

NOVATO SANITARY DISTRICT

June 21, 2016

The Strategic Planning and New Facilities Committee of Novato Sanitary District will hold a meeting at 2:00 PM, Tuesday, June 21, 2016, at the District offices, 500 Davidson Street, Novato.

AGENDA

1. **AGENDA APPROVAL:**
2. **PUBLIC COMMENT (PLEASE OBSERVE A THREE-MINUTE TIME LIMIT):**

This item is to allow anyone present to comment on any subject not on the agenda, or to request consideration to place an item on a future agenda. Individuals will be limited to a three-minute presentation. No action will be taken by the Committee at this time as a result of any public comments made.

3. **APPROVAL OF MINUTES:**
 - a. Approve minutes from the June 17, 2015 committee meeting.
4. **REVIEW STRATEGIC BUDGET ITEMS, FY16-18:**
 - a. North Bay Water Reuse Authority (NBWRA).
 - b. Collection System Improvements.
 - c. Novato Treatment Plant (NTP).
 - d. Recycled Water Facility (RWF) Expansion.
 - e. Cogeneration/alternative energy.
5. **ANNUAL CAPITAL IMPROVEMENTS PROGRAM (CIP) BUDGET:**
 - a. Review FY16-18 proposed preliminary CIP budget, and subject to minor changes and edits, recommend its adoption by the Board of Directors.
6. **ADJOURNMENT:**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the District at (415) 892-1694 at least 24 hours prior to the meeting. Notification prior to the meeting will enable the District to make reasonable accommodation to help ensure accessibility to this meeting.

Materials that are public records and that relate to an open session agenda item will be made available for public inspection at the District office, 500 Davidson Street, Novato, during normal business hours.

June 17, 2015

The Strategic Planning and New Facilities Committee of the Novato Sanitary District held a meeting at 3:00 p.m., Wednesday, June 17, 2015, at the District Offices, 500 Davidson Street, Novato.

COMMITTEE MEMBERS PRESENT: Directors Gary Butler and William Long.

STAFF PRESENT: Manager-Engineer-Secretary Sandeep Karkal, Field Services Manager Steve Krautheim, and Administrative Services Specialist June Brown.

ALSO PRESENT: Chris De Gabriele, General Manager, North Marin Water District.

AGENDA APPROVAL: The agenda was approved as presented.

PUBLIC COMMENT: None.

MINUTES: Minutes of the June 11, 2014 committee meeting were approved as written.

REVIEW OF STRATEGIC ITEMS, FY 15-17:

a. Hamilton Wetlands/Outfall Study: Manager-Engineer Sandeep Karkal gave a Power Point presentation focusing on the Hamilton Wetlands/Outfall Study. He reported on the proposed joint District/State Coastal Conservancy (SSC) project. The SSC's goal is to manage the presence of the District's outfall on the wetlands site and the District's goal is beneficial reuse of its effluent. These goals will be coordinated and permitted under the District's NPDES permit. Step 1 (near term goal with SCC) would involve abandoning the existing outfall with year-round discharge to a brackish marsh. Step 2 (long-term plan) would involve creation of a new storage reservoir in cooperation with North Bay Water Reuse Authority (NBWRA). Director Long asked if there are other alternatives for a storage pond. The Manager responded that there is capacity for 150 million gallons of storage in two ponds on land owned by the District at the Reclamation Facility site. The portion of the Reclamation Facilities leased by the District from the Marin County Flood Control District will be lost when the lease expires in 2023.

b. North Bay Water Reuse Authority (NBWRA): The committee discussed potential District-related NBWRA projects and associated funding opportunities. The NBWRA Phase 2 Scoping Study has identified \$139 million NBWRA projects, including \$36 million in identified Novato Sanitary District projects. Local agency funding ratio has not yet been developed.

c. Collection System Improvements: The committee discussed the District's Lateral Replacement Program. \$50,000 has been budgeted for fiscal year 2015-16,

with a maximum of \$1,500 available to qualifying homeowners. The Manager-Engineer will be meeting with a local realtor group in the near future and will report feedback on the program to the District Board.

Field Services Manager Steve Krautheim described the location of the budgeted Hamilton Trunk Sewer Rehabilitation Project and relief sewer on Simmons Lane. Also included in the Preliminary 2015-16 District budget is an allowance for a Collection System Master Plan Scoping Study.

Director Long noted that the Collection System budget is somewhat reduced from last year. Manager-Engineer Karkal explained that the budgeted amount for 2015-16 is sufficient to fund budgeted collection system improvements.

In response to a question by Director Butler, Steve explained that video inspection of sewer pipe can estimate the need for replacement approximately 3 to 5 years in advance. In response to a question by Director Long, Mr. De Gabriele indicated that the life of water pipes, depending on material, has been estimated at 50 to 100 years.

d. Novato Treatment Plant (NTP) site demolition: Field Services Manager Steve Krautheim reported on the progress of the demolition of the old aeration basin and ancillary structures at the Novato Treatment Plan. The demolition is needed to make way for a Maintenance Building.

e. RWF Expansion: The Manager-Engineer reported on the need to expand recycled water facilities to meet increased demands from the North Marin Water District. Partial funding will be sought from NBWRA.

ANNUAL CAPITAL IMPROVEMENTS PROGRAM (CIP) BUDGET:

a. Review FY 15-17 proposed preliminary CIP budget, and subject to minor changes and edits, recommend its adoption by the Board of Directors: The Committee reviewed the proposed Capital Improvement budgets for fiscal year 2015-16 and 2016-17. There was considerable discussion regarding the possibility of using cogeneration and solar power at District facilities. It was suggested that cogeneration could be discussed as part of the District's Strategic Plan. The Manager indicated that there are insufficient funds available at this time to develop a cogeneration project.

Possible funding opportunities and potential savings associated with solar power were discussed. The Committee suggested that it might be worth investigating solar installation on a small scale to see what savings could be realized. The Committee also briefly discussed the prioritization and timeline of Capital Improvement projects. Director Butler asked if a process could be developed where the Board of Directors helps prioritize Capital Improvement projects.

There being no further discussion, the Committee recommended approval of the Capital Improvement Budget.

OTHER ITEMS: Director Long suggested that a representative from the North Marin Water District be invited to a District Board meeting to describe the new recycled water stations. Mention was also made of the need for District trucks to use recycled water for flushing lines. Truck modifications to accommodate this would cost approximately \$5,000 per truck. However, recycled water would be free of charge.

ADJOURNMENT: The meeting was adjourned at 4:45 p.m.

Respectfully submitted,

Sandeep Karkal
Secretary

June Brown, Recording

NOVATO SANITARY DISTRICT STRATEGIC PLANNING & NEW FACILITIES COMMITTEE AGENDA ITEM SUMMARY

TITLE: New Facilities Committee: Annual Capital Improvements Program (CIP) Budget.	MEETING DATE: June 21, 2016 AGENDA ITEM NO.: 5.a.
RECOMMENDED ACTION: Review FY16-18 proposed preliminary CIP Budget, and subject to minor changes and edits, recommend its adoption by the Board of Directors.	
SUMMARY AND DISCUSSION: <p>At the May 23, 2016 Board meeting, staff presented the District's preliminary Budget for Fiscal Years 2016-18 to the Board. Separately, staff reviewed the preliminary Solid Waste budget with the Solid Waste Committee, and the preliminary Operating budget with the Wastewater Operations Committee. The Solid Waste Committee has recommended adoption of the Solid Waste budget to the full Board, and it is hoped that the Operations and New Facilities Committees will do the same for the Operating and CIP budgets, respectively.</p> <p>The relevant elements of the preliminary CIP Budget are attached for review by the Committee. Staff suggests that the Committee review these items, and subject to minor changes and edits, recommend the preliminary CIP Budget for adoption by the full Board at its June 27, 2016 meeting.</p>	
ATTACHMENTS: 1. Preliminary Capital Improvements Program (CIP) Budget for Fiscal Years 2016-18.	
DEPT. MGR.: EB, SRK	GENERAL MANAGER: SSK



**Preliminary Capital Improvements
Program (CIP) Budget
FOR
FISCAL YEARS 2016-18**

*Strategic Planning and Capital
Facilities Committee
June 21, 2016*

Novato Sanitary District

MEMORANDUM

TO: District Board of Directors

FROM: Sandeep Karkal, General Manager-Chief Engineer
Steve Krautheim, Field Services Manager
Erik Brown, Technical Services Manager

DATE: May 23, 2016

SUBJECT: FY16-18 Preliminary Capital Improvement Program (CIP) Budget –
Summary of Anticipated Project Work

Introduction

This memo presents a summary of the potential or anticipated scope of work for projects and project work included within the various Accounts of the Capital Improvements Program (CIP) budget for FY16-18.

A copy of the projected two-year FY16-18 CIP Expenditures is included as Table 1. Note that in prior years, the District has prepared Preliminary CIP Expenditure Projections for a five-year period covering the FY2011-16 timeframe to help track CIP disbursements funded through the 2011 Certificates of Participation (COPs). With the completion of the drawdown of available funds from the 2011 COPs in FY15-16, the need for maintaining the five-year projection for the 2011-16 period also ends, and CIP expenditure projections revert back to the District's standard two-year format. Accordingly, Table 1 provides preliminary information for proposed CIP expenditures for FY16-17 and FY17-18.

Account No. 72403: Pump Station Rehabilitation

This ongoing, long term account provides for replacing the District's underground type pump stations with submersible pump type pump stations. The lift stations that remain to be rehabilitated include the two Vintage Oaks Pump Stations and the Rowland Plaza Pump Station. The rehabilitation schedule for these pump stations will be impacted by potential development in the Hanna Ranch and Vintage Oaks area, and work is being deferred until the development plans for the area become clearer.

Therefore, construction work is not anticipated during FY16-17. However further design work on the remaining pump stations may be initiated depending on how development plans for these areas evolve, and a placeholder amount is included in the account to initiate any needed design work.

Account No. 72508: North Bay Water Reuse Authority

The District is a member agency of the North Bay Water Reuse Authority (NBWRA). FY16-17 will be the third year of a 3-year Phase 2 Feasibility Study for over \$136 million in recycled water projects across all NBWRA agencies.

In the scoping study leading into the Phase 2 feasibility work, the District had identified three projects with a total estimated cost of about \$36 million. While some of these projects have been substantially refined as part of the feasibility study, the overall NBWRA “project list” has not yet been finalized.

It is anticipated that the final project list will be published and adopted by the NBWRA Board in FY16-17. Until that time, the initial NBWRA cost estimate of about \$5 million over the three years from FY14-15 through FY16-17 is still valid. Under this scenario, the District’s corresponding share is estimated at \$1.14 million over these three years under a pre-determined formula. It is anticipated that up to \$430,000 of these costs would be recovered under a grant from the US Bureau of Reclamation (USBR) Title XVI program. Any “truing up” process at the end of the Phase 2 Feasibility Study phase will likely result in changes to the estimated costs, and the District may be the beneficiary of lower overall costs from the program.

Also, if the projects move out into the design and construction phases, it is anticipated that further grant funding from USBR could pay for up to 50% of design and construction costs for recycled water storage projects, and up to 25% of other recycled water projects (tertiary treatment, pipelines, pumping, etc.). The District would be required to come up with its share (local share) of the project costs, i.e. 50% of design and construction costs for storage projects and 75% of the design and construction costs for additional tertiary treatment facilities, etc.

Account No. 72706: Collection System Improvements

This account includes budget amounts for continuing work on rehabilitating the District’s collection system.

This fiscal year’s project work includes contract closeout of the project work for rehabilitation of 900 feet of the Hamilton Trunk Sewer, and the rehabilitation of 170 feet of sewer main on Reichert Court.

An allowance is also made for the rehabilitation of 915 feet of the 18” Bel Marin Keys Trunk Sewer at the Ignacio Transfer Pump Station, and for initiating work associated with a new Collection System Master Plan for the District.

Account No. 72706-1: Lateral Replacement Program

This account was established as a grant program to incentivize homeowners, and assist them financially to replace the entire sewer lateral between their residence and the sewer main, as a long term approach to reducing infiltration and inflow from laterals into the District’s collection system.

Currently, the program pays half of the replacement cost up to \$1,500 for replacing a residential sewer lateral in the District's service area. For FY16-17, the District's share will increase to \$2,000 and will increase each fiscal year in increments of \$500 until the amount reaches \$4,000 in FY2020-21. The goal of the increased District share is to increase the number of participants in the program as well as more closely match the current costs of lateral replacement.

Account No. 72707: Hamilton Wetlands/Outfall

The project work for FY16-17 in this account includes continuing work on a joint study funded 50-50 by the District and the California State Coastal Conservancy (SCC) to examine alternatives for long term integration of the District's outfall into the SCC's Hamilton Wetlands project.

The project work also provides for further study to utilize the District's effluent as a reliable, long term fresh water source to establish and maintain a brackish marsh habitat at the Wetlands project, including identifying and resolving water quality related regulatory issues identified during the study process.

Account No. 72708: Cogeneration

This account was established for preliminary work to explore strategies and potential projects to utilize the digester gas produced in the anaerobic digestion process to produce power and offset the District's utility power purchases.

Budgeted FY16-17 funds include an allowance to: initiate discussions with other entities for potential partnering in the areas of cogeneration and alternative energy production services; research potential funding sources; and develop preliminary level design documents should a viable alternative(s) be identified.

Account No. 72802: Annual Sewer Adjustment for City Projects

The budget in this account is established annually to compensate the City of Novato or County of Marin for work performed on District facilities through City or County Capital Improvement Projects.

An example of work funded through this account would be a City or County street paving or repaving project, when District manholes are raised to grade.

Account No. 72803: Annual Collection System Repairs

This account is established annually primarily to fund smaller projects to repair District collection system facilities, primarily point and spot repairs, or to replace short reaches of sewer main(s).

The repair list is generated by collection system staff during routine maintenance activities including sewer cleaning and CCTV work, and tracked and prioritized by the Field Services Manager in conjunction with the Collection System Superintendent, Technical Services Manager, and the Construction Inspector.

Account 72804: Annual Reclamation Facilities Improvements

The budget in this account is established annually to fund small projects to repair District facilities at the Reclamation Area. The work typically includes irrigation system repairs for lines larger than 4” in diameter, parcel rehabilitation work, and other miscellaneous repairs.

Account No. 72805: Annual Treatment Plant Improvements

This budget account was established to fund small projects to repair District treatment related facilities at the Novato Treatment Plant.

This account is anticipated to fund minor mechanical & electrical work, water line repairs, pavement repairs, painting, and any other small repairs or improvements.

Account No. 72805: Annual Pump Station Improvements

This budget account was established to fund small projects to repair District pumping facilities at the various pump stations throughout the District.

This account is anticipated to fund minor mechanical & electrical work, water line repairs, pavement repairs, painting, and any other small repairs or improvements at District pump stations.

Account No. 72808: Strategic Plan Update:

This account is established to fund potential updates to the District’s Strategic Plan document, at the Board’s discretion. The original Strategic Plan document was prepared in 2012 and most recently updated in FY2015-16.

Account No. 72809: Novato Creek Watershed

This account and its budget was established as a result of an agreement with the Marin County Flood Control District. Under this agreement, the District participates in a program with the County of Marin, the City of Novato, and the North Marin Water District to explore alternatives to reduce flooding potential in the lower Novato Creek portion where all of these agencies have facilities that are prone to flood damage. The budgeted amounts are a minimal amount and anticipated to meet the District’s commitments to on-going studies through FY17-18. Future work (FY18-19 and beyond) arising out of these studies may require increased funding, but potential costs are unknown at this point.

Account No. 73003: Administration Building Upgrades/Maintenance Building –

This account includes allowances for minor improvements to the Administration Building.

Demolition of the abandoned Aeration Basins and ancillary equipment from the “old” Novato treatment plant was completed in FY 15-16.

Budgeted FY16-17 funds include paving of the demolition site and installing utilities to service a temporary modular maintenance building. Additional work includes converting the old Blower Building into a small maintenance shop.

Account No. 73004: Odor and Landscaping Improvements

This account budgets further work by District and operations staff and the District’s Odor Specialist consultant(s) to address and manage any odor issues raised by the District’s neighbors. It also includes an allowance to address any landscaping items. The Account includes an allowance for installation of a new Sodium Hypochlorite tank and drip system at the Ignacio Transfer Pump Station to aid in controlling odors.

Account No. 73005: RWF Expansion

This account will fund the design and construction of an incremental capacity expansion to the existing Recycled Water Facility (RWF) at the Novato Treatment Plant site. The expansion is necessitated by the planned expansion by the North Marin Water District (NMWD) of its Central Area Project which will push NMWD’s recycled water distribution pipelines into the Central Novato/Ignacio geographic areas. The budgeted amounts do not include any potential grants that may be received through State Proposition 84 (IRWM) or Proposition 1 (Water Bond) funds, or through the US Bureau of Reclamation Title XVI (WaterSMART) program.

Account No. 73006: NTP Corrosion Control

This account includes funds for corrosion control projects at the Novato Treatment Plant site. As the recently constructed facilities age, the effects of the aggressive nature of wastewater corrosion start to appear and need to be addressed. It is anticipated that this account will see budgeting of funds on an ongoing basis. The budgeted funds for FY16-17 will be focused on addressing corrosion issues at the Primary Clarifier No. 1 mechanism and developing bid documents for addressing corrosion at the ultraviolet disinfection channels, or at the headworks channels/effluent box. Design work for the coating of Primary Clarifier No. 1 mechanism began in FY 15-16 and the physical coating work is anticipated to take place in FY 16-17.

Account No. 73090: Vehicle Replacement

This account includes a budget amount for the replacement of a light truck, passenger hybrid vehicle and a hydro-flusher truck in FY16-17. Replacement of an additional light truck is anticipated in FY 17-18.

Novato Sanitary District

Table 1 - 2016-2018 Preliminary Budget

Capital Improvement Budget - CIP Expenditures

Capital Improvements				Projected	Preliminary	Proposed	Preliminary
Cost Centers - 72000 & 73000			Expenditures	Exp	budget	Budget	Budget
	Budget 14/15	Budget 15/16	thru March 2016	2015-16	2016-17	2016-17	2017-18
					(from FY15-16 budget)	(As of May 2016)	(As of May 2016)
72110 · Drainage PS 3&7 Outfall Rehab	265,000	5,000	0	0	0	0	0
72403 · Pump Station Rehabilitation	1,082,185	50,000	13,152	13,152	50,000	50,000	250,000
72508 · North Bay Water Reuse Authority (NBWRA)	355,000	403,000	247,162	247,162	440,000	440,000	100,000
72611 · Bayside Sewer	45,000	0	0	0	0	0	0
72706 · Collection System Improvments	1,600,000	1,050,000	646,119	850,000	900,000	1,050,000	1,700,000
72706-1 · Lateral Replacement Program	50,000	50,000	19,500	25,000	50,000	60,000	75,000
72707 · Hamilton Wetlands/Outfall Integration	36,542	22,500	0	0	0	10,000	10,000
72708 · Cogeneration	40,000	20,000	0	7,000	20,000	45,000	20,000
72802 · Annual Sewer Adj. for City Proj	10,000	10,000	0	10,000	10,000	10,000	10,000
72803 · Annual Collection Sys Repairs	200,000	200,000	97,426	200,000	200,000	200,000	200,000
72804 · Annual Reclamation Fac Improvements	150,000	100,000	57,824	75,000	100,000	100,000	100,000
72805 · Annual Treatment Plant Improvements	200,000	300,000	228,617	250,000	100,000	100,000	100,000
72806 · Annual Pump Station Improvements	0	0	0	0	100,000	100,000	100,000
72808 · Strategic Plan Update	0	10,000	14,264	14,264	10,000	20,000	20,000
72809 · Novato Creek Watershed	50,000	15,000	0	0	0	10,000	10,000
73001 · WWTP Upgrade - Contract C (Solids handling)	461,396	10,000	9,670	10,000	0	0	0
73002 · WWTP Up-Contract D-Recycled Water	10,000	0	0	0	0	0	0
73003 · Admin Building Upgrade/Maint. Building	1,000,000	740,000	514,646	545,000	1,120,000	350,000	50,000
73004 · Odor Control and NTP Landscaping	0	50,000	5,790	13,000	50,000	75,000	50,000
73005 · RWF Expansion(1)	0	150,000	0	25,000	1,200,000	1,300,000	20,000
73006 · NTP Corrosion Control	0	150,000	0	30,000	75,000	180,000	150,000
73090 · Vehicle Replacement	180,000	25,000	0	0	25,000	425,000	25,000
Subtotal before Debt Service	5,735,123	3,360,500	1,854,170	2,314,578	4,450,000	4,525,000	2,990,000
78500 · Principal & Interest - SRF Loan	5,378,956	5,378,956	5,378,956	5,378,956	5,378,957	5,378,957	5,378,956
78500 · Principal & Interest - COP Bond	1,691,798	1,696,148	1,696,148	1,696,148	1,680,748	1,680,748	1,664,548
Subtotal for Debt Service	7,070,754	7,075,104	7,075,104	7,075,104	7,059,705	7,059,705	7,043,504
Totals	12,805,877	10,435,604	8,929,274	9,389,682	11,509,705	11,584,705	10,033,504

Comments: (1)Does not include any grant funds received thru' CA Prop. 84, CA Prop1 (Water Bond), or USBR Title XVI

SECTION IV

CAPITAL IMPROVEMENT BUDGET

***Extracted from
Preliminary Budget for Fiscal Years 2016-18
as presented to the District Board on May 23, 2016***

**Novato Sanitary District
2016-18 Preliminary Budget
Capital Improvement Budget - Revenue Summary**

			Projected	Proposed	Preliminary
Capital Fund	Adopted	Adopted	Revenue	Budget	Budget
Revenue Center - 51000	Budget 14/15	Budget 15/16	2015-16	2016/17	2017-18
Accounts					
Capital Improvement Income					
51010 · Sewer Service Charges(1)	7,183,200	7,435,040	7,300,000	7,595,952	7,929,360
51015 · Property Taxes	1,750,000	1,900,000	1,950,000	1,938,000	1,976,760
51020 · Connection Charges(2)	493,500	518,000	200,000	434,400	447,600
51030 · Collector Sewer Charges	2,000	2,000	0	1,000	1,000
51040 · Special Equalization Chrg	4,000	4,000	0	1,000	1,000
51060 · Interest	30,000	22,000	25,000	25,000	22,000
51070 · Other Revenue	20,000	20,000	10,000	20,000	20,000
Total Capital Improvement Income	9,482,700	9,901,040	9,485,000	10,015,352	10,397,720
Comments:					
(1) Sewer Service Charge (SSC) revenue is based on a proposed FY16-17 SSC charge of \$573 per EDU and actual revenue received in prior year. The Sewer Service Charges allocations are as follows:					
- For FY2016-17, the proposed charge of \$573 per EDU is split between operations (\$314) and capital (\$259), based on an estimate of 29,328 EDUs, which is a decrease from the FY15-16 estimate of 30,005 EDUs.					
- For FY2017-18, the proposed charge of \$594 per EDU is split between operations (\$324) and capital (\$270), based on an estimate of 29,368 EDUs.					
(2) Connection Charges projected at 40 new connections each year.					
- Per Ordinance 119, the connection charge beginning July 1, 2016 is \$10,860 per EDU, and increases by 3% on July 1, 2017 to \$11,190 per EDU.					

**Novato Sanitary District
2016-2018 Preliminary Budget
Capital Improvement Budget - CIP Expenditures**

Capital Improvements Cost Centers - 72000 & 73000	Adopted Budget 14/15	Adopted Budget 15/16	Projected Exp 2015-16	Proposed Budget 2016-17	Preliminary Budget 2017-18
Accounts					
72110 · Drainage PS 3&7 Outfall Rehab	265,000	5,000	0	0	0
72403 · Pump Station Rehabilitation	1,082,185	50,000	13,152	50,000	250,000
72508 · North Bay Water Reuse Authority (NBWRA)	355,000	403,000	247,162	440,000	100,000
72611 · Bayside Sewer	45,000	0	0	0	0
72706 · Collection System Improvments	1,600,000	1,050,000	850,000	1,050,000	1,700,000
72706-1 · Lateral Replacement Program	50,000	50,000	25,000	60,000	75,000
72707 · Hamilton Wetlands/Outfall Integration	36,542	22,500	0	10,000	10,000
72708 · Cogeneration	40,000	20,000	7,000	45,000	20,000
72802 · Annual Sewer Adj. for City Proj	10,000	10,000	10,000	10,000	10,000
72803 · Annual Collection Sys Repairs	200,000	200,000	200,000	200,000	200,000
72804 · Annual Reclamation Fac Improvements	150,000	100,000	75,000	100,000	100,000
72805 · Annual Treatment Plant Improvements	200,000	300,000	250,000	100,000	100,000
72806 · Annual Pump Station Improvements	0	0	0	100,000	100,000
72808 · Strategic Plan Update	0	10,000	14,264	20,000	20,000
72809 · Novato Creek Watershed	50,000	15,000	0	10,000	10,000
73001 · WWTP Upgrade - Contract C (Solids handling)	461,396	10,000	10,000	0	0
73002 · WWTP Up-Contract D-Recycled Water	10,000	0	0	0	0
73003 · Admin Building Upgrade/Maint. Building	1,000,000	740,000	545,000	350,000	50,000
73004 · Odor Control and NTP Landscaping	0	50,000	13,000	75,000	50,000
73005 · RWF Expansion	0	150,000	25,000	1,300,000	20,000
73006 · NTP Corrosion Control	0	150,000	30,000	180,000	150,000
73090 · Vehicle Replacement	180,000	25,000	0	425,000	25,000
Subtotal before Debt Service	5,735,123	3,360,500	2,314,578	4,525,000	2,990,000
78500 · Interest - SRF Loan	1,784,785	1,698,525	1,698,525	1,610,195	1,519,744
78500 · Principal - SRF Loan	3,594,171	3,680,431	3,680,431	3,768,762	3,859,212
78500 · Interest - COP Bond	836,798	811,148	811,148	775,748	739,548
78500 · Principal - COP Bond	855,000	885,000	885,000	905,000	925,000
Subtotal for Debt Service	7,070,754	7,075,104	7,075,104	7,059,705	7,043,504
Totals	12,805,877	10,435,604	9,389,682	11,584,705	10,033,504

Comments: