46,195	21	\$ 43.650	\$ 58.928	\$ 90,792	\$ 122,570
2	\$ 17.274	\$ 23.320	\$ 35,930	\$ 48,505	22	\$ 45.833	\$ 61.874	\$ 95,332	\$ 128,698
3	\$ 18.138	\$ 24.486	\$ 37,726	\$ 50,930	23	\$ 48.124	\$ 64.968	\$ 100,099	\$ 135,133
4	\$ 19.044	\$ 25.710	\$ 39,612	\$ 53,477	24	\$ 50.531	\$ 68.216	\$ 105,104	\$ 141,890
5	\$ 19.997	\$ 26.995	\$ 41,593	\$ 56,151	25	\$ 53.057	\$ 71.627	\$ 110,359	\$ 148,984
6	\$ 20.996	\$ 28.345	\$ 43,673	\$ 58,958	26	\$ 55.710	\$ 75.208	\$ 115,877	\$ 156,434
7	\$ 22.046	\$ 29.763	\$ 45,856	\$ 61,906	27	\$ 58.495	\$ 78.969	\$ 121,671	\$ 164,255
8	\$ 23.149	\$ 31.251	\$ 48,149	\$ 65,001	28	\$ 61.420	\$ 82.917	\$ 127,754	\$ 172,468
9	\$ 24.306	\$ 32.813	\$ 50,557	\$ 68,251	29	\$ 64.491	\$ 87.063	\$ 134,142	\$ 181,091
10	\$ 25.521	\$ 34.454	\$ 53,084	\$ 71,664	30	\$ 67.716	\$ 91.416	\$ 140,849	\$ 190,146
11	\$ 26.797	\$ 36.177	\$ 55,739	\$ 75,247	31	\$ 71.102	\$ 95.987	\$ 147,891	\$ 199,653
12	\$ 28.137	\$ 37.985	\$ 58,526	\$ 79,010	32	\$ 74.657	\$ 100.786	\$ 155,286	\$ 209,636
13	\$ 29.544	\$ 39.885	\$ 61,452	\$ 82,960	33	\$ 78.389	\$ 105.826	\$ 163,050	\$ 220,118
14	\$ 31.021	\$ 41.879	\$ 64,524	\$ 87,108	34	\$ 82.309	\$ 111.117	\$ 171,203	\$ 231,124
15	\$ 32.572	\$ 43.973	\$ 67,751	\$ 91,463	35	\$ 86.424	\$ 116.673	\$ 179,763	\$ 242,680
16	\$ 34.201	\$ 46.171	\$ 71,138	\$ 96,037	36	\$ 90.746	\$ 122.507	\$ 188,751	\$ 254,814
17	\$ 35.911	\$ 48.480	\$ 74,695	\$ 100,838	37	\$ 95.283	\$ 128.632	\$ 198,188	\$ 267,554
18	\$ 37.707	\$ 50.904	\$ 78,430	\$ 105,880	38	\$ 100.047	\$ 135.064	\$ 208,098	\$ 280,932
19	\$ 39.592	\$ 53.449	\$ 82,351	\$ 111,174	39	\$ 105.049	\$ 141.817	\$ 218,503	\$ 294,979
20	\$ 41.572	\$ 56.122	\$ 86,469	\$ 116,733	40	\$ 110.302	\$ 148.908	\$ 229,428	\$ 309,728

Labor Relations Resolution # 2018-02

Standby Duty: \$1.50 / hour

Shift Differential: \$2.50 / hour

Lead Operator Pay: \$2.50 / hour when in absence of Shift Supervisor

Certification Stipend: \$60 / pay period for Class B Drivers License, Crane Operator Certificate or Welding Certificate

Meal Allowance: \$15 / meal for 2+ hours of overtime

Safety Boot Allowance: \$150 - \$300 / year depending on job classification

Safety Prescription Eyewear Allowance: \$400 / year

ENCINA WATER POLLUTION CONTROL FACILITY

The Encina Water Pollution Control Facility (EWPCF), located in Carlsbad, California, provides wastewater treatment services to approximately 379,000 residents in a 123 square mile service area of northwest San Diego County. The EWPCF consists of three major components: the treatment plant; the Encina Ocean Outfall (EOO); and the Joint Flow Metering System (JFMS). The EWPCF was constructed in 1963 to treat wastewater from the Cities of Carlsbad and Vista, with the City of Encinitas, Vallecitos Water District, Buena Sanitation District and Leucadia Wastewater District joining the partnership in the subsequent years. Since its original design and construction, the treatment plant has undergone four (4) major expansions – the latest completed in 2009, and is beginning another round of construction to address reliability and aging infrastructure. Today, the EWPCF is a modern resource recovery facility that produces: clean water for recycling and Pacific Ocean discharge (via preliminary and primary treatment processes; activated sludge secondary treatment; secondary flow equalization facilities; and a 1.5 mile EOO, which discharges treated effluent at an average depth of one-hundred-fifty (150) feet; a granular fertilizer marketed under the name PureGreen (via anaerobic digesters; solids dewatering centrifuges; and a triple-pass rotary drum heat dryer); and, about 86.1% of the electricity required to power the EWPCF (via a Combined Heat & Cogeneration Power System). In addition, the JFMS consists of sixteen flow meters strategically placed throughout the collection system. The data collected at these metering sites, which is analyzed and certified by an independent consultant, is a critical element in allocating EWPCF costs among the EWA Member Agencies.

Capacity – The EWPCF has a rated liquid treatment capacity of 40.51 million gallons per day (MGD) and a rated solids treatment capacity of 43.53 MGD. During FY2021, the EWPCF will: (1) clean more than 8.5 billion gallons of water; (2) recycle nearly 3 billion gallons for on-site use and regional irrigation; and, (3) process nearly 18 million pounds of solids into 6,300 tons of PureGreen fertilizer.

Cost Allocation – The EWPCF costs are allocated among member agencies based on ownership and usage charges in accordance with the Financial Plan and Revenue Program. EOO costs are allocated among Member Agencies based on the volume of effluent discharged. JFMS costs are allocated among the Member Agencies based on the number, location and type of meters.



Encina Water Pollution Control Facility

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OPERATING EXPENSE SUMMARY: ENCINA WATER POLLUTION CONTROL FACILITY

PERSONNEL

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
5100	Salaries	\$ 3,290,784	\$	3,291,866	\$	3,231,900	\$	3,354,262	2%
5200	Benefits	\$ 1,281,649	\$	1,508,338	\$	1,471,900	\$	1,520,812	1%
Total Personnel Expenses		\$ 4,572,432	\$	4,800,204	\$	4,703,800	\$	4,875,074	2%

NON-PERSONNEL

			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
										Change
21001	7330	Specialty Services	\$ 118,597	\$	130,000	\$	132,000	\$	151,200	16%
22001	5400	CEPT Polymer	\$ 101,823	\$	109,100	\$	110,000	\$	115,000	5%
22001	5401	Ferric Chloride	\$ 305,686	\$	414,400	\$	408,000	\$	408,000	-2%
22001	5405	Atmospheric Control (Nitrogen)	\$ 12,439	\$	19,550	\$	15,100	\$	21,600	10%
22001	5406	Pellet Dust Control	\$ 44,122	\$	73,000	\$	53,700	\$	60,000	-18%
22001	5407	Sodium Hypochlorite	\$ 50,374	\$	72,150	\$	70,700	\$	72,150	0%
22001	5409	Dewatering Polymer	\$ 587,999	\$	651,700	\$	735,000	\$	735,000	13%
22001	5420	Biosolids Disposal	\$ 412,811	\$	429,400	\$	555,700	\$	579,400	35%
22001	5422	Pure Green Marketing	\$ 10,720	\$	10,000	\$	10,000	\$	10,000	0%
22001	5423	Grit Hauling	\$ 89,363	\$	113,300	\$	102,300	\$	109,000	-4%
22001	5431	Water	\$ 11,209	\$	16,200	\$	12,000	\$	13,700	-15%
22001	6450	Professional Services	\$ 14,160	\$	24,000	\$	30,200	\$	33,500	40%
22001	6720	Specialty Equipment	\$ 1,464	\$	6,600	\$	6,600	\$	8,100	23%
22001	6920	Permits	\$ 21,573	\$	26,350	\$	27,200	\$	29,300	11%
22001	7310	Safety & Medical Services	\$ 23,760	\$	24,600	\$	24,600	\$	24,600	0%
22001	7320	Safety Equipment	\$ 91,512	\$	90,000	\$	89,000	\$	89,100	-1%
22001	7330	Specialty Services	\$ 1,306	\$	1,500	\$	2,800	\$	3,000	100%
22001	7611	Hazwoper Training	\$ 4,390	\$	6,000	\$	6,000	\$	6,000	0%
22001	7616	First Aid Training	\$ 118	\$	3,900	\$	3,900	\$	300	-92%
22001	7617	Safety Other	\$ 45,671	\$	6,500	\$	6,500	\$	6,500	0%
22001	7620	Contingency	\$ -	\$	250,000	\$	-	\$	250,000	0%
23001	5410	Chemicals	\$ 7,299	\$	7,500	\$	7,500	\$	8,000	7%
23001	5530	Misc. Corrosion Protection	\$ 487	\$	2,000	\$	2,000	\$	2,000	0%
23001	5910	Equipment Rental	\$ 5,446	\$	13,000	\$	16,000	\$	13,000	0%
23001	6120	Fuel & Lube	\$ 29,016	\$	23,100	\$	23,300	\$	23,300	1%
23001	6220	Earthquake & Flood Insurance	\$ -	\$	-	\$	-	\$	143,400	100%
23001	6230	Janitorial	\$ 89,230	\$	100,000	\$	61,000	\$	100,000	0%

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NON-PERSONNEL EXPENSES (cont.)				Actual	Budget	Projected	Recommended	%
				FY2019	FY2020	FY2020	FY2021	Change
23001	6410	Laundry & Uniforms	\$	13,964	\$ 18,000	\$ 20,500	\$ 20,500	14%
23001	6424	Information Systems	\$	341,168	\$ 381,900	\$ 425,550	\$ 413,600	8%
23001	6450	Professional Services (South Parcel)	\$	-	\$ -	\$ 58,000	\$ 60,000	100%
23001	6510	Mobile Equipment Repair	\$	11,626	\$ 20,000	\$ 20,000	\$ 20,000	0%
23001	6710	Equipment New	\$	3,594	\$ 6,000	\$ 6,000	\$ 6,000	0%
23001	6730	Non-Specific Repair & Maintenance	\$	111,649	\$ 95,000	\$ 99,000	\$ 95,000	0%
23001	6930	Piping & Electrical Repair	\$	118,279	\$ 112,000	\$ 110,000	\$ 112,000	0%
23001	6940	Planned Maintenance	\$	97,205	\$ 102,000	\$ 108,000	\$ 107,000	5%
23001	7010	Plant Contracts	\$	139,222	\$ 154,900	\$ 157,000	\$ 161,000	4%
23001	7330	Specialty Services	\$	122,342	\$ 114,000	\$ 115,000	\$ 118,000	4%
23001	7510	Tools	\$	7,366	\$ 7,000	\$ 7,000	\$ 9,500	36%
24001	6810	Ocean Monitoring	\$	40,048	\$ 27,000	\$ 7,800	\$ 298,000	1004%
24001	6911	Effluent Testing	\$	20,255	\$ 20,500	\$ 20,000	\$ 27,000	32%
24001	6920	Permits	\$	204,796	\$ 205,000	\$ 230,900	\$ 254,000	24%
50001	BOD	Professional Development	\$	-	\$ 1,100	\$ 1,100	\$ 1,100	0%
50001	BOD	Board of Directors Fees	\$	53,089	\$ 66,500	\$ 65,400	\$ 65,600	-1%
Total Non-Personnel Expenses			\$	3,365,178	\$ 3,954,750	\$ 3,962,350	\$ 4,783,450	21%

INTERNAL SERVICE FUNDS				Actual	Budget	Projected	Recommended	%
				FY2019	FY2020	FY2020	FY2021	Change
11001		Administration	\$	1,574,902	\$ 1,716,344	\$ 1,616,109	\$ 1,697,407	-1%
12001		Laboratory	\$	897,659	\$ 974,990	\$ 949,880	\$ 1,007,485	3%
13001		Energy Management	\$	2,047,797	\$ 2,177,487	\$ 2,316,683	\$ 2,279,155	5%
Total Internal Service Fund Expenses			\$	4,520,358	\$ 4,868,821	\$ 4,882,672	\$ 4,984,047	2%
Total Operating Expenses			\$	12,457,968	\$ 13,623,775	\$ 13,548,822	\$ 14,642,571	7%

ENVIRONMENTAL COMPLIANCE & REGIONAL SOURCE CONTROL

The EWPCF discharges clean water to the Pacific Ocean via the Encina Ocean Outfall pursuant to a National Pollutant Discharge Elimination System (NPDES) Permit issued under the authority of the federal Clean Water Act (CWA). The CWA also covers non-domestic sources of wastewater that discharge directly to a publicly owned treatment works like the EWPCF. Such discharges may be federally regulated or regulated by EWA's Pretreatment Ordinance, which are enforced by EWA in cooperation with the host Member Agency under authority derived from the federal CWA. The goal of Encina's Regional Source Control Program is to prevent the discharge of pollutants into the Member Agency sewer system, which may interfere with the operation of the EWPCF or pass through the system and negatively impact the ocean environment, the quality of PureGreen fertilizer or the ability to reclaim water. The Source Control Program achieves this goal by: identifying regulated industries; conducting facility inspections; issuing wastewater discharge permits; sampling industrial discharges to determine compliance; taking enforcement in response to noncompliance; responding to Member Agency requests to perform investigations regarding non-routine discharges; and, conducting related public outreach activities.

Capacity – During FY2021 staff estimates fifty-five (55) industries will be fully permitted, while another 580 businesses will participate in EWA's Best Management Practices Program.

Cost Allocation – Personnel Expenses make up over 90% of Source Control's budgeted expenses. Over 85% of personnel expenses are allocated to Member Agencies based on the actual level of effort by staff. Remaining personnel expenses and all non-personnel expenses are allocated to the Member Agencies on the basis of Encina Ocean Outfall flows.



Public outreach at the Alta Vista Gardens Earth Day

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OPERATING EXPENSE SUMMARY: SOURCE CONTROL

PERSONNEL

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
5100	Salaries	\$ 420,188	\$	\$ 474,304	\$	\$ 455,200	\$	\$ 494,861	4%
5200	Benefits	\$ 172,255	\$	\$ 233,718	\$	\$ 227,400	\$	\$ 243,438	4%
Total Personnel Expenses		\$ 592,443	\$	\$ 708,022	\$	\$ 682,600	\$	\$ 738,299	4%

NON-PERSONNEL

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
40001	5520 Books	\$ -	\$	\$ 300	\$	\$ 300	\$	\$ 300	0%
40001	5930 Equipment Replacement	\$ 1,747	\$	\$ 1,900	\$	\$ 700	\$	\$ 700	-63%
40001	6120 Fuel & Lube	\$ 1,386	\$	\$ 2,100	\$	\$ 2,100	\$	\$ 2,300	10%
40001	6310 Lab Equipment Repair	\$ 4,658	\$	\$ 10,100	\$	\$ 6,100	\$	\$ 6,200	-39%
40001	6330 Lab Supplies	\$ 109	\$	\$ 750	\$	\$ 750	\$	\$ 750	0%
40001	6410 Laundry & Uniforms	\$ 1,561	\$	\$ 1,850	\$	\$ 2,000	\$	\$ 2,000	8%
40001	6422 Legal Notices	\$ 322	\$	\$ 1,500	\$	\$ 750	\$	\$ 750	-50%
40001	6450 Professional Services	\$ -	\$	\$ 30,000	\$	\$ 28,500	\$	\$ 15,000	-50%
40001	7120 Printing & Reproduction	\$ -	\$	\$ 500	\$	\$ 500	\$	\$ 500	0%
40001	7130 Public Information	\$ 1,811	\$	\$ 3,000	\$	\$ 1,500	\$	\$ 2,000	-33%
Total Non-Personnel Expenses		\$ 11,593	\$	\$ 52,000	\$	\$ 43,200	\$	\$ 30,500	-41%

INTERNAL SERVICE FUNDS

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
11001	Administration	\$ 93,646	\$	\$ 113,076	\$	\$ 106,472	\$	\$ 115,617	2%
12001	Laboratory	\$ 71,110	\$	\$ 55,194	\$	\$ 75,246	\$	\$ 79,810	45%
13001	Energy Management	\$ 2,050	\$	\$ 2,180	\$	\$ 2,319	\$	\$ 2,281	5%
Total Internal Service Fund Expenses		\$ 166,806	\$	\$ 170,450	\$	\$ 184,037	\$	\$ 197,708	16%
Total Operating Expenses		\$ 770,842	\$	\$ 930,472	\$	\$ 909,837	\$	\$ 966,507	4%

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REMOTE FACILITIES

AGUA HEDIONDA PUMP STATION

The Agua Hedionda Pump Station (AHPS) is part of the Encina Joint Sewerage System and is jointly owned by the City of Vista and the City of Carlsbad. This pump station is located on the southeast shore of the Agua Hedionda Lagoon and was replaced with a new station on the existing site in FY2020. The old station remains operational and is maintained on standby until the new station is fully accepted.

Capacity – The new AHPS is equipped four (4) lift pumps and four (4) force main pumps, providing ample redundancy and a broad operating range. This facility is operated 365 days a year on a 24 hour-a-day basis.

Cost Allocation – The AHPS is operated by EWA under a contract with the owner agencies. The costs of operating and maintaining the AHPS are allocated to the City of Vista (69.1%) and the City of Carlsbad (30.9%) in accordance with the May 2017 Memorandum of Understanding.



Newly Constructed Agua Hedionda Pump Station

REMOTE FACILITIES (cont.)

BUENA VISTA PUMP STATION

The Buena Vista Pump Station (BVPS) is part of the Encina Joint Sewerage System and is jointly owned by the City of Vista and the City of Carlsbad. This pump station is located on the southwest shores of the Buena Vista Lagoon.

Capacity – The BVPS, which is equipped with four (4) pumps rated at 6,000 gallons per minute, is operated 365 days a year on a 24 hour-a-day basis.

Cost Allocation – The BVPS is operated by EWA under a contract with the owner agencies. The costs of operating and maintaining the BVPS are allocated to the City of Vista (89.6%) and the City of Carlsbad (10.4%) in accordance with the May 2017 Memorandum of Understanding.



Buena Vista Pump Station

REMOTE FACILITIES (cont.)

BUENA CREEK PUMP STATION

The Buena Creek Pump Station (BCPS) is owned by the Buena Sanitation District (BSD). This pump station is located approximately two miles north of Palomar Airport Road and 1/8 mile east of Melrose Drive.

Capacity – The BCPS, which is equipped with five (5) pumps rated at 4,500 gallons per minute, is operated 365 days a year on a 24 hour-a-day basis.

Cost Allocation – The BCPS is operated by EWA under a contract with the BSD. 100% of the costs for operating and maintaining the BCPS are allocated to the BSD in accordance with the May 2017 Memorandum of Understanding.



Buena Creek Pump Station

REMOTE FACILITIES (cont.)

CARLSBAD WATER RECYCLING FACILITY

The Carlsbad Water Reclamation Facility (CWRF) is owned by the City of Carlsbad. The facility is located on nine (9) acres directly adjacent to the southwest border of the EWPCF.

Capacity – The CWRF recycles secondary effluent produced at the EWPCF, which is conveyed throughout the City for irrigation purposes. A plant expansion completed during FY 2017 increased the plant capacity to 7 MGD.

Cost Allocation – The CWRF is operated by EWA under a contract with the City of Carlsbad. 100% of the costs for operating and maintaining the CWRF are paid by the City of Carlsbad in accordance with the May 2005 Memorandum of Understanding. Recommended expenses are based on the expected recycled water production volume. Actual expenditures will reflect the actual volume of recycled water production.



Carlsbad Water Recycling Facility

REMOTE FACILITIES (cont.)

RACEWAY BASIN PUMP STATION

The Raceway Basin Pump Station (RBPS) is owned by the City of Vista. This pump station is located approximately 1/2 mile north of Palomar Airport Road and 1/8 mile west of Melrose Drive.

Capacity – The RBPS, which is equipped with three (3) pumps rated at 1,350 gallons per minute, is operated 365 days a year on a 24 hour-a-day basis.

Cost Allocation – The RBPS is operated by EWA under a contract with the City of Vista. 100% of the costs for operating and maintaining the RBPS are allocated to the City of Vista in accordance with the May 2017 Memorandum of Understanding.



Raceway Basin Pump Station

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OPERATING EXPENSE SUMMARY: AGUA HEDIONDA PUMP STATION

PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
5100	Salaries	\$	289,230	\$	187,993	\$	316,200	\$	343,591	83%
5200	Benefits	\$	132,464	\$	91,352	\$	136,500	\$	169,534	86%
Total Personnel Expenses		\$	421,694	\$	279,345	\$	452,700	\$	513,125	84%

NON-PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
31001	5431 Water	\$	11,337	\$	8,800	\$	11,800	\$	19,200	118%
31001	5435 Electricity	\$	166,210	\$	172,200	\$	157,850	\$	166,100	-4%
31001	5910 Equipment Rental	\$	-	\$	-	\$	1,000	\$	1,000	0%
31001	6120 Fuel & Lube	\$	6,633	\$	3,650	\$	3,850	\$	7,800	114%
31001	6410 Laundry & Uniforms	\$	499	\$	425	\$	450	\$	450	6%
31001	6730 Non-Specific Repair & Maintenance	\$	2,489	\$	2,500	\$	2,500	\$	2,500	0%
31001	6920 Permits	\$	2,922	\$	3,100	\$	4,200	\$	4,250	37%
31001	6930 Piping & Electrical Repair	\$	1,473	\$	3,500	\$	3,500	\$	3,500	0%
31001	6940 Planned Maintenance	\$	5,219	\$	8,500	\$	8,500	\$	8,500	0%
31001	7010 Plant Contracts	\$	3,427	\$	2,700	\$	2,700	\$	10,500	289%
31001	7320 Safety Equipment	\$	200	\$	1,500	\$	1,500	\$	1,500	0%
31001	7330 Specialty Services	\$	10,443	\$	22,250	\$	16,650	\$	22,300	0%
Total Non-Personnel Expenses		\$	210,852	\$	229,125	\$	214,500	\$	247,600	8%

INTERNAL SERVICE FUNDS			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
11001	Administration	\$	40,017	\$	50,019	\$	47,098	\$	65,036	30%
Total Internal Service Fund Expenses		\$	40,017	\$	50,019	\$	47,098	\$	65,036	30%
Total Operating Expenses		\$	672,563	\$	558,489	\$	714,298	\$	825,761	48%

OPERATING EXPENSE SUMMARY: BUENA VISTA PUMP STATION

PERSONNEL

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
5100	Salaries	\$ 124,839	\$	\$ 135,320	\$	\$ 137,000	\$	\$ 140,103	4%
5200	Benefits	\$ 55,161	\$	\$ 71,246	\$	\$ 65,000	\$	\$ 74,687	5%
Total Personnel Expenses		\$ 180,000	\$	\$ 206,566	\$	\$ 202,000	\$	\$ 214,790	4%

NON-PERSONNEL

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
32001	5431 Water	\$ 964	\$	\$ 1,900	\$	\$ 1,150	\$	\$ 1,300	-32%
32001	5435 Electricity	\$ 321,033	\$	\$ 334,800	\$	\$ 328,300	\$	\$ 345,000	3%
32001	6120 Fuel & Lube	\$ 6,427	\$	\$ 4,350	\$	\$ 4,350	\$	\$ 5,050	16%
32001	6410 Laundry & Uniforms	\$ 499	\$	\$ 425	\$	\$ 450	\$	\$ 450	6%
32001	6730 Non-Specific Repair & Maintenance	\$ 2,473	\$	\$ 3,000	\$	\$ 3,000	\$	\$ 4,000	33%
32001	6920 Permits	\$ 1,871	\$	\$ 2,550	\$	\$ 2,050	\$	\$ 2,050	-20%
32001	6930 Piping & Electrical Repair	\$ 4,696	\$	\$ 5,000	\$	\$ 5,000	\$	\$ 6,300	26%
32001	6940 Planned Maintenance	\$ 278	\$	\$ 7,000	\$	\$ 7,000	\$	\$ 9,500	36%
32001	7010 Plant Contracts	\$ 3,458	\$	\$ 3,500	\$	\$ 5,300	\$	\$ 5,500	57%
32001	7320 Safety Equipment	\$ 427	\$	\$ 1,000	\$	\$ 1,000	\$	\$ 1,000	0%
32001	7330 Specialty Services	\$ 10,656	\$	\$ 15,550	\$	\$ 13,750	\$	\$ 15,550	0%
Total Non-Personnel Expenses		\$ 352,782	\$	\$ 379,075	\$	\$ 371,350	\$	\$ 395,700	4%

INTERNAL SERVICE FUNDS

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
11001	Administration	\$ 46,846	\$	\$ 51,236	\$	\$ 48,244	\$	\$ 49,317	-4%
Total Internal Service Fund Expenses		\$ 46,846	\$	\$ 51,236	\$	\$ 48,244	\$	\$ 49,317	-4%
Total Operating Expenses		\$ 579,628	\$	\$ 636,877	\$	\$ 621,594	\$	\$ 659,807	4%

OPERATING EXPENSE SUMMARY: BUENA CREEK PUMP STATION

PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
5100	Salaries	\$	121,452	\$	124,502	\$	120,300	\$	128,458	3%
5200	Benefits	\$	51,459	\$	65,757	\$	58,200	\$	68,950	5%
Total Personnel Expenses		\$	172,911	\$	190,259	\$	178,500	\$	197,408	4%

NON-PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
37001	5431 Water	\$	2,228	\$	2,600	\$	2,000	\$	2,050	-21%
37001	5435 Electricity	\$	133,529	\$	136,500	\$	135,200	\$	142,050	4%
37001	6120 Fuel & Lube	\$	4,543	\$	3,650	\$	4,050	\$	4,250	16%
37001	6410 Laundry & Uniforms	\$	499	\$	450	\$	450	\$	450	0%
37001	6730 Non-Specific Repair & Maintenance	\$	1,711	\$	2,000	\$	1,800	\$	2,000	0%
37001	6920 Permits	\$	1,783	\$	2,850	\$	2,600	\$	2,950	4%
37001	6930 Piping & Electrical Repair	\$	2,900	\$	5,000	\$	6,000	\$	5,000	0%
37001	6940 Planned Maintenance	\$	1,902	\$	2,500	\$	2,500	\$	4,000	60%
37001	7010 Plant Contracts	\$	1,852	\$	2,000	\$	2,000	\$	2,700	35%
37001	7320 Safety Equipment	\$	400	\$	700	\$	700	\$	700	0%
37001	7330 Specialty Services	\$	3,107	\$	20,000	\$	17,300	\$	20,000	0%
Total Non-Personnel Expenses		\$	154,454	\$	178,250	\$	174,600	\$	186,150	4%

INTERNAL SERVICE FUNDS			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
11001	Administration	\$	39,861	\$	43,709	\$	41,156	\$	42,884	-2%
Total Internal Service Fund Expenses		\$	39,861	\$	43,709	\$	41,156	\$	42,884	-2%
Total Operating Expenses		\$	367,226	\$	412,218	\$	394,256	\$	426,442	3%

OPERATING EXPENSE SUMMARY: CARLSBAD WATER RECYCLING FACILITY

PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
5100	Salaries	\$	317,506	\$	367,608	\$	356,300	\$	380,727	4%
5200	Benefits	\$	146,696	\$	194,607	\$	175,400	\$	203,758	5%
Total Personnel Expenses		\$	464,202	\$	562,215	\$	531,700	\$	584,485	4%

NON-PERSONNEL				Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
38001	5394	Caustic Membrane Filtration	\$	13,477	\$	21,900	\$	15,100	\$	17,500	-20%
38001	5395	Citric Acid	\$	13,807	\$	25,600	\$	27,400	\$	30,350	19%
38001	5407	Sodium Hypochlorite	\$	109,532	\$	152,300	\$	165,550	\$	176,400	16%
38001	5408	Coagulation Polymer	\$	-	\$	3,300	\$	3,300	\$	3,300	0%
38001	5411	Sodium Bisulfate	\$	18,810	\$	26,500	\$	17,400	\$	22,650	-15%
38001	5412	Alum	\$	-	\$	14,100	\$	14,100	\$	14,100	0%
38001	5435	Electricity	\$	179,414	\$	224,350	\$	184,800	\$	195,950	-13%
38001	5530	Misc. Corrosion Protection	\$	84	\$	2,000	\$	2,000	\$	2,000	0%
38001	5910	Equipment Rental	\$	-	\$	3,500	\$	3,500	\$	3,500	0%
38001	6120	Fuel & Lube	\$	67	\$	700	\$	200	\$	700	0%
38001	6230	Janitorial	\$	2,512	\$	2,100	\$	2,100	\$	2,100	0%
38001	6410	Laundry & Uniforms	\$	974	\$	1,250	\$	1,250	\$	1,250	0%
38001	6424	Information Systems	\$	6,054	\$	4,000	\$	4,000	\$	4,000	0%
38001	6450	Professional Services	\$	39,131	\$	25,000	\$	18,000	\$	25,000	0%
38001	6730	Non-Specific Repair & Maintenance	\$	9,729	\$	10,000	\$	10,000	\$	10,000	0%
38001	6920	Permits	\$	18,862	\$	18,850	\$	18,800	\$	18,950	1%
38001	6930	Piping & Electrical Repair	\$	2,286	\$	6,000	\$	8,000	\$	8,000	33%
38001	6940	Planned Maintenance	\$	16,342	\$	21,300	\$	21,300	\$	21,300	0%
38001	7010	Plant Contracts	\$	1,851	\$	4,550	\$	5,400	\$	4,500	-1%
38001	7320	Safety Equipment	\$	15	\$	1,200	\$	1,200	\$	1,200	0%
38001	7330	Specialty Services	\$	16,824	\$	26,050	\$	26,050	\$	26,050	0%
Total Non-Personnel Expenses			\$	449,771	\$	594,550	\$	549,450	\$	588,800	-1%

INTERNAL SERVICE FUNDS			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
11001	Administration	\$	135,742	\$	149,087	\$	140,380	\$	154,886	4%
12001	Laboratory	\$	57,641	\$	64,634	\$	60,994	\$	64,693	0%
Total Internal Service Fund Expenses		\$	193,383	\$	213,721	\$	201,374	\$	219,579	3%
Total Operating Expenses		\$	1,107,356	\$	1,370,486	\$	1,282,524	\$	1,392,864	2%

OPERATING EXPENSE SUMMARY: RACEWAY BASIN PUMP STATION

PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
5100	Salaries	\$	95,837	\$	101,502	\$	96,800	\$	104,750	3%
5200	Benefits	\$	41,807	\$	53,449	\$	47,100	\$	56,337	5%
Total Personnel Expenses		\$	137,644	\$	154,951	\$	143,900	\$	161,087	4%

NON-PERSONNEL			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
39001	5431 Water	\$	851	\$	800	\$	900	\$	900	13%
39001	5435 Electricity	\$	27,917	\$	26,450	\$	28,700	\$	30,150	14%
39001	6120 Fuel & Lube	\$	3,084	\$	4,500	\$	4,550	\$	4,550	1%
39001	6410 Laundry & Uniforms	\$	499	\$	450	\$	450	\$	450	0%
39001	6730 Non-Specific Repair & Maintenance	\$	204	\$	2,000	\$	2,000	\$	2,000	0%
39001	6920 Permits	\$	1,783	\$	2,300	\$	2,000	\$	2,300	0%
39001	6930 Piping & Electrical Repair	\$	2,206	\$	2,000	\$	2,500	\$	2,000	0%
39001	6940 Planned Maintenance	\$	583	\$	3,000	\$	3,000	\$	3,000	0%
39001	7010 Plant Contracts	\$	2,331	\$	2,500	\$	2,500	\$	3,000	20%
39001	7320 Safety Equipment	\$	15	\$	650	\$	650	\$	650	0%
39001	7330 Specialty Services	\$	4,676	\$	17,150	\$	16,150	\$	17,150	0%
Total Non-Personnel Expenses		\$	44,148	\$	61,800	\$	63,400	\$	66,150	7%

INTERNAL SERVICE FUNDS			Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	% Change
11001	Administration	\$	28,513	\$	31,615	\$	29,769	\$	32,170	2%
Total Internal Service Fund Expenses		\$	28,513	\$	31,615	\$	29,769	\$	32,170	2%
Total Operating Expenses		\$	210,305	\$	248,366	\$	237,069	\$	259,407	4%

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INTERNAL SERVICE FUNDS

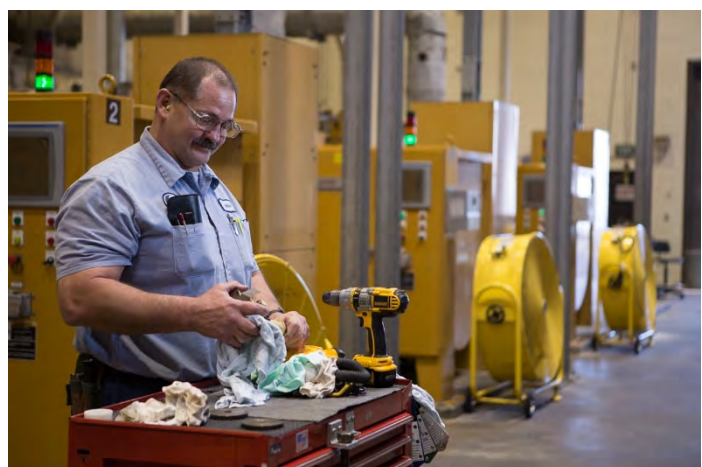
Internal Service Funds (ISFs) make categorical and overhead charges to operating and capital programs. Categorical charges are costs incurred by the ISF that are directly attributable to a particular operating or capital program the ISF supports. Overhead charges are costs incurred by the ISF that support more than one operating or capital program. EWA’s budget reflects three ISFs: (1) Administration; (2) Laboratory; and, (3) Energy Management. The existence of these ISFs traces back to the 1998 EWA Staffing Reorganization and management’s effort to distinguish between costs required to ensure public health, produce effluent water compliant with NPDES Permit standards, and maintain the associated Encina Joint System infrastructure from costs associated with administering the Encina Joint System that could be taken on by a Member Agency or a third party administrator (Administration), permit compliance activities that could be contracted out (Laboratory), and power that could be purchased from San Diego Gas & Electric (Energy Management).

Administration – The Administration Internal Service Fund provides professional support services to EWA’s Board of Directors as well as all Operating and Capital Programs. Administration plans and executes EWA’s business, asset management, and financial plans; provides treasury and accountancy management; is responsible for required and supplemental financial reporting; administers all human resources functions, employee benefits, professional development, and other “Employer of Choice” initiatives; and, supports EWA’s governance activities.

Laboratory – The Laboratory Internal Service Fund is responsible for monitoring and reporting activities required by: (1) EWA’s National Pollutant Discharge Elimination System (NPDES) Permit; (2) permits related to facilities operated and maintained by EWA staff; (3) EWA’s Storm Water Permit; and, (4) permits and contracts related to biosolids use. The Laboratory is also responsible for management of EWA’s Joint Flow Metering System (JFMS), as well as the sampling and data compilation elements of EWA’s Financial Plan and Revenue Program.

EWA’s Laboratory, which is certified by the State of California’s Environmental Laboratory Accreditation Program, analyzes over 32,000 samples per year including process control, plant influent and effluent, biosolids, industrial user samples, ocean water, storm water, and drinking water. A portion of the analyses is completed under contract for EWA’s Member Agencies, which generated \$192,940 in revenue in FY2019, offsetting operating expenses.

Energy Management – The Energy Management Internal Service Fund utilizes the EWPCF’s power production and heat exchange facilities to maximize the beneficial reuse of digester gas produced in the wastewater treatment process thus minimizing the amount of energy EWA must purchase to operate the EWPCF. EWPCF’s Energy Management facilities generates about 12 million kilowatt hours of green electricity per year from biogas thus providing about 86.1% of the electricity required to operate the EWPCF. EWA is a member of the Environmental Protection Agency’s Green Power Partnership and has been ranked in the Top 30 of the Green Power Leadership Club for On-Site Generation since 2011.



Maintenance on the 1,000 horsepower engines

Cost Allocation – All ISF costs and revenues are allocated internally to one or more Operating or Capital program on the basis of use. Each Operating and Capital program has its own cost allocation that apportions its net costs the Member Agencies.

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OPERATING EXPENSE SUMMARY: INTERNAL SERVICE FUNDS

PERSONNEL EXPENSES

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
5100	Salaries	\$ 1,621,879		\$ 1,694,879		\$ 1,690,200		\$ 1,642,122	-3%
5200	Benefits	\$ 653,575		\$ 773,542		\$ 755,700		\$ 784,319	1%
Total Personnel Expenses		\$ 2,275,454		\$ 2,468,421		\$ 2,445,900		\$ 2,426,441	-2%

NON-PERSONNEL EXPENSES

		Actual FY2019		Budget FY2020		Projected FY2020		Recommended FY2021	%
									Change
11001	5445 Telephone	\$ 64,965		\$ 73,000		\$ 87,250		\$ 86,800	19%
11001	5510 Advertising	\$ 7,398		\$ 7,000		\$ 2,950		\$ 3,000	-57%
11001	5810 Employee Recognition	\$ 11,199		\$ 12,000		\$ 14,000		\$ 15,000	25%
11001	5920 Equipment Repair Maint	\$ 29,750		\$ 26,800		\$ 23,800		\$ 23,800	-11%
11001	6210 Independent Auditor/Actuary	\$ 30,310		\$ 29,500		\$ 18,150		\$ 31,000	5%
11001	6220 Insurance	\$ 185,295		\$ 207,000		\$ 249,400		\$ 263,200	27%
11001	6420 Legal Services	\$ 72,981		\$ 95,000		\$ 65,000		\$ 95,000	0%
11001	6430 Memberships	\$ 79,680		\$ 80,000		\$ 84,600		\$ 80,000	0%
11001	6440 Mileage Reimbursement	\$ 3,010		\$ 4,800		\$ 4,300		\$ 4,800	0%
11001	6450 Professional Services	\$ 122,835		\$ 154,300		\$ 142,000		\$ 157,400	2%
11001	6830 Materials & Supplies	\$ 25,562		\$ 28,500		\$ 36,000		\$ 36,000	26%
11001	7110 Postage	\$ 5,229		\$ 4,750		\$ 5,450		\$ 5,550	17%
11001	7120 Printing & Reproduction	\$ 2,838		\$ 3,900		\$ 3,900		\$ 3,900	0%
11001	7410 Subscriptions	\$ 2,323		\$ 2,200		\$ 2,250		\$ 2,250	2%
11001	7610 Professional Development	\$ 122,077		\$ 138,350		\$ 121,200		\$ 133,900	-3%
12001	5520 Books	\$ 296		\$ 500		\$ 450		\$ 500	0%
12001	6120 Fuel & Lube	\$ 610		\$ 500		\$ 500		\$ 500	0%
12001	6310 Lab Equipment Repair	\$ 23,582		\$ 29,250		\$ 26,700		\$ 30,850	5%
12001	6320 Lab Minor Equip Replace	\$ 5,214		\$ 8,750		\$ 8,750		\$ 2,050	-77%
12001	6330 Lab Supplies	\$ 76,758		\$ 79,950		\$ 80,450		\$ 83,550	5%
12001	6410 Laundry & Uniforms	\$ 4,127		\$ 4,150		\$ 4,400		\$ 4,400	6%
12001	6450 Professional Services	\$ 5,901		\$ 16,500		\$ 7,100		\$ 16,500	0%
12001	6910 Outside Analysis	\$ 26,225		\$ 9,400		\$ 9,400		\$ 9,400	0%
12001	6911 Effluent Testing	\$ 1,430		\$ 2,000		\$ 1,800		\$ 2,000	0%
12001	6912 Biosolids Testing	\$ 6,979		\$ 8,550		\$ 7,200		\$ 12,500	46%
12001	6913 Industrial User Testing	\$ 27,773		\$ 33,000		\$ 31,000		\$ 33,000	0%
12001	6920 Permits	\$ 7,847		\$ 8,000		\$ 8,400		\$ 9,000	13%
12001	7120 Printing & Reproduction	\$ 636		\$ 500		\$ 500		\$ 500	0%
12001	7330 Specialty Services	\$ 23,007		\$ 14,250		\$ 14,000		\$ 14,250	0%
13001	5410 Chemicals	\$ 3,910		\$ 10,550		\$ 9,450		\$ 10,550	0%
13001	5435 Electricity	\$ 1,043,282		\$ 1,012,000		\$ 1,183,000		\$ 1,233,300	22%

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NON-PERSONNEL EXPENSES (cont.)			Actual FY2019	Budget FY2020	Projected FY2020	Recommended FY2021	% Change
13001	5440	Natural Gas	\$ 556,898	\$ 598,000	\$ 502,000	\$ 505,000	-16%
13001	6120	Fuel & Lube	\$ 31,782	\$ 40,500	\$ 29,000	\$ 33,500	-17%
13001	6230	Janitorial	\$ 850	\$ 2,500	\$ 2,500	\$ 4,200	68%
13001	6410	Laundry & Uniforms	\$ 1,196	\$ 1,200	\$ 1,200	\$ 1,200	0%
13001	6730	Non-Specific Repair & Maintenance	\$ 18,564	\$ 25,000	\$ 25,000	\$ 25,000	0%
13001	6920	Permits	\$ 15,432	\$ 18,000	\$ 19,950	\$ 19,950	11%
13001	6940	Planned Maintenance	\$ 75,363	\$ 99,000	\$ 97,950	\$ 108,000	9%
13001	7330	Specialty Services	\$ 35,775	\$ 70,000	\$ 53,000	\$ 61,000	-13%
13001	7510	Tools	\$ 1,444	\$ 2,000	\$ 4,500	\$ 2,000	0%
Total Non-Personnel Expenses			\$ 2,760,330	\$ 2,961,150	\$ 2,988,450	\$ 3,164,300	7%
Total Operating Expenses			\$ 5,035,784	\$ 5,429,571	\$ 5,434,350	\$ 5,590,741	3%

CAPITAL PROGRAM

The Authority's Capital Program consists of the following elements: (1) EWPCF – Capital Improvements; (2) EWPCF – Planned Asset Rehabilitation & Replacement; (3) EWPCF – Capital Acquisitions; (4) Remote Facilities – Acquisitions & Rehabilitation; (5) Five-Year Capital Improvement Plan; and (6) Twenty Year Capital Improvement Plan.

EWPCF – Capital Improvements – Capital Improvement Projects are those projects that increase or maintain the capacity of the Joint System and require a significant time commitment from staff. These projects regularly span multiple fiscal years and, therefore, unspent appropriations are typically carried forward by the Authority's annual Appropriations Resolution. Capital Project costs are allocated to Member Agencies based on ownership of the affected facilities. All Capital Projects are studied, designed, and executed pursuant to EWA's Comprehensive Asset Management Plan.



Expansion of the Headworks Building

EWPCF – Planned Asset Rehabilitation & Replacement – Planned Asset Rehabilitation & Replacement projects extend the useful life of existing Joint System facilities and require a significant time commitment from staff. These projects are typically completed within a fiscal year, however, if a project cannot be completed, the Authority's annual Appropriations Resolution will identify unspent appropriations to be carried forward. Planned Asset Replacement costs are allocated based on ownership of the affected facilities.

EWPCF – Capital Acquisitions – Capital Acquisitions include the purchase of new items and minor facility projects that maintain the capacity and useful life of existing Joint System facilities. Expenditures are allocated based on the benefiting program or internal service fund.

CAPITAL PROGRAM (cont.)

Remote Facilities – Acquisitions & Rehabilitation – Remote Facility Acquisitions and Rehabilitation include the purchase of new items and minor facility projects that maintain the capacity and useful life of existing remote facilities operated by the Authority. Expenditures are allocated based on ownership of the affected facilities.

LONG TERM CAPITAL IMPROVEMENTS

Five-Year Capital Improvement Plan – The Five-Year Capital Improvement Plan includes expenditure projections for current and planned projects expected to require additional appropriations through FY2025, as identified by EWA’s Comprehensive Asset Management Plan (CAMP) documents. The Five-Year Capital Improvement Plan is developed and sequenced pursuant to EWA’s Comprehensive Asset Management Plan.

Twenty-Year Capital Improvement Plan – The Twenty-Year Capital Improvement Plan includes expenditure projections for current and planned projects expected to require additional appropriations through FY2040, as identified by EWA’s CAMP documents.

Engineering estimates for both the Five-Year and Twenty-Year Programs assume annual inflation rate increases based on the Engineering News Record Construction Cost Index for Los Angeles (ENRCLA). The ENR cost index is a widely accepted method for tracking trends in industrial construction such as wastewater treatment plants. As planning reports are updated or other information becomes available, the long-term financial schedules may be revised. Capital Programs may also be modified due to unanticipated wastewater service requirements by one or more Member Agencies, changes in local population and development growth patterns, and new regulatory requirements.

SUMMARY of CAPITAL EXPENSES

	Actual FY2019	Budget FY2020	Recommended FY2021
EWPCF – Capital Improvements	\$ 12,083,626	\$ 17,594,480	\$ 16,921,000
EWPCF – Planned Asset Rehabilitation & Replacement	\$ 772,090	\$ 969,600	\$ 989,500
EWPCF – Capital Acquisitions	\$ 410,240	\$ 341,100	\$ 346,700
Remotes Facilities – Acquisitions & Rehabilitation	\$ 488,305	\$ 920,300	\$ 3,176,500
Subtotal	\$ 13,754,261	\$ 19,825,480	\$ 21,433,700
Salaries & Benefits	\$ 2,417,309	\$ 2,665,096	\$ 2,815,323
Total Capital Expense	\$ 16,171,570	\$ 22,490,576	\$ 24,249,023

ESTIMATED REVENUES

	Actual FY2019	Budget FY2020	Recommended FY2021
City of Carlsbad	\$ 4,018,266	\$ 5,489,799	\$ 7,725,404
City of Vista	\$ 4,059,214	\$ 5,881,286	\$ 5,712,138
Buena Sanitation District	\$ 1,207,263	\$ 1,734,253	\$ 1,780,933
Vallecitos Water District	\$ 3,488,699	\$ 4,847,867	\$ 4,660,409
Leucadia Wastewater District	\$ 2,614,190	\$ 3,621,242	\$ 3,487,794
City of Encinitas	\$ 661,328	\$ 916,129	\$ 882,345
Total Capital Revenue	\$ 16,048,960	\$ 22,490,576	\$ 24,249,023

CAPITAL IMPROVEMENT PROGRAM
MULTI-YEAR PROJECTS

	Actual FY2019	Budget FY2020	Recommended FY2021
<i>Liquid Process</i>	\$ 6,545,058	\$ 7,602,220	\$ 7,500,000
<i>Outfall</i>	\$ 28,406	\$ 567,000	\$ 226,000
<i>Solids Process</i>	\$ 2,368,524	\$ 3,611,560	\$ 1,660,000
<i>Energy Management</i>	\$ 913,686	\$ 460,000	\$ 900,000
<i>General</i>	\$ 161,491	\$ 4,178,700	\$ 3,966,000
<i>Technology</i>	\$ -	\$ -	\$ 1,385,000
<i>Professional Services</i>	\$ 2,066,461	\$ 1,175,000	\$ 1,284,000
Total EWPCF – Capital Improvements	\$ 12,083,626	\$ 17,594,480	\$ 16,921,000
EWPCF – Planned Asset Rehabilitation & Replacement	\$ 772,090	\$ 969,600	\$ 989,500
EWPCF – Capital Acquisitions	\$ 410,240	\$ 341,100	\$ 346,700
Remote Facilities – Acquisitions & Rehabilitation	\$ 488,305	\$ 920,300	\$ 3,176,500
Personnel	\$ 2,417,309	\$ 2,665,096	\$ 2,815,323
Total Capital Expense	\$ 16,171,570	\$ 22,490,576	\$ 24,249,023

EWPCF – CAPITAL IMPROVEMENTS

Org	Object	Project	Description	Amount	Totals
92102	8300	11005	Primary Area Improvements	\$ 6,400,000	
92102	8300	13007	Secondary Clarifiers and Strainers Improvements	\$ 500,000	
92102	8300	13022	Secondary Flow Equalization Basin Settlement	\$ 600,000	
			<i>Total Liquid Process</i>		\$ 7,500,000
92102	8300	21006	Ocean Outfall - Integrity Assessment	\$ 226,000	
			<i>Total Outfall</i>		\$ 226,000
92102	8300	31002	Solids Thickening Improvements	\$ 210,000	
92102	8300	32013	Digester Rehabilitation and Improvements	\$ 500,000	
92102	8300	33025	Heat Dryer 1 Rehab	\$ 100,000	
92102	8300	33026	Heat Dryer Safety Phase 3 (from HAZOP)	\$ 500,000	
92102	8300	33027	Biosolids Management Plan Update	\$ 350,000	
			<i>Total Solids Process</i>		\$ 1,660,000
92102	8300	41007	Cogen Engine Full Overhaul	\$ 900,000	
			<i>Total Energy Management</i>		\$ 900,000
92102	8300	51002	ORF Carbon Media Replacement	\$ 101,000	
92102	8300	52021	Climate Control at MCCs and Cogen Building	\$ 400,000	
92102	8300	53004	Admin Building Chiller Replacement	\$ 610,000	
92102	8300	52032	Plant-Wide Asset Painting and Protective Coating	\$ 55,000	
92102	8300	53016	Cogen Wall Repair	\$ 1,500,000	
92102	8300	54005	Implement Minor Condition Assessment Recommendations	\$ 150,000	
92102	8300	54006	As-Needed Contractor Services	\$ 1,000,000	
92102	8300	54007	Miscellaneous Building Rehabilitation	\$ 150,000	
			<i>Total General</i>		\$ 3,966,000
92102	8300	62708	Document Management System Upgrade	\$ 160,000	
92102	8300	61205	Network Improvements Phase 1 & 2	\$ 900,000	
92102	8300	61514	As-Needed SCADA Integration Services	\$ 325,000	
			<i>Total Technology</i>		\$ 1,385,000
92102	8300	81016	Asset Condition Assessments - EWPCF	\$ 100,000	
92102	8300	83001	E-CAMP Update	\$ 150,000	
92102	8300	84001	Extension of Staff Engineering Services	\$ 650,000	
92102	8300	84002	Research and Development Projects Services	\$ 100,000	
92102	8300	85009	South Parcel Agricultural Mitigation Fee	\$ 284,000	
			<i>Total Professional Services</i>		\$ 1,284,000
Total EWPCF – Capital Improvements					\$ 16,921,000

EWPCF – PLANNED ASSET REHABILITATION & REPLACEMENT

Org	Object	Project	Description	Amount	Totals
80002	8010	80711	General Plant Repairs & Unplanning Repair	\$ 140,000	
80002	8010	80721	Plant Security Services	\$ 65,000	
80002	8010	80731	Door Hinge and Lock Repair	\$ 25,000	
80002	8010	80741	Aerial Lift Rehabilitation	\$ 10,000	
80002	8010	80751	Replace Plant Lighting	\$ 40,000	
			<i>Total General Plant</i>		\$ 280,000
80002	8020	80771	TWAS Pump Rebuild	\$ 29,000	
80002	8020	80781	DAF Pressurization Pump rebuild	\$ 10,000	
80002	8020	80791	DAF Poly Pump Rebuild	\$ 5,000	
80002	8020	80801	Plug Valve Replacement	\$ 5,000	
			<i>Total TWAS & DAF System</i>		\$ 49,000
80002	8030	80811	Water Systems Pump Rebuild (2W, 3W, 3WL, 3WLC)	\$ 36,000	
80002	8030	80821	3WL Motor Replacement	\$ 8,000	
			<i>Total Water Systems</i>		\$ 44,000
80002	8050	80831	Grit Dewater 1 Replacement Parts		
80002	8050	80841	PSB Foul Air Booster Fan Replacement	\$ 40,000	
80002	8050	80851	Primary Sludge Pump Replacement	\$ 22,000	
80002	8050	80861	Primary Sed Tank Parts	\$ 20,000	
80002	8050	80871	Sludge Pump Rebuild Kit	\$ 20,000	
80002	8050	80881	Primary Area Tank Drainage Pump Rebuild	\$ 5,000	
80002	8050	80891	Plant Drainage Rebuild	\$ 8,000	
80002	8050	80901	Primary Grinder Rebuild	\$ 12,000	
80002	8050	80911	CEPT Sump Pump Replacement	\$ 15,000	
80002	8050	80921	Grit Pump Rebuilds (2)	\$ 25,000	
80002	8050	80931	Ferric / Polymer Pumps (2)	\$ 5,000	
80002	8050	80941	Replace Valves in Gallery (8"=5, 6"=5)	\$ 10,000	
			<i>Total Primary Area</i>		\$ 182,000
80002	8050	80951	FOG Transporter (Lobe Pump) Rebuild	\$ 11,500	
80002	8050	80961	FOG Metering Pump Rebuild	\$ 7,000	
			<i>Total FOG System</i>		\$ 18,500
80002	8060	80971	New Chlorine Pump	\$ 5,000	
80002	8060	80981	New Tank Drainage Pump	\$ 12,000	
80002	8060	80991	WAS Valve Replacements (4)	\$ 10,000	
80002	8060	81001	ORF III Fan Replacement	\$ 40,000	
80002	8060	81021	RAS Pump Replacement	\$ 30,000	
80002	8060	81031	Aeration Basin DO Probe Replacements (1 basin)	\$ 31,000	
80002	8060	81041	WAS Pump Rebuild	\$ 10,000	
			<i>Total Secondary Area</i>		\$ 138,000

Org	Object	Project	Description	Amount	Totals
80002	8070	81051	Flame Arrestor Replace	\$ 10,000	
80002	8070	81061	Digester Mix Pump Minor Rebuild	\$ 8,000	
80002	8070	81081	Digester Transfer Pump Rebuild	\$ 8,500	
80002	8070	81091	Digester #2 Recirculation Rebuild	\$ 11,000	
80002	8070	81101	Digester Hot Water Pump Replacement	\$ 5,000	
80002	8070	81111	Digester Heat Recirculation Pump Rebuild	\$ 12,500	
			<i>Total Digester Area</i>		\$ 55,000
80002	8080	81121	Centrifuge Feed Pump Grinder Rebuild	\$ 11,000	
80002	8080	81131	Centrifuge Feed Pump and Motor Rebuild	\$ 25,000	
			<i>Total Centrifuge Feed Pit</i>		\$ 36,000
80002	8080	81141	Cake Pump Rebuild	\$ 25,000	
80002	8080	81151	Replace Recycle Bin elevator drive unit	\$ 5,000	
80002	8010	80761	RTO Media Replacement	\$ 60,000	
80002	8080	81161	RTO Popit Valve Replacement (4)	\$ 16,000	
80002	8080	81171	Rotary Valve Replacement	\$ 16,000	
80002	8080	81181	Venturi Fan Assembly Replacement	\$ 20,000	
80002	8080	81191	Wet Scrubber Chevron Set Replacement	\$ 5,000	
80002	8080	81201	HD Furnace Safety Inspection	\$ 7,000	
80002	8080	81211	HD MCC Cooling Fan and Filter Replacement	\$ 7,000	
80002	8080	81221	HD Pellet Transport Level Control Replacement	\$ 8,000	
			<i>Total Solids Processing Equipment</i>		\$ 169,000
80002	8090	81231	New CoGen Circuit Breaker Comms	\$ 8,000	
80002	8090	81241	UPS Repair and Warranty	\$ 10,000	
			<i>Total Cogeneration System</i>		\$ 18,000
Total EWPCF – Planned Asset Rehabilitation & Replacement					\$ 989,500

EWPCF – CAPITAL ACQUISITIONS

Org	Object	Project	Description	Amount	Totals
23002	7710	70701	Ironport Spam Filter Replacement	\$ 9,000	
23002	7710	70711	MUNIS Contract Services	\$ 50,000	
23002	7710	70721	Computer Replacement	\$ 35,000	
23002	7710	70731	Penetration Testing	\$ 10,000	
			<i>Total Information Technology</i>		\$ 104,000
23002	7730	70741	Mechanics Master Tool Sets	\$ 18,000	
23002	7730	70751	Cart Rehab/Replacement	\$ 48,000	
23002	7730	70761	Remote Autosampler for Source Control	\$ 14,700	
			<i>Total New Equipment</i>		\$ 80,700
23002	7750	70771	HACH Refrigerated Sampler-Lab Equipment	\$ 9,000	
23002	7750	70781	Lab Exhaust Fans	\$ 48,000	
23002	7750	70791	Carpet Replacement - 1st Floor Admin Bldg.	\$ 50,000	
			<i>Total Operations & Administration Building</i>		\$ 107,000
23002	7750	70801	Centrifuge Rehabilitation	\$ 55,000	
			<i>Total EWPCF Plant</i>		\$ 55,000
Total EWPCF – Capital Acquisitions					\$ 346,700

REMOTE FACILITIES – ACQUISITIONS & REHABILITATION

Org	Object	Project	Description	Amount	Totals
31002	7750	70830	AHPS - Grinder Rebuild	\$ 28,000	
31002	7750	70840	AHPS - Pump Rebuild	\$ 15,000	
31002	7750	70850	AHPS - Unplanned Minor Rehab	\$ 15,000	
31002	7750	70860	AHPS - VFD Repairs	\$ 10,000	
31002	7750	70870	AHPS - Integration Assistance & Router	\$ 15,000	
31002	7750	70231	AHPS - SWPPPS	\$ 20,000	
			<i>Total AHPS</i>	\$	103,000
32002	7750	70811	BVPS - Minor EI&C Rehabilitation	\$ 75,000	
32002	7750	70821	BVPS - Minor Structural Rehabilitation	\$ 70,000	
32002	7750	70831	BVPS - Site Safety Improvements	\$ 40,000	
32002	7750	70910	BVPS - Grinder Rebuild	\$ 28,000	
32002	7750	70219	BVPS - Sewage Pump Rebuild	\$ 28,000	
32002	7750	70920	BVPS - Coatings and Paintings	\$ 6,000	
32002	7750	70930	BVPS - Unplanned Minor Rehabilitation	\$ 9,000	
32002	7750	70940	BVPS - Integration Assistance	\$ 15,000	
32002	7750	70960	BVPS - VFD Repairs	\$ 10,000	
			<i>Total BVPS</i>	\$	281,000
37002	7750	70841	BCPS - Minor EI&C Rehabilitation	\$ 60,000	
37002	7750	70851	BCPS - Minor Mechancial Rehabilitation	\$ 50,000	
37002	7750	70861	BCPS - Site Safety Improvements	\$ 28,000	
37002	7750	70871	BCPS - Communication Improvement	\$ 72,000	
37002	7750	70990	BCPS - Grinder Rebuild	\$ 24,000	
37002	7750	71000	BCPS - Sewage Pump Rebuild	\$ 26,000	
37002	7750	71010	BCPS - Sewage Pump Motor Rebuild	\$ 6,000	
37002	7750	71030	BCPS - Coatings and Paintings	\$ 5,000	
37002	7750	71040	BCPS - Unplanned Minor Rehabilitation	\$ 8,000	
37002	7750	71060	BCPS - Integration Assistance	\$ 15,000	
37002	7750	71050	BCPS - VFD Repairs	\$ 15,000	
			<i>Total BCPS</i>	\$	309,000
38002	7750	71061	CWRF - Reverse Osmosis Decommissioning	\$ 17,000	
38002	7750	71090	CWRF - Sodium Hypochlorite Improvements	\$ 50,000	
38002	7750	71081	CWRF - Minor Structural Rehabilitation	\$ 28,000	
38002	7750	71091	CWRF - Miscellaneous Service Requests	\$ 12,000	
38002	7750	71101	CWRF - SCADA Improvements	\$ 500,000	
38002	7750	71111	CWRF - Minor EI&C Rehabilitation	\$ 40,000	
38002	7750	70506	CWRF - Site Safety Improvements	\$ 44,000	
38002	7750	71131	CWRF - Equalization Basin Settlement	\$ 1,542,000	
38002	7750	71120	CWRF - Coatings and Paintings	\$ 10,000	
38002	7750	71110	CWRF - Unplanned Minor Rehabilitation	\$ 13,000	
38002	7750	71160	CWRF - Integration Assistance	\$ 50,000	
38002	7750	71130	CWRF - VFD Repairs	\$ 20,000	
			<i>Total CWRF</i>	\$	2,326,000

Org	Object	Project	Description	Amount	Totals
39002	7750	71191	RBPS - Minor Structural Rehabilitation	\$ 30,000	
39002	7750	71201	RBPS - Site Safety Improvements	\$ 45,000	
39002	7750	71180	RBPS - Grinder Rebuild	\$ 26,000	
39002	7750	71211	RBPS - Sewage Pump Rebuild	\$ 18,000	
39002	7750	71190	RBPS - Sewage Pump Motor Rebuild	\$ 5,000	
39002	7750	71220	RBPS - Coatings and Paintings	\$ 5,000	
39002	7750	71200	RBPS - Unplanned Minor Rehabilitation	\$ 5,500	
39002	7750	71240	RBPS - Integration Assistance	\$ 15,000	
39002	7750	71210	RBPS - VFD Repairs	\$ 8,000	
			<i>Total RBPS</i>		\$ 157,500
Total Remote Facilities – Capital Acquisitions & Rehabilitation					\$ 3,176,500

LONG-TERM CAPITAL FINANCIAL PLAN 5 YEAR *and* 20 YEAR CAPITAL BUDGET

Fiscal Year	EWPCF Capital Improvements	EWPCF Planned Asset Rehabilitation & Replacement	EWPCF Capital Acquisitions	Remote Facilities Acquisitions & Rehabilitation	Personnel Expense	Total
2021	\$ 16,921,000	\$ 989,500	\$ 346,700	\$ 3,176,500	\$ 2,815,323	\$ 24,249,023
2022	\$ 21,230,000	\$ 1,009,000	\$ 354,000	\$ 2,378,500	\$ 2,872,000	\$ 27,843,500
2023	\$ 21,349,000	\$ 1,029,000	\$ 361,000	\$ 1,004,500	\$ 2,929,000	\$ 26,672,500
2024	\$ 23,971,000	\$ 1,050,000	\$ 368,000	\$ 1,138,500	\$ 2,988,000	\$ 29,515,500
2025	\$ 27,200,000	\$ 1,071,000	\$ 375,000	\$ 686,500	\$ 3,048,000	\$ 32,380,500
5 Year Total	\$ 110,671,000	\$ 5,148,500	\$ 1,804,700	\$ 8,384,500	\$ 14,652,323	\$ 140,661,023
2026	\$ 28,000,000	\$ 1,092,000	\$ 383,000	\$ 770,500	\$ 3,109,000	\$ 33,354,500
2027	\$ 30,000,000	\$ 1,114,000	\$ 391,000	\$ 786,000	\$ 3,171,000	\$ 35,462,000
2028	\$ 30,000,000	\$ 1,136,000	\$ 399,000	\$ 802,000	\$ 3,234,000	\$ 35,571,000
2029	\$ 25,000,000	\$ 1,159,000	\$ 407,000	\$ 818,000	\$ 3,299,000	\$ 30,683,000
2030	\$ 24,000,000	\$ 1,182,000	\$ 415,000	\$ 834,000	\$ 3,365,000	\$ 29,796,000
2031 - 2035	\$ 123,000,000	\$ 6,277,000	\$ 2,201,000	\$ 4,428,000	\$ 17,861,000	\$ 153,767,000
2036 - 2040	\$ 131,000,000	\$ 6,933,000	\$ 2,431,000	\$ 4,888,000	\$ 19,718,000	\$ 164,970,000
20 Year Total	\$ 501,671,000	\$ 24,041,500	\$ 8,431,700	\$ 21,711,000	\$ 68,409,323	\$ 624,264,523