

A G E N D A
SPECIAL MEETING
SAN RAFAEL SANITATION DISTRICT
BOARD OF DIRECTORS
FRIDAY – JUNE 7, 2019 - 9:00 A.M.
SAN RAFAEL CITY HALL
1400 FIFTH AVENUE – CONFERENCE ROOM 201
SAN RAFAEL, CALIFORNIA 94901

Members of the public may speak on Agenda items.

1. OPEN PERIOD

Opportunity for the public to address the Board on items not on the agenda.
(Presentations are generally limited to 2 minutes.)

2. MINUTES OF THE MEETING

Request approval as submitted – April 29, 2019.

3. PAYMENTS

Request approval as submitted.

4. OLD BUSINESS

None.

5. NEW BUSINESS

a. Review draft 2019-20 and 2020-21 Budget.

6. INFORMATIONAL ITEMS

7. DIRECTOR REPORTS/REQUESTS FOR FUTURE AGENDA ITEMS

8. ADJOURNMENT

The next scheduled meeting is June 12, 2019.

SAN RAFAEL SANITATION DISTRICT
Minutes of the Meeting
April 29, 2019

Special Meeting

City of San Rafael
Conference Room 201
1400 Fifth Avenue
San Rafael, CA 94901

The meeting was called to order at 2:06 P.M. by Chair Phillips.

Attendance Board: Gary O. Phillips, Chair
Katie Rice, Director

Attendance Staff: Doris Toy, District Manager/District Engineer
Karen Chew, Senior Civil Engineer
Cynthia Hernandez, District Secretary

Attendance Mike Prinz, General Manager of LGVSD
Dean DiGiovanni, CMSA Commissioner for SRSD
Jason Dow, General Manager of CMSA

1. OPEN PERIOD - No persons were present to address the Board.

2. MINUTES OF MARCH 13, 2019.

MOTION by Director Rice, seconded by Chair Phillips, to approve the minutes of the March 13, 2019, meeting as presented.

AYES: Director Rice, Chair Phillips

NOES: None

ABSENT: Director Bushey

Motion Carried

3. PAYMENTS

MOTION by Director Rice, seconded by Chair Phillips, to approve the payments for March 2019 in the amount of \$1,125,527.94 for maintenance and operation of the District and for capital improvements.

AYES: Director Rice, Chair Phillips

NOES: None

ABSENT: Director Bushey

Motion Carried

4. OLD BUSINESS

a. Consider approval of the Amended CMSA Joint Exercise of Powers Agreement.

District Manager Toy gave a brief recap on what had taken place at the February 2019 Board meeting. She reported that the City of Larkspur had sent a letter to CMSA stating its desire to withdraw from the CMSA JPA, and the JPA Agreement had been amended to reflect the changes associated with Larkspur's withdrawal. She also reported that she had brought a copy of the Amended JPA to the SRSD February meeting for Board approval, and the Board was fine with the Amended JPA but felt that Larkspur should have a separate agreement with the JPA member agencies. Next, Manager Toy reported that although some progress had been made toward the preparation of an agreement between Larkspur and the JPA member agencies, it was never adopted because the attorneys could not agree upon the language; and it was decided that the revised CMSA JPA would be sufficient. CMSA Manager Dow then reported that the CMSA Board was fine with the amendments to the CMSA JPA but that SRSD Director Bushey felt that there should also be a separate agreement between Larkspur and the JPA member agencies, which would provide for the member agencies to grant approval of Larkspur's withdrawal from the JPA and for indemnification of the member agencies regarding any financial issues associated with the withdrawal. CMSA Manager Dow reported that he had approached Larkspur with this request, and Larkspur decided that they would not have a separate agreement with the JPA member agencies because they felt that approval of the Amended JPA was sufficient. However, Larkspur was agreeable to having an agreement just between Larkspur and CMSA, but that agreement was never approved because SD2's attorney had some issues with the language. CMSA Manager Dow then reported that SD2's attorney was okay with the Amended JPA, which was then approved by Corte Madera's Town Council. Chairman Phillips then reported that he would prefer to table this matter until Director Bushey is able to attend the meeting.

MOTION by Director Rice, seconded by Chair Phillips, to table approval of the Amended CMSA Joint Exercise of Powers Agreement until Director Bushey is able to attend the meeting.

AYES: Director Rice, Chair Phillips

NOES: None

ABSENT: Director Bushey

Motion Carried

5. NEW BUSINESS

a. Adopt resolution authorizing the District Manager/District Engineer to sign an Amendment to Agreement with Nute Engineering for additional design and construction related services for the San Pedro Pump Station Improvements Project.

District Manager Toy reported that back in October 2016 the District entered into a Professional Services Agreement with Nute Engineering for design and construction related services for the San Pedro Pump Station Improvements Project, which includes

the replacement of a gravity sewer line that connects to the pump station from Marina Boulevard. She reported that the bid opening was held in April 2017, and the lowest bid was 35% above the Engineer's Estimate. She then reported that the Board had rejected all bids, and the project was rebid in the winter when there were more competitive bids. She also reported that the replacement of the gravity sewer line was performed as a separate project and had since been completed. Next, Manager Toy reported that when the San Pedro Pump Station Improvements Project was rebid in December 2017, it was awarded to Valentine Corporation, and it too had been completed. She then reported that because the replacement of the gravity sewer line was performed separately and removed from the original project, Nute Engineering had to spend additional time revising and repackaging the rebid for this project, which increased their costs. She then reported that Nute had requested an increase of \$21,978.00 over their original contract amount of \$265,081.00 due to the additional work performed.

MOTION by Director Rice, seconded by Chair Phillips, to adopt the resolution authorizing the District Manager/District Engineer to sign an Amendment to Agreement with Nute Engineering for additional design and construction related services for the San Pedro Pump Station Improvements Project for an additional amount of \$21,978.00.

AYES: Director Rice, Chair Phillips

NOES: None

ABSENT: Director Bushey

Motion Carried

b. Consider a sewer lateral ordinance.

District Manager Toy reported that she had done some research to compare the average summer flow with the average winter flow being sent from SRSD to CMSA because of the large amount of rain that was received in February 2019. She reported that the average flow for last summer was approximately 3.5 million gallons per day, which would be approximately 100 million gallons per month; and the average flow in February 2019 was approximately 10.9 million gallons per day, which would be approximately 300 million gallons per month (approximately three times the amount of the summer flow). Manager Toy reported that the additional 200 million gallons of flow in February was due to inflow and infiltration (I/I). She then referred to a diagram and reported that inflow comes from illegal tie-ins, such as roof drains, sump pumps, uncapped cleanouts, etc.; and infiltration comes from broken pipes or pipes with cracks or separated joints, etc. She also reported that for the past seven years the District has been replacing lower laterals as part of its capital improvement projects as well as offering property owners the option of having their upper laterals replaced (at their cost) while the contractor is already on site, which gives them a better price. Manager Toy then reported that approximately one third of the sewer lines within the District are laterals. She also reported that over the past seven years, the District has replaced approximately 4% of the laterals (as part of its Capital Improvement Program), while property owners have replaced approximately 9% of the laterals, which does not amount to much headway in the elimination of I/I. She reported that the District would like for property owners to become more involved in the replacement of their sewer laterals. Manager Toy reported that LGVSD and SRSD have been working together to update their Sewer Lateral Standards and Specifications and

would also like to work together to develop a sewer lateral ordinance, since LGVSD is currently working on this. She then reviewed some triggers for inspection and testing of sewer laterals that were developed by LGVSD that could be used in the lateral ordinance if the Board chooses to proceed with this proposal. They are as follows: A remodel above a certain value or an illegal connection, a change in use, the sale of a property/transfer of a title, a private sanitary sewer overflow, or a pool overflow. It was also reported that SRSD is a co-permittee on the CMSA NPDES permit, and the compliance schedule includes the consideration of a sewer lateral ordinance. Director Rice then reported that she feels it is best practice to have something in place to reduce the I/I. Chair Phillips then expressed concern in regard to an ordinance that would require a lateral inspection at the point of sale, and Manager Toy reported that SRSD and LGVSD would be proposing a two-year grace period for the repair/replacement of a sewer lateral so that the sale of a property would not be delayed. She also reported that SRSD and LGVSD would be meeting with the Marin Association of Realtors to discuss the possibility of having a point-of-sale lateral inspection requirement. Director Rice then suggested learning more about RVSD's point-of-sale requirements and bringing that information back to the Board before meeting with the realtors.

c. Consider canceling May 8th meeting and rescheduling.

District Manager Toy suggested cancelling the regular May 8th Board meeting, since it would be coming up next week, and scheduling a meeting for the end of May instead. Director Rice reported that she would be gone from May 18-31 and the last week of June, but the next meeting could be held without her. Chair Phillips reported that he too might be gone part of that time and recommended that the next meeting be scheduled for the next available date. Manager Toy then reported that she wanted to bring a draft budget to the next meeting so that the Board could adopt the final budget in June.

6. INFORMATIONAL ITEMS.

a. Update on the SMART project.

District Manager Toy reported that the concrete pad over the existing force main had been completed and that a sleeve for the new pipe had been installed underneath the railroad tracks (approximately 50 feet from the current pipe) for the future installation of a new pipe. She also reported that the Grant of Underground Easement from SMART for the existing pipe had been recorded and that the District was waiting on an easement for the new sleeve.

7. DIRECTOR REPORTS/REQUESTS FOR FUTURE AGENDA ITEMS.

Director Rice requested an update on the retaining wall on Bret Harte Road, and Manager Toy reported that she had planned to budget for this work. Director Rice also requested an update on the sewer issue on Alpine Street, and Manager Toy reported that staff had been working on getting the District's insurance company more involved. She also reported that the District's Legal Counsel, Jack Govi, had sent letters to the insurance companies involved

and that she had met with the property owners and their attorney. She then reported that the District is making headway on this matter. Chairman Phillips then inquired whether the District is on schedule with its Capital Improvement Program, and Manager Toy reported that the projects had slowed down due to a shortage of personnel.

8. ADJOURNMENT

There being no further business to come before the Board, the meeting of April 29, 2019, was adjourned at 2:35 P.M. The next meeting of the San Rafael Sanitation District scheduled for Wednesday, May 8, 2019, was canceled; and a special meeting was later scheduled for Friday, June 7, 2019, at 9:00 A.M. at San Rafael City Hall.

Respectfully submitted,

Katie Rice, Acting Recording Secretary

ATTEST THIS 7th DAY OF JUNE 2019

Gary Phillips, Chair



SAN RAFAEL SANITATION DISTRICT
PAYMENT SUMMARY
April 1, 2019 - April 30, 2019
 Vendor/Payee

				Class	Acct #	Account Name	Amount
ARAMARK UNIFORM SERVICES	Uniforms - weekly service ending 3/20/19			200	2021	Uniforms	326.18
ARAMARK UNIFORM SERVICES	Uniforms - weekly service ending 3/27/19			200	2021	Uniforms	130.00
ARAMARK UNIFORM SERVICES	Uniforms - weekly service ending 4/03/19			200	2021	Uniforms	155.15
ARAMARK UNIFORM SERVICES	Uniforms - weekly service ending 4/10/19			200	2021	Uniforms	155.15
AT&T *4667	Telephone Service - pump station dialers to CMSA from 2/20/19-3/19/19			100	2534	Telephone service	240.18
AT&T *9362	Telephone Service - land lines for pump stations and dialers from 3/02/19-4/01/19			100	2534	Telephone service	339.42
AT&T MOBILITY	Telephone Service - cell phone service from 3/04/19-4/03/19			100	2534	Telephone service	664.01
BXPRESS	Sewer Pipe Repair 2018, Phase 1 - plans & specs			300	4332	Sewer Pipe Repair '18, Phs1(80)	94.79
BRANDON TIRE	Vehicles - new tire for portable generator			200	2083	Parts and repairs vehicles	145.09
BRANDON TIRE	Vehicles - two tires and a rim for the vactor truck, vehicle #8192			200	2083	Parts and repairs vehicles	1,067.17
BRANDON TIRE	Vehicles - two tires and a valve for the vactor truck, vehicle #8192			200	2083	Parts and repairs vehicles	1,663.24
BWS DISTRIBUTORS	Safety - calibration gas and sensor for gas detector			200	2365	Safety equipment and supplies	406.90
BWS DISTRIBUTORS	Safety - gloves			200	2365	Safety equipment and supplies	275.07
CAL-STEAM CO INC	Miscellaneous Expenses - service charge for March			100	2389	Miscellaneous expenses	3.79
CAL-STEAM CO INC	Pump Stations - parts for San Pedro Pump Station and shop stock (ball valves for ARVs)			200	2359	Maint- pump sta's & force mains	128.16
CENTRAL MARIN SANITATION AGENCY	Service Charges - fourth quarter service charges for FY2019 - 4/01/19-6/30/19 and FY2018 fourth quarter adjustment			400	4112	Sewage treatment	1,318,212.84
CITY OF SAN RAFAEL	Contract with San Rafael - 4th quarter FY 2018-19 reimbursement			100	2361	Contract with San Rafael	780,593.83
CITY OF SAN RAFAEL	Vehicles - fuel from 1/01/19-3/31/19			200	2083	Parts and repairs vehicles	7,381.42
CITY OF SAN RAFAEL	Vehicles - maintenance and repairs to vehicles #s 8149, 8155, 8174, 8180, 8190, 8191, 8192, 8193, and 8200			200	2083	Parts and repairs vehicles	2,724.83
CITY OF SAN RAFAEL	Vehicles - maintenance and repairs to vehicle #s 8197, 8154, 8192, 8201, and 8195			200	2083	Parts and repairs vehicles	1,075.73
DOWNEY BRAND LLP	Legal Services - for services thru February 2019 re: NPDES permit			100	2713	Legal services	37.50
DURACABLE MANUFACTURING	Collection System - cable for cleaning sewer pipe in easements			200	2360	O&M - collection systems	927.06
FASTENAL	Pump Stations - tool to carry on vehicle #8149			200	2359	Maint- pump sta's & force mains	62.94
FISHMAN SUPPLY COMPANY, INC.	Safety - gloves			200	2365	Safety equipment and supplies	32.96
FRANK OLSEN CO	Pump Stations - adapter for Beach Drive Fiberglass Pump Station			200	2359	Maint- pump sta's & force mains	204.12
GOLDSTREET DESIGN AGENCY, INC	Public Outreach - posters and flyers on preventing sewer blockages			100	2321	Public outreach	1,454.12
HARRIS, RANDY	Refunds - CMSA share of refund of FY2013-14 to FY2016-17 sewer service charges for 1945 Francisco Blvd. East			100	2122	Rebate/Refunds	2,434.99
HARRIS, RANDY	Refunds - SRSD share of refund of FY2013-14 to FY2016-17 sewer service charges for 1945 Francisco Blvd. East			100	2122	Rebate/Refunds	3,730.08
HERMANDEZ, CYNTHIA	Miscellaneous Expenses - petty cash reimbursement for new Sewer Maintenance Workers Class B Driver Permit			100	2389	Miscellaneous expenses	76.00
MAHER ACCOUNTANCY	Accounting Services - April			100	2717	Accounting services	3,600.00
MARIN ROTO-ROOTER SEWER SERVICE, INC	Collection System - replacement of sewer main between 333 and 334 Bayview Street			200	2360	O&M - collection systems	10,022.89
MARIN ROTO-ROOTER SEWER SERVICE, INC	Standby - service at 81 Point San Pedro Road			200	2363	Standby services	650.00
MARIN ROTO-ROOTER SEWER SERVICE, INC	Standby - service at 1815 Fourth Street			200	2363	Standby services	650.00
MILLER PACIFIC ENGINEERING GROUP	Bret Harte Easement - geotechnical services from 2/13/17-9/20/18			300	4327	Bret Harte Easement new(80)	999.40
MILLER PACIFIC ENGINEERING GROUP	Bret Harte Easement - geotechnical services from 2/06/19-2/17/19			300	4327	Bret Harte Easement new(80)	787.50
MILLER PACIFIC ENGINEERING GROUP	Caltrans San Rafael Harbor Bridge - geotechnical services from 1/07/19-2/10/19			100	4331	Caltrans SR Harbor Bridge (80)	1,356.00
MUIRHEAD, THOMAS	Claims & Deductibles - reimbursement for video inspection of sewer lateral at 209 Alpine Street			100	2051	Claims and deductibles	89.00
NAPA TRUCK CARE CENTER/J W MOBILE	Vehicles - repairs to vehicle #8149			200	2083	Parts and repairs vehicles	569.62
NUTE ENGINEERING	Caltrans San Rafael Harbor Bridge - services from 2/01/19-2/28/19			300	4331	Caltrans SR Harbor Bridge (80)	1,576.00
NUTE ENGINEERING	Caltrans San Rafael Harbor Bridge - services from 3/01/19-3/31/19			300	4331	Caltrans SR Harbor Bridge (80)	2,832.50
NUTE ENGINEERING	Rehab Gravity Sewer System - design for sewer lateral alignment for 1848 Fourth Street			300	4302	Rehab of Gravity Sewer (80Yr)	394.00

NUTE ENGINEERING	300	4147	San Pedro Pump Station (10)	San Pedro Pump Station Improvements Project - services from 8/01/18-8/31/18	7,071.50
NUTE ENGINEERING	300	4148	S. Francisco Pump Station (10)	South Francisco Pump Station Improvements Project - services from 2/01/19-2/28/19	11,893.25
NUTE ENGINEERING	300	4148	S. Francisco Pump Station (10)	South Francisco Pump Station Improvements Project - services from 3/01/19-3/31/19	19,400.83
PAC MACHINE CO	200	2359	Maint-pump sta's & force mains	Pump Stations - standpipe parts	2,847.42
PERIN - BATTERIES PLUS	200	2359	Maint-pump sta's & force mains	Pump Stations - battery for pump station auto-dialer	15.21
PERIN - BATTERIES PLUS	200	2359	Maint-pump sta's & force mains	Pump Stations - portable welder	76.73
PETERSON TRUCKS INC	200	2083	Parts and repairs vehicles	Vehicles - repair to vector truck vehicle #8192	6,031.96
PG&E	300	4148	S. Francisco Pump Station (10)	South Francisco Pump Station Improvements Project - engineering advance for electrical design at South Francisco PS	2,000.00
PG&E a/c 2480926202-5	200	2535	Electric utility costs	Power - electric service for pump stations 2/08/19-3/11/19	30,594.96
SHAMROCK	200	2359	Maint-pump sta's & force mains	Pump Stations - containers to hold pumps during pump station maintenance	87.79
SONOMA-MARIN AREA RAIL TRANSIT	300	4152	North Francisco Force Main (10)	North Francisco Force Main Relocation Project - easement purchase	10,080.00
STAPLES INC	200	2360	O&M - collection systems	Collection System - memory card for CCTV camera	32.68
STAPLES INC	100	2133	Office & shop supplies	Office Supplies - miscellaneous supplies	86.76
STAPLES INC	200	2359	Maint-pump sta's & force mains	Pump Stations - file box for paperwork at San Pedro Pump Station	20.70
THOMAS AND ASSOCIATES	200	2359	Maint-pump sta's & force mains	Pump Stations - new pump for Beach Drive Fiberglass Pump Station	4,434.67
TIFCO INDUSTRIES	200	2359	Maint-pump sta's & force mains	Pump Stations - tool and shop stock parts	81.20
US BANK CORPORATE PAYMENT	100	2051	Claims and deductibles	Claims & Deductibles - encroachment permit for 205 Alpine Street for driveway apron and sidewalk repaving	246.00
US BANK CORPORATE PAYMENT	100	2051	Claims and deductibles	Claims & Deductibles - enzyme disinfectant for 205 Alpine Street	182.41
US BANK CORPORATE PAYMENT	100	2051	Claims and deductibles	Claims & Deductibles - enzyme disinfectant for 205 Alpine Street	1,000.00
US BANK CORPORATE PAYMENT	100	2051	Claims and deductibles	Claims & Deductibles - injector for disinfectant for 205 Alpine Street	17.54
US BANK CORPORATE PAYMENT	200	2360	O&M - collection systems	Collection System - tracing dye	478.00
US BANK CORPORATE PAYMENT	300	4321	Emergency Projects	Emergency Projects - encroachment permit for 614 E Street for sewer main repair	246.00
US BANK CORPORATE PAYMENT	300	4321	Emergency Projects	Emergency Projects - encroachment permit for 632 Belle Avenue for sewer lateral repair	246.00
US BANK CORPORATE PAYMENT	200	2106	Odor control chemicals	Odor Control - two totes for use as temporary containers for odor control chemicals	150.00
US BANK CORPORATE PAYMENT	100	2131	Memberships and subscriptions	Subscriptions - Marin Independent Journal for 8 weeks	172.00
US BANK CORPORATE PAYMENT	100	2388	Training and education	Training & Education - Collection System O&M class for new Maintenance Worker	195.00
VALENTINE CORPORATION	100	2051	Claims and deductibles	Claims & Deductibles - Alpine Street sewer main repairs	15,712.84
VALENTINE CORPORATION	300	4200	Emergency Projects	Emergency Projects for Pump Stations & Force Mains - emergency repair on FM at Beach Drive Fiberglass PS	26,973.29
VERIZON WIRELESS	100	2534	Telephone service	Telephone Service - wireless service for laptops 2/21/19-3/20/19	266.07
WATER COMPONENTS & BLDG SUPPLY	200	2360	O&M - collection systems	Collection System - concrete for manhole repair at 632 Belle Avenue	165.56
WATER COMPONENTS & BLDG SUPPLY	200	2360	O&M - collection systems	Collection System - parts and rock for sewer repair at 84 Terradillo Avenue	173.79
WATER COMPONENTS & BLDG SUPPLY	200	2360	O&M - collection systems	Collection System - parts and rock for sewer repair at 84 Terradillo Avenue	92.17
WATER COMPONENTS & BLDG SUPPLY	200	2360	O&M - collection systems	Collection System - tape measurer	13.06
WATER COMPONENTS & BLDG SUPPLY	200	2359	Maint-pump sta's & force mains	Pump Stations - parts to transfer Bioxide from Loch Lomond Pump Station to a tote	25.65
WECO INDUSTRIES LLC	200	2360	O&M - collection systems	Collection System - blades and adapter rod for power rodder trucks	713.95
WECO INDUSTRIES LLC	200	2360	O&M - collection systems	Collection System - parts for power rodder	1,359.98
WOODLAND CTR AUTO SUPPLY	200	2360	O&M - collection systems	Collection System - air gauge for vector truck	39.21
WOODLAND CTR AUTO SUPPLY	200	2360	O&M - collection systems	Collection System - gas mix	6.53
WOODLAND CTR AUTO SUPPLY	200	2359	Maint-pump sta's & force mains	Pump Stations - belt for motor at Beach Drive Fiberglass Pump Station	13.18
WOODLAND CTR AUTO SUPPLY	200	2359	Maint-pump sta's & force mains	Pump Stations - belt for motor at Beach Drive Fiberglass Pump Station	39.53
WORKSMART AUTOMATION, INC	200	2359	Maint-pump sta's & force mains	Pump Stations - installation of FactoryTalk View for work with SCADA program	1,307.00
					\$ 2,292,682.05



**SAN RAFAEL SANITATION DISTRICT
PAYMENT SUMMARY**

May 1, 2019 - May 31, 2019
Vendor/Payee

Vendor/Payee	Memo	Class	Acct #	Account Name	Amount
3T EQUIPMENT COMPANY	Collection System - power rodder parts	200	2360	O&M - collection systems	624.68
ARAMARK UNIFORM SERVICES	Uniforms - weekly service ending 4/24/19	200	2021	Uniforms	100.51
ARAMARK UNIFORM SERVICES	Uniforms - weekly service ending 5/08/19	200	2021	Uniforms	100.51
AT&T *4667	Telephone Service - pump station dialers to CMSA from 3/20/19-4/19/19	100	2534	Telephone service	240.20
AT&T *8362	Telephone Service - land lines for pump stations and dialers from 4/02/19-5/01/19	100	2534	Telephone service	350.95
CALIFORNIA CAD SOLUTIONS INC	Facilities Mapping Services - April cleaning system updates on GIS	100	4188	Facilities mapping services	2,250.00
CALIFORNIA DIESEL & POWER INC.	Pump Stations - annual load bank testing of Bret Harte PS generator	200	2359	Maint- pump sta's & force mains	1,625.00
CALIFORNIA DIESEL & POWER INC.	Pump Stations - annual load bank testing of Cayes Main PS portable generator	200	2359	Maint- pump sta's & force mains	1,672.50
CALIFORNIA DIESEL & POWER INC.	Pump Stations - annual load bank testing of Peacock PS portable generator	200	2359	Maint- pump sta's & force mains	1,325.00
CALIFORNIA DIESEL & POWER INC.	Pump Stations - annual load bank testing of San Pedro PS portable generator	200	2359	Maint- pump sta's & force mains	1,325.00
CALIFORNIA DIESEL & POWER INC.	Pump Stations - annual load bank testing of Simms St. PS generator	200	2359	Maint- pump sta's & force mains	1,675.00
DIEGO TRUCK REPAIR	Vehicles - towing service for vector truck, vehicle #8192	200	2083	Parts and repairs vehicles	967.50
DURACABLE MANUFACTURING	Collection System - power rodder parts	200	2360	O&M - collection systems	586.21
EWERS ENGINEERING INC	Force Main Condition Assessment Program Development, Phase 2 - engineering services for 1/09/19-4/10/19	300	4151	Force Main Condition Assess(10)	9,387.03
FEDERAL EXPRESS CORPORATI	N. Francisco Force Main Relocation Project - shipping fee for Easement Grant Deed and payment	300	4152	North Francisco Force Main (10)	25.80
JACKSON'S HARDWARE	Pump Stations - parts for Andersen B Pump Station discharge pipe replacement	200	2359	Maint- pump sta's & force mains	65.29
MARIN COUNTY TAX COLLECTOR	County Counsel - 3rd quarter Jan/Feb/Mar FY 2018/19	100	2713	Legal services	2,270.00
MARIN MUNICIPAL WATER DIS	Water - 44 Lagoon Road from 2/15/19-4/16/19	200	2536	Water utility costs	50.07
MARIN MUNICIPAL WATER DIS	Water - 1271 Andersen Drive from 2/09/19-4/10/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - 3106 Kerner Blvd. from 2/14/19-4/15/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Andersen Drive from 2/09/19-4/10/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Castro Ave. from 2/13/19-4/12/19	200	2536	Water utility costs	364.36
MARIN MUNICIPAL WATER DIS	Water - Catalina Blvd. from 2/13/19-4/12/19	200	2536	Water utility costs	85.76
MARIN MUNICIPAL WATER DIS	Water - E. Francisco Blvd. from 2/13/19-4/12/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - E. Francisco Blvd. from 2/14/19-4/15/19	200	2536	Water utility costs	230.76
MARIN MUNICIPAL WATER DIS	Water - Montecito Road from 2/14/19-4/15/19	200	2536	Water utility costs	58.31
MARIN MUNICIPAL WATER DIS	Water - North San Pedro Road from 2/15/19-4/16/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Peacock Drive from 2/15/19-4/16/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Pt. San Pedro Road from 2/14/19-4/15/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Riviera Drive LT28 Sewer Pump from 2/15/19-4/16/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Simms Street from 2/09/19-4/10/19	200	2536	Water utility costs	46.57
MARIN MUNICIPAL WATER DIS	Water - Woodland Ave. from 2/09/19-4/10/19	200	2536	Water utility costs	50.55
MARIN ROTO-ROOTER SEWER SERVICE, INC	Standby - service at 10 Bayview Drive	200	2363	Standby services	650.00
MARIN ROTO-ROOTER SEWER SERVICE, INC	Standby - service at Fremont Road & Marquard Avenue, manhole no. MH1984	200	2363	Standby services	731.25
PERIN - BATTERIES PLUS	Pump Stations - dialer battery for Loch Lomond Pump Station	200	2359	Maint- pump sta's & force mains	15.21
PERIN - BATTERIES PLUS	Shop Supplies - batteries	200	2133	Office & shop supplies	80.33
PG&E a/c 2480926202-5	Power - electric service for pump stations March-April 2019	200	2535	Electric utility costs	16,487.33
PLATT	Pump Stations - spare fuses for shop stock	200	2359	Maint- pump sta's & force mains	35.71
PUMP REPAIR SERVICE CO	Pump Stations - repair to pump station at Andersen A Pump Station	200	2359	Maint- pump sta's & force mains	5,449.78
TELSTAR INSTRUMENTS INC	Pump Stations - annual preventative maintenance	200	2359	Maint- pump sta's & force mains	7,933.00
TIFCO INDUSTRIES	Pump Stations - parts for shop stock	200	2359	Maint- pump sta's & force mains	72.99

TIFCO INDUSTRIES	Safety - safety goggles	200	2365	Safety equipment and supplies	55.28
US BANK CORPORATE PAYMENT	Collection System - CCTV camera anode holder	200	2360	O&M - collection systems	3.01
US BANK CORPORATE PAYMENT	Collection System - sonde for locating underground pipes	200	2360	O&M - collection systems	337.98
US BANK CORPORATE PAYMENT	Office Supplies - certificate holders	100	2133	Office & shop supplies	49.50
US BANK CORPORATE PAYMENT	Office Supplies - file folders	100	2133	Office & shop supplies	16.34
US BANK CORPORATE PAYMENT	Training & Education - 8-hour Hazwoper Annual Refresher course for Construction Inspector	100	2388	Training and education	126.00
VERIZON WIRELESS	Telephone Service - wireless service for laptops 3/21/19-4/20/19	100	2534	Telephone service	266.07
WATER COMPONENTS & BLDG SUPPLY	Pump Stations - parts for Andersen B Pump Station discharge pipe replacement	200	2359	Maint- pump sta's & force mains	95.12
WATER COMPONENTS & BLDG SUPPLY	Pump Stations - replacement discharge pipe for Andersen B Pump Station	200	2359	Maint- pump sta's & force mains	354.61
WECO INDUSTRIES LLC	Collection System - power rodder parts	200	2360	O&M - collection systems	926.47
WOODLAND CTR AUTO SUPPLY	Pump Stations - fan belts for wet well fans at North Francisco PS	200	2359	Maint- pump sta's & force mains	66.66
WOODLAND CTR AUTO SUPPLY	Pump Stations - oil for pump station pumps	200	2359	Maint- pump sta's & force mains	75.34
WOODLAND CTR AUTO SUPPLY	Pump Stations - reducer sleeve for hitching various equipment	200	2359	Maint- pump sta's & force mains	35.96
WOODLAND CTR AUTO SUPPLY	Pump Stations - sleeve for trailer hitch for pump trucks	200	2359	Maint- pump sta's & force mains	19.28
					\$ 59,732.94



SAN RAFAEL SANITATION DISTRICT
BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021

	FY2020	FY2021
OPERATING FUND		
RESOURCES AVAILABLE:		
FUND BALANCE, BEGINNING	\$ 14,809,128	\$ 13,373,102
REVENUES		
Property taxes	1,738,578	1,773,248
User fees	17,063,942	17,063,942
Connection fees	144,188	144,188
Interest income	455,365	455,365
Total revenues	<u>19,402,074</u>	<u>19,436,744</u>
TOTAL RESOURCES AVAILABLE	<u>\$ 34,211,202</u>	<u>\$ 32,809,846</u>
RESOURCES EXPENDED AND REMAINING		
EXPENDITURES		
Operations and maintenance	\$ 4,517,100	\$ 4,665,400
Sewage treatment (CMSA)	7,211,000	7,496,000
Transfers to Capital Funds		
Equipment acquisition fund	310,000	310,000
Capital improvement projects:		
80-year life-cycle sewer replacement	5,550,000	5,710,000
Pump station & force main capital improvements	3,250,000	2,000,000
TOTAL EXPENDITURES	<u>20,838,100</u>	<u>20,181,400</u>
ENDING FUND BALANCE		
Assigned:		
Working capital	5,825,000	6,675,000
Pension and other post-retirement benefits	4,700,000	4,700,000
Emergencies	1,000,000	1,000,000
Total assigned	<u>11,525,000</u>	<u>12,375,000</u>
Unassigned	<u>1,848,102</u>	<u>253,446</u>
Total ending fund balance	<u>13,373,102</u>	<u>12,628,446</u>
TOTAL RESOURCES EXPENDED & REMAINING	<u>\$ 34,211,202</u>	<u>\$ 32,809,846</u>
EQUIPMENT ACQUISITION FUND		
FUND BALANCE, BEGINNING	\$ 1,717,088	\$ 1,278,088
Transfers from Operating Fund	310,000	310,000
Expenditures	(749,000)	(237,000)
FUND BALANCE, ENDING	<u>\$ 1,278,088</u>	<u>\$ 1,351,088</u>
80-YEAR LIFE-CYCLE SEWER REPLACEMENT		
FUND BALANCE, BEGINNING	\$ 12,940,854	\$ 11,276,154
Transfers from Operating Fund	5,550,000	5,710,000
Expenditures	(\$7,214,700)	(\$5,965,000)
FUND BALANCE, ENDING	<u>\$ 11,276,154</u>	<u>\$ 11,021,154</u>
PUMP STATION & FORCE MAIN CAPITAL IMPROVEMENTS		
FUND BALANCE, BEGINNING	\$ 4,096,363	\$ 5,369,363
Transfers from Operating Fund	3,250,000	2,000,000
Expenditures	(\$1,977,000)	(\$2,773,000)
FUND BALANCE, ENDING	<u>\$ 5,369,363</u>	<u>\$ 4,596,363</u>

SUPPORTING SCHEDULES

PROPOSED

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 EXPENDITURE DETAILS

Acct. Code	Account Title	Description	Actual 2017-18	Budget 2018-19	Projected 2018-19	Proposed 2020-20	Proposed 2021-22	Comments
FUND 74600 - OPERATIONS & MAINTENANCE								
2361	Contractual Costs to City of San Rafael	Salaries, benefits, summer help, technology replacement, utilities	\$ 2,829,310	\$ 3,058,926	\$ 3,122,375	\$ 3,105,000	\$ 3,198,200	City Estimate plus estimated inflation
2388	Staff Training, Education, and Memberships	Registration, tuition, manuals, texts, etc. for District personnel training and certification courses & seminars on confined space, SSMP, management, etc.	\$ 3,223	\$ 1,800	\$ 3,767	\$ 4,000	\$ 4,200	Based on 2018-19 Projection plus estimated inflation
2477	Conferences	Travel, lodging, and related expenses for Board and staff, CASA quarterly meetings, and other misc. conferences	\$ -	\$ 5,632	\$ -	\$ 6,000	\$ 6,200	Based on 2018-19 Projection plus estimated inflation
2131	Memberships & Subscriptions	Annual membership dues	\$ 10,814	\$ 14,848	\$ 12,200	\$ 14,600	\$ 15,100	Based on 2018-19 Projection plus estimated inflation
Details:								
	USA		\$ 200	\$ 200	\$ 150	\$ 200	\$ 200	
	State WRCB		\$ 2,300	\$ 2,300	\$ 2,286	\$ 2,300	\$ 2,300	
	CASA		\$ 9,000	\$ 9,000	\$ 8,913	\$ 9,000	\$ 9,000	
	Main L.J.		\$ 500	\$ 500	\$ 673	\$ 700	\$ 500	
	BACWA		\$ 1,500	\$ 1,500	\$ -	\$ 1,500	\$ 1,500	
	Other		\$ 1,348	\$ 1,348	\$ 178	\$ 900	\$ 1,600	
	Total		\$ 14,848	\$ 14,848	\$ 12,200	\$ 14,600	\$ 15,100	
2534	Telephone Service	District office, District fax, pump stations, cell phones, pagers, dialers for pump stations, laptop connection cards	\$ 20,790	\$ 15,590	\$ -	\$ 20,800	\$ 21,400	Based on 2018-19 Projection plus estimated inflation
2282	Director Fees	Payment to Board of Directors for meetings	\$ 2,900	\$ 5,120	\$ 2,933	\$ 5,000	\$ 5,200	Based on meetings expected
2713	Legal Services	Legal services performed by the County Counsel and outside counsel for the District.	\$ 35,448	\$ 30,720	\$ 11,846	\$ 31,000	\$ 32,000	Based on 2018-19 Projection, a reserve for unidentified matters, plus estimated inflation
2325	Consulting Services	Engineering, professional and specialized consulting services	\$ 74,006	\$ 66,560	\$ 30,900	\$ 60,000	\$ 61,800	Based on 2018-19 Projection plus estimated inflation
Details:								
	Nute engineering		\$ 44,032	\$ 44,032	\$ 7,500	\$ 36,000	\$ 36,664	
	California CAD		\$ 5,120	\$ 5,120	\$ 6,000	\$ 6,000	\$ 6,144	
	Audit of financial statement		\$ 16,384	\$ 16,384	\$ 14,400	\$ 16,000	\$ 16,384	
	Other		\$ 1,024	\$ 1,024	\$ 3,000	\$ 2,000	\$ 2,408	
	Total		\$ 59,100	\$ 57,549	\$ 60,000	\$ 55,200	\$ 68,900	Based on 2018-19 Projection plus estimated inflation
2717	Accounting and financial management services		\$ 59,100	\$ 57,549	\$ 60,000	\$ 55,200	\$ 68,900	Based on 2018-19 Projection plus estimated inflation
Details:								
	Maher Accountancy		\$ 43,200	\$ 43,200	\$ 43,200	\$ 43,200	\$ 43,200	
	Monthly accounting		\$ 14,349	\$ 14,349	\$ 9,900	\$ 12,000	\$ 25,700	Add budget development in year 2021
	Special projects		\$ 38,041	\$ 39,260	\$ 36,549	\$ 40,000	\$ 41,200	Based on 2018-19 Projection plus estimated inflation
6832	Tax collection fees	County Tax collection and sewer service administration fees	\$ 114,851	\$ 120,136	\$ 119,132	\$ 125,000	\$ 128,800	Based on 2018-19 Projection plus estimated inflation
2059	General Insurance	CSRWA - public liability, property, and auto insurance	\$ 3,105	\$ 35,840	\$ 1,977	\$ 36,000	\$ 37,100	Includes allowance for unidentified claims
2051	Claims and Deductibles	Claims and deductible payments	\$ -	\$ -	\$ -	\$ -	\$ -	
2321	Public Outreach	Informational fliers, website	\$ -	\$ 20,480	\$ 4,195	\$ 21,000	\$ 21,700	Plan to send out more fliers and place stickers on our vehicles
2221	Legal Notices	Publication of notices of hearings, ordinances, etc.	\$ -	\$ 1,536	\$ -	\$ 1,500	\$ 1,600	Includes allowance for unidentified items
2122	Rebates/Refunds	Refund of sewer user & connection fees	\$ -	\$ 10,240	\$ 3,730	\$ 10,000	\$ 10,300	Includes allowance for unidentified items
2133	Office/Shop Supplies	District office & maintenance	\$ 4,286	\$ 10,240	\$ 3,100	\$ 10,000	\$ 10,300	Includes allowance for unidentified items
2389	Miscellaneous expenses		\$ 458	\$ 1,536	\$ 291	\$ 1,000	\$ 1,100	Includes allowance for unidentified items

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 EXPENDITURE DETAILS

Acct. Code	Account Title	Description	Actual 2017-18	Budget 2018-19	Projected 2018-19	Proposed 2020-20	Proposed 2021-22	Comments
2359	Maintenance and Operations, Pump Stations, Force Mains, Generators	All maintenance, repairs, and supplies for pump stations and force mains, including rebuilding pumps, motors, electrical panels, controls, comminutors, replacing and/or repairing valves, replace motor control centers, etc.	\$ 138,878	\$ 218,349	\$ 196,958	\$ 220,000	\$ 226,600	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
2360	Maintenance and Operations - Collection System	All maintenance, pipe spot repairs, and supplies for collection system, including accessory parts and materials for vactor and power rodder.	\$ 189,031	\$ 140,000	\$ 160,000	\$ 200,000	\$ 206,000	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
2535	Power	Cost of electricity and gas for all pump stations	\$ 159,493	\$ 211,751	\$ 193,605	\$ 200,000	\$ 206,000	Includes allowance for unidentified items
2536	Water	Water purchases	\$ 11,286	\$ 13,995	\$ 12,814	\$ 15,000	\$ 15,500	Based on 2018-19 Projection plus estimated inflation
2363	Standby Services	Cost to respond to sewer emergencies by Roto-Rooter after hours and on weekends and holidays	\$ 23,876	\$ 40,960	\$ 22,733	\$ 40,000	\$ 41,200	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
2083	Vehicle repair & parts	Parts, maintenance, repairs, fuel & oil for District vehicles	\$ 60,400	\$ 51,200	\$ 56,496	\$ 60,000	\$ 61,800	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
2106	Odor Control	Bioxide chemical odor control for pump stations	\$ 52,968	\$ 85,016	\$ 86,606	\$ 90,000	\$ 92,700	Based on 2018-19 Projection plus estimated inflation
2021	Uniforms	Rental & cleaning of uniforms	\$ 7,320	\$ 10,240	\$ 8,768	\$ 10,000	\$ 10,300	Based on 2018-19 Projection plus estimated inflation
2365	Safety Equipment and Supplies	Equipment and supplies for on-the-job safety gear, safety signing, first aid supplies, gas detectors and confined space training equipment for compliance with OSHA requirements, including servicing fire extinguishers.	\$ 5,439	\$ 5,120	\$ 5,236	\$ 6,000	\$ 6,200	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
4045	Manhole Raising	Reimburse City of San Rafael or Marin County for raising manholes to grade upon completion of City/County street or Right-of-Way improvement projects.	\$ 4,340	\$ 55,000	\$ 25,600	\$ 55,000	\$ 56,700	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
4300	FOG Program	Fats, Oils, and Grease Program administered by CMSA	\$ 10,321	\$ 30,088	\$ 10,632	\$ 15,000	\$ 15,500	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
4188	Facilities Mapping Services	Continuation of Facilities Mapping Program and development of data base tracking system for mapping interface, data base structure, activity tracking, locating structures, easement research, mapping, sewer map books.	\$ 1,275	\$ 62,946	\$ 1,033	\$ 60,000	\$ 61,800	Based on 2018-19 Projection, allowance for unidentified items, plus estimated inflation
TOTAL MAINTENANCE & OPERATIONS			\$ 3,854,959	\$ 4,421,677	\$ 4,213,690	\$ 4,517,100	\$ 4,665,400	
FUND 74604 - CENTRAL MARIN SANITATION AGENCY								
4112	SRSD Share of Operation	Per Agency budget	\$ 4,450,947	\$ 4,725,269	\$ 4,831,854	\$ 5,251,000	\$ 5,436,000	Estimate from CMSA
4113	SRSD Share of Plant Expansion	District's proportionate share of CMSA bond payments based on the total EDU count for all JPA members per Agency budget	\$ 1,862,753	\$ 1,865,160	\$ 1,865,160	\$ 1,960,000	\$ 2,060,000	Estimate from CMSA
TOTAL CENTRAL MARIN SANITATION AGENCY			\$ 6,313,700	\$ 6,587,429	\$ 6,697,014	\$ 7,211,000	\$ 7,496,000	

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 EXPENDITURE DETAILS

Acct. Code	Account Title	Description	Actual 2017-18	Budget 2018-19	Projected 2018-19	Proposed 2020-20	Proposed 2021-22	Comments
FUND 74600 - FIXED ASSETS								
4830	Vehicle & equipment acquisition	Acquisition of vehicles, equipment & furniture	\$ 117,780	\$ 185,000	\$ 100,623	\$ 749,000	\$ 237,000	Based on Asset Replacement Schedule
TOTAL FIXED ASSETS			\$ 117,780	\$ 185,000	\$ 100,623	\$ 749,000	\$ 237,000	
FUND 74601 - CAPITAL IMPROVEMENTS								
30-YEAR LIFE-CYCLE PROGRAM								
4316	Second St, Ida to E St	Replace 1,500LF of sewer. Postpone.	\$ -	\$ 100,000	\$ -	\$ -	\$ -	
Rehabilitation of Beach Sewers-								
4320	Bayside Acres	Replace 2,800LF of sewer in beach community	\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	
4323	Woodland Pl/Ave & Octavia	Replace 1,760LF of sewer; reroute Woodland Place.	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -	
4324	Sun Valley-Calif, Solano, Alpine, Windsor	Replace 4,600LF of sewer; incl reroute from front yards to street.	\$ 60,470	\$ -	\$ -	\$ -	\$ -	
4328	2016 Pipe Bursting Sewer Rehab	Replace 1,500LF of sewer at various locations	\$ 2,020	\$ -	\$ -	\$ -	\$ -	
4329	2017 Sewer Pipe Repair and Replacement	Replace/repair 900LF of sewer.	\$ 451,200	\$ -	\$ -	\$ -	\$ -	
4330	La Crescenta, Loma Linda, Marina Sewer Impt Station Impls.	Replace 940LF of sewer prior to San Pedro Pump Station Impls.	\$ 721,566	\$ -	\$ -	\$ -	\$ -	
4302	Rehabilitation of Gravity Sewer	Replace miscel. sewer pipes	\$ 62,873	\$ 200,000	\$ 132,323	\$ 200,000	\$ 200,000	
4331	CalTrans SR Harbor Bridge	Reroute 115LF of 36" sewer pipe at Hwy 101, Central San Rafael offramp for CalTrans Harbor Bridge Project. State to reimburse.	\$ 53,146	\$ -	\$ 1,097,464	\$ -	\$ -	
4306	Miramar and Miraflores	Replace 1,500LF of sewer. include re-route.	\$ 15,539	\$ 400,000	\$ 119,207	\$ 1,020,000	\$ -	
4332	2018 Sewer Pipe Repair	Pipe repairs (3,220LF) at various location	\$ -	\$ -	\$ 935,321	\$ 500,000	\$ -	
4333	Forbes Sewer Impt	Replace 2,945LF of sewer, incl. El Cerrito, Fairhills easement.	\$ -	\$ -	\$ 2,000	\$ 1,233,000	\$ -	
4301	2018 Sewer Televising	Develop sewer facilities data; analyze sewer system capacity; CCTV Program	\$ -	\$ 400,000	\$ 380,822	\$ -	\$ -	
4334	2019 Sewer Televising	Develop sewer facilities data; analyze sewer system capacity; CCTV Program	\$ -	\$ -	\$ -	\$ 450,000	\$ -	
4335	2020 Sewer Televising	Develop sewer facilities data; analyze sewer system capacity; CCTV Program	\$ -	\$ -	\$ -	\$ -	\$ 460,000	
4336	Francisco Blvd East at Medway & Vivian	Replace 950 LF of corrugated metal pipe. Included in City's sidewalk widening project.	\$ -	\$ -	\$ -	\$ 550,000	\$ -	
4337	Sewer Repl for Richmond-SR Bridge Impt	Replace 875LF of sewer between Grange and Bay Park Center for State's project.	\$ -	\$ -	\$ -	\$ 250,000	\$ -	
4338	Rehabilitation of Beach Sewers- Bayside Acres	Replace 2,800LF of sewer in beach community	\$ -	\$ -	\$ -	\$ 350,000	\$ 1,850,000	
4339	Woodland Pl/Ave & Octavia	Replace 1,760LF of sewer; reroute Woodland Place.	\$ -	\$ -	\$ -	\$ 900,000	\$ 200,000	
4340	Third St (Hayes to Ritter)	Replace 1,790LF of sewer prior to City's Third Street Improvement Project.	\$ -	\$ -	\$ -	\$ 1,038,200	\$ -	
4341	#70-96 Bret Harre Easement	Replace/repair retaining wall in sewer easement.	\$ -	\$ 200,000	\$ 1,787	\$ 300,000	\$ 600,000	

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 EXPENDITURE DETAILS

Acct. Code	Account Title	Description	Actual 2017-18	Budget 2018-19	Projected 2018-19	Proposed 2020-20	Proposed 2021-22	Comments
4342	2020-21 Sewer Improvement	Replace 7,000 LF of sewer	\$ -	\$ -	\$ -	\$ 185,000	\$ 2,030,000	
4343	Fifth Ave, Ray Ct to Sirard Ln	Replace 1,450LF of sewer. Consider relocating from front yards to street.	\$ -	\$ -	\$ -	\$ 38,500	\$ 425,000	
4321	Emergency Projects		\$ -	\$ 200,000	\$ 480,739	\$ 200,000	\$ 200,000	
TBD	Projects to be identified		\$ -	\$ 500,000	\$ -	\$ -	\$ -	
	TOTAL 80-YEAR LIFE-CYCLE PROGRAM		\$ 1,366,814	\$ 4,800,000	\$ 3,149,663	\$ 7,214,700	\$ 5,965,000	
10-YEAR CAPITAL IMPROVEMENT PROGRAM								
4147	San Pedro Pump Station Upgrade	Upgrade pump station	\$ 499,337	\$ -	\$ 1,759,532	\$ -	\$ -	
4151	Force Main Condition Assessment	Develop data and analyze the condition of force mains	\$ 140,813	\$ 200,000	\$ 49,849	\$ 200,000	\$ 200,000	
4152	N. Francisco Force Main Relocation		\$ 12,489	\$ -	\$ 212,539	\$ -	\$ -	
4148	South Francisco Pump Station		\$ -	\$ 1,420,000	\$ 99,997	\$ 1,700,000	\$ -	
4153	Fiberglass Pump Station Upgrade	Upgrade pump station	\$ -	\$ 100,000	\$ -	\$ 77,000	\$ 773,000	
4154	Third Street Pump Station	Upgrade pump station	\$ -	\$ -	\$ -	\$ -	\$ 800,000	
4200	Miscellaneous projects	Upgrade pump station	\$ 77,113	\$ 145,000	\$ 27,611	\$ -	\$ 1,000,000	
	TOTAL PUMP STATION & FORCE MAIN CAPITAL IMPROVEMENTS		\$ 729,752	\$ 1,865,000	\$ 2,149,528	\$ 1,977,000	\$ 2,773,000	
	TOTAL CAPITAL IMPROVEMENTS		\$ 2,096,566	\$ 6,665,000	\$ 5,299,191	\$ 9,191,700	\$ 8,738,000	

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 CENTRAL MARIN SANITATION AGENCY

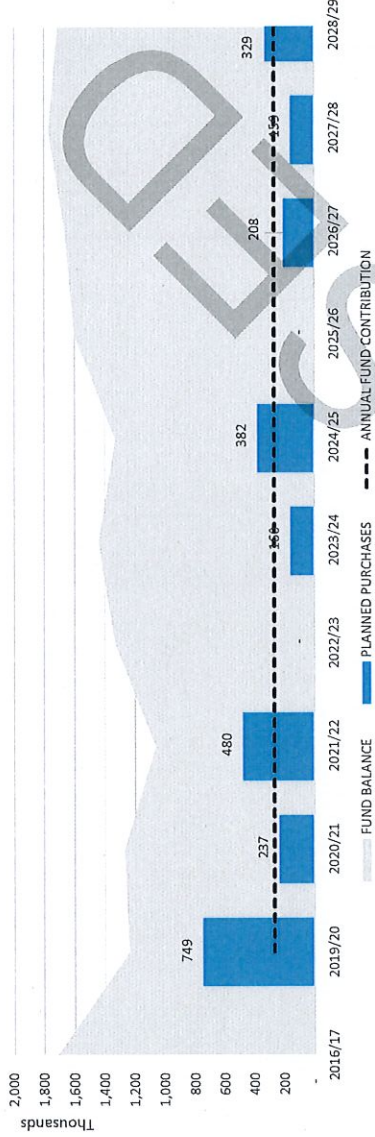
	Projected 2018-19	Proposed 2019-20	Proposed 2020-21
Sewer Treatment - Maintenance & Operations	\$ 4,831,854	\$ 5,251,000	\$ 5,436,000
Sewer Treatment - Debt Service	\$ 1,865,160	\$ 1,960,000	\$ 2,060,000
Total	\$ 6,697,014	\$ 7,211,000	\$ 7,496,000

Sewer Treatment - Maintenance & Operations
 Sewer Treatment - Debt Service

Total

**SAN RAFAEL SANITATION DISTRICT
BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
SUPPORTING SCHEDULE
EQUIPMENT RESERVE AND EQUIPMENT ACQUISITION PLAN**

EQUIPMENT ACQUISITION FUND & EXPENSE



METHODOLOGY

In order to stabilize the general fund, equipment purchases are estimated base on a 10-year projection, and 1/10th of that amount is reserved each budget year. Actual expenditures will draw from the reserve account.

Equipment description	2016/17	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	10 Year Total	10 Year Avg
Chevy 3/4-ton pickup												39,000	3,900
Chevy 1 1/2-ton pickup with equip		39,000										115,000	11,500
Sewer Combo Vactor Truck		115,000										381,000	38,100
MERA radios		54,000										43,000	4,300
2011 Ford Escape Hybrid (from City)			43,000									44,000	4,400
Ford Truck F-250			44,000									74,000	7,400
Mobile Pump Goodwin 4-inch				257,000								257,000	25,700
OK Champion Rodder Truck				40,000								40,000	4,000
Toyota Prius				33,000								33,000	3,300
2008 Ford Escape Hybrid												92,000	9,200
Godwin DRI-Prime CD225M Diesel Pump									92,000			92,000	9,200
Ingersoll-Rand Doosan G70 Trailer Mounted Diesel									52,000			52,000	5,200
I.R. Doosan G70 Trailer Mounted Diesel (PG Pump Str)									52,000			52,000	5,200
Haulmark Emergency repair trailer									12,000			12,000	1,200
OK Champion Rodder Truck											329,000	329,000	32,900
Ford F250 2014						42,000						42,000	4,200
Doosan Generator G70							81,000					81,000	8,100
Doosan Generator G325-T4F							185,000					185,000	18,500
Chevy Silverado 2015							42,000					42,000	4,200
Emergency repair trailer													-
Ford F550 2017 with crane assembly install										88,000		88,000	8,800
Ford F350 2017 with radio										70,000		70,000	7,000
Closed circuit televised camera												69,000	6,900
Replace Odor Scrubber at West Railroad Pump Station						49,000						49,000	4,900
PLANNED FIRST-TIME ACQUISITIONS													
SCADA System Upgrade I	160,000											160,000	16,000
SCADA System Upgrade II			150,000									150,000	15,000
SCADA System Upgrade III				150,000								150,000	15,000
REPLACEMENT OF FUTURE ACQUISITIONS													
REPLACEMENT of Closed circuit televised camera											80,000	80,000	8,000
REPLACEMENT of Replace Odor Scrubber at West Railroad Pump St											57,000	57,000	5,700
PLANNED PURCHASES				480,000		160,000	382,000		208,000	159,000	329,000	2,704,000	270,400
ANNUAL FUND CONTRIBUTION				270,400	270,400	270,400	270,400	270,400	270,400	270,400	270,400	2,704,000	270,400
FUND BALANCE	1,717,088	1,238,488	1,271,888	1,062,288	1,332,688	1,443,088	1,331,488	1,601,888	1,664,288	1,775,688	1,717,088		

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 80-YEAR LIFE-CYCLE PROGRAM (GRAVITY SEWERS)

Project	Est. Cost	Estimated		Projected	
		2018-19	2019-20	2019-20	2020-21
Rehabilitation of Gravity Sewer	\$1,395,196	\$132,323	\$200,000		\$200,000
CalTrans SR Harbor Bridge	\$1,150,610	\$1,097,464	-		-
Miramar and Miraflores	\$1,154,746	\$119,207	\$1,020,000		-
2018 Sewer Pipe Repair	\$1,435,321	\$935,321	\$500,000		-
Forbes Sewer Impt	\$1,235,000	\$2,000	\$1,233,000		-
2018 Sewer Televising	\$380,822	\$380,822	-		-
2019 Sewer Televising	\$450,000	-	\$450,000		-
2020 Sewer Televising	\$2,390,000	-	-		\$460,000
Francisco Blvd East at Medway & Vivian	\$550,000	-	\$550,000		-
Sewer Repl for Richmond-SR Bridge Impt	\$250,000	-	\$250,000		-
Rehabilitation of Beach Sewers-Bayside Acres	\$2,200,000	-	\$350,000		\$1,850,000
Woodland Pl/Ave & Octavia	\$1,100,000	-	\$900,000		\$200,000
Third St (Hayes to Ritter)	\$1,038,200	-	\$1,038,200		-
#70-96 Bret Harte Easement	\$901,787	\$1,787	\$300,000		\$600,000
2020-21 Sewer Improvement	\$4,060,000	-	\$185,000		\$2,030,000
Fifth Ave, Ray Ct to Sirard Ln	\$850,000	-	\$38,500		\$425,000
Emergency Projects	\$1,680,739	\$480,739	\$200,000		\$200,000
Projects to be identified		-	-		-
TOTAL EXPENDITURES (hide for rounding)		\$3,149,663	\$7,214,700		\$5,965,000
Rounding		\$0	\$0		\$0
TOTAL EXPENDITURES		\$3,149,663	\$7,214,700		\$5,965,000

Beginning Fund Balance	\$10,890,517	\$12,940,854	\$11,276,154
Transfers In from Operation	\$5,200,000	5,550,000	5,710,000
Estimated Expense	(\$3,149,663)	(\$7,214,700)	(\$5,965,000)
Ending Balance	\$12,940,854	\$11,276,154	\$11,021,154

SAN RAFAEL SANITATION DISTRICT
 BUDGET - FISCAL YEARS ENDING JUNE 30, 2020 AND 2021
 SUPPORTING SCHEDULE
 PUMP STATION & FORCE MAIN CAPITAL IMPROVEMENT PROGRAM

Project	Est. Cost	Estimated		Projected	
		2018-19	2019-20	2019-20	2020-21
San Pedro Pump Station Upgrade	\$2,258,869	\$1,759,532			
Force Main Condition Assessment	\$590,662	\$49,849	\$200,000		\$200,000
N. Francisco Force Main Relocation	\$225,028	\$212,539			
South Francisco Pump Station	\$1,799,997	\$99,997	\$1,700,000		
Fiberglass Pump Station Upgrade	\$850,000		\$77,000		\$773,000
Third Street Pump Station	\$800,000				\$800,000
Miscellaneous projects		\$27,611			\$1,000,000
TOTAL CAPITAL EXPENDITURES		\$2,149,528	\$1,977,000		\$2,773,000

Beginning Fund Balance	\$4,245,891	\$4,096,363	\$5,369,363
Transfers In from Operation	\$2,000,000	\$3,250,000	\$2,000,000
Estimated Expense	(\$2,149,528)	(\$1,977,000)	(\$2,773,000)
Ending Balance	\$4,096,363	\$5,369,363	\$4,596,363

SAN RAFAEL SANITATION DISTRICT
 (Proposed Amendment)
SUPPORTING SCHEDULE
NET POSITION DESIGNATED FOR WORKING CAPITAL

	2019-20		2020-21	
	Year	July - Dec	Year	July - Dec
Budgeted Expenditures for subsequent period				
Supplies and services	\$ 4,665,446	\$ 2,186,000	\$ 4,805,000	\$ 2,333,000
CMSA Treatment	5,436,000	2,235,000	5,251,000	2,718,000
CMSA Debt Service	2,060,000	1,404,000	1,960,000	1,624,000
Total designation for subsequent year expenditures to be made before December apportionment		<u>\$ 5,825,000</u>		<u>\$ 6,675,000</u>