

## Water Transmission FY 2020-2021 Draft Budget and Rates

The draft proposed FY 2020-2021 rates are shown in the table below:

Charge / Aqueduct	Santa Rosa	Petaluma	Sonoma
Deliveries (Acre-Feet)	43,707		
O&M	\$656.51	\$656.51	\$656.51
Water Management Planning	\$0.92	\$0.92	\$0.92
Watershed Planning & Restoration	\$117.33	\$117.33	\$117.33
Recycled Water and Local Supply	\$0.94	\$0.94	\$0.94
Water Conservation	\$42.81	\$42.81	\$42.81
<b>Total O&amp;M</b>	<b>\$818.51</b>	<b>\$818.51</b>	<b>\$818.51</b>
Storage & Common Bond/Loan Charges	\$121.44	\$121.44	\$121.44
Sonoma Aqueduct Bond/Loan Charge			\$135.26
<b>Prime Contractors</b>	<b>\$939.95</b>	<b>\$939.95</b>	<b>\$1,075.21</b>
<b><i>Discretionary Charges</i></b>			
Capital Charges - to build fund balance for future projects	\$27.00	\$27.00	\$32.00
<b>Total Prime Contractors</b>	<b>\$966.95</b>	<b>\$966.95</b>	<b>\$1,107.21</b>
Total Overall Increase:	5.30%	5.30%	5.57%

### SUMMARY

- **Deliveries: (Budget Packet Pages 8-13):**
  - **FY 2020-2021:** rates are based on budgeted deliveries of **43,707 Acre-Feet (AF)**. Per the Restructured Agreement for Water Supply, rates are calculated using the *lesser* of: the average annual water deliveries for the past 36 months (44,795 AF) or the last 12 months of water deliveries (Calendar Year (CY) 2019: 43,707 AF). Actual deliveries for CY 2019 were 6.7% less than CY 2018: 46,830 AF. FY 2020-2021 budgeted deliveries are 0.37% less than FY 2019-2020 budgeted deliveries.
  - **FY 2019-2020:** budgeted deliveries for rate calculation were based on average annual water deliveries for the past 36 months (43,870 AF). Actual FY deliveries will be determined at the end of FY 2019-2020. Current trend indicates actuals may be at budget.
  - **FY 2018-2019:** budgeted deliveries were 41,768 AF. Actual deliveries were 43,971 AF (5.3% higher).
- **Operations and Maintenance (O&M) – Water Transmission O&M Fund (Budget Packet Pages 14-20):**
  - In accordance with the Restructured Agreement for Water Supply:
    - The rate is calculated by dividing operations and maintenance expenditures (less specific cash and noncash revenues and expenditures) by budgeted deliveries.

O&M Fund	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$41.31	6.7%	Increase due to large non-routine maintenance projects including cathodic protection and tank recoat projects.
Revenue	\$2,201,000	5.3%	Increase in revenue is attributable to the rate increase.
Expenditures	\$1,891,000	3.9%	Increase in maintenance projects including large non-routine maintenance projects (cathodic protection and tank recoats), and work on regional water supply resiliency, water system risk and resiliency assessment, and water quality studies.

Factors affecting the O&M rate:

O&M Fund Expenditures	Increase (Decrease) in Dollars	Percent Change	Description
Labor	\$840,000	5.6%	Increase attributable to inflation and an increase in labor for maintenance projects and regional water supply resiliency, water system risk and resiliency assessment, and water quality studies.
Power	\$100,000	2.9%	Increase attributable to inflation.
Chemicals	\$200,000	28.6%	Increase in chemical costs to maintain chlorine residual and contact time.
Testing/Analysis	(\$10,000)	-7.4%	Expected to align with five year average.
Contract Services	\$1,092,000	21.0%	Increase due to tank maintenance contract and work on regional water supply resiliency, water system risk and resiliency assessment, and water quality studies.
Maintenance - Equipment	(\$94,000)	-8.1%	Equipment pre-purchased in FY19-20 to be installed in FY20-21. Funds directed to tank maintenance program.
Small Tools - Instruments	(\$21,000)	-11.9%	Expected to decrease to align more closely with Fiscal Year 2018-2019 actuals.
Operating Transfers	(\$2,000)	0.0%	Operating Transfers (OT's) move revenue generated by rates into respective funds (debt service funds, subfunds, aqueduct capital funds and Common Facilities) and maintain appropriate fund balance.

- **Subfunds: (Budget Packet Pages 21-30):**

- Subfund rates are calculated by dividing subfund expenditures minus grant revenue by budgeted water deliveries.
- Water Management Planning:
  - Expenditures are for Urban Water Management Planning (UWMP) which is required to be updated every five years.

Water Management Planning	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	(\$0.22)	-19.7%	Fiscal Year 2019-2020 rate is \$1.14. Fund is for Urban Water Management Plan updates. Past rate increases have accumulated sufficient fund balance for Fiscal Year 2021 Urban Water Management Plan.
Revenue	(\$11,000)	-17.7%	Using \$125,000 in fund balance to decrease rate increase and smooth overall rate increase.
Expenditures	\$125,000	250.0%	Increase is for preparing the Fiscal Year 2021 Urban Water Management Plan.

○ Watershed Planning and Restoration:

- Expenditures are for planning, design, and implementation of watershed restoration projects and projects required under the Biological Opinion.

Watershed Planning and Restoration	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$14.37	14.0%	Fiscal Year 2019-2020 rate is \$102.96. Rate increase for design and right-of-way expenditures for Dry Creek Habitat Enhancement phases 4, 5, and 6, and construction of phase 4. Approximately \$3.5M in fund balance is being used for design and construction costs to smooth rate impact.
Revenue	\$644,000	13.0%	Increase due to subfund rate increase for Dry Creek Habitat Enhancement phases 4, 5, and 6, offset by use of fund balance.
Expenditures	\$3,827,000	72.7%	Increase is for design and right-of-way expenditures for Dry Creek Habitat Enhancement phases 4, 5, and 6, and construction of phase 4, in addition to ongoing required biological opinion activities.

○ Recycled Water and Local Supply:

- Expenditures are for planning, design, and implementation of recycled water and local supply projects. The fund previously included water contractor projects under the Local Recycled Water Tier 2 (LRT2) Program.

Recycled Water and Local Supply	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	(\$2.02)	-68.3%	Fiscal Year 2019-2020 rate is \$2.96. Past rate increases have accumulated sufficient fund balance for this fund.
Revenue	(\$432,000)	-87.8%	Using approximately \$35,000 in fund balance to decrease rate increase and smooth overall rate increase.
Expenditures	(\$367,000)	-78.4%	Decrease is due to completion of MMWD LRT2 Project. Expenditures are for Sonoma Water's share of Groundwater Sustainability Agencies' budgets.

- **Water Conservation:**
  - Expenditures are for water use efficiency projects, outreach, and education.

Water Conservation	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	(\$4.13)	-8.8%	Fiscal Year 2019-2020 rate is \$46.94. Past rate increases have accumulated sufficient fund balance for this fund.
Revenue	(\$113,000)	-4.5%	Fiscal Year 2020-2021 use of \$144,000 in fund balance to reduce conservation fund rate and smooth overall rate increase.
Expenditures	\$162,000	6.9%	Implement water use efficiency, outreach and education projects, address ongoing water conservation needs, and pass through grant funds to water contractors and other partners.

- **Storage, Common, and Sonoma Bond/Loan Charges: (Budget Packet Pages 42-54):**

- The rates are calculated by dividing the annual debt service and reserve requirements (2012A, 2015A, and proposed 2019A Water Revenue Bonds) by water deliveries. The FY19-20 new money financing (Water Revenue Bonds 2019A): Total \$11.01M at 2.44% for 25 years.

Storage and Common Bond/Loan Charges	Increase (Decrease) in Dollars	Percent Change	Description
Storage Bond/Loan Charge	(\$6.94)	-22.2%	Fiscal Year 2019-2020 rate is \$31.22. Rate is based on revenue requirement for debt service divided by water deliveries. Rate decrease is due to 2015 Storage Bond proceeds being reallocated to Common Facilities for capital expenditure needs in Common Facilities.
Common Bond/Loan Charge	\$6.28	6.9%	Fiscal Year 2019-2020 rate is \$90.88. Rate is based on revenue requirement for debt service divided by water deliveries. Rate increase due to 2015 Bonds reallocated from Storage to Common, and issuance of 2019 Bonds for capital expenditure needs in Common Facilities.
Sonoma Aqueduct Bond/Loan Charge	\$5	3.6%	Fiscal Year 2019-2020 rate is \$130.50. Sonoma Aqueduct pays an additional revenue bond charge for the bonds associated with the Eldridge-Madrone Pipeline Project. Rate is based on revenue requirement for debt service divided by water deliveries. Rate increase due to issuance of 2019 Bonds for capital expenditures in Sonoma Aqueduct Fund.

- **Aqueduct Capital Charge: (Budget Packet Page 1):**

- A discretionary charge is added by the water contractors to build fund balance for future aqueduct capital projects and to provide rate stabilization capacity.
- The FY 2019-2020 budget included a rate per AF of \$27 for all three aqueducts (Santa Rosa, Petaluma, and Sonoma Aqueducts).

- The FY 2020-2021 draft budget includes a \$27 per Acre-Foot charge for the Santa Rosa and Petaluma Aqueduct capital funds.
- Per Valley of the Moon Water District's request (pending discussions with City of Sonoma), Sonoma Water has rolled the overall rate reduction from the previous draft of the budget package (1/17/2020) into the Sonoma Aqueduct Capital Charge as follows:

	Previous Draft (1/17/2020)	Revised Draft Budget (2/19/2020)	Revised Draft Budget (2/19/2020) Per VOMWD Request
Sonoma AQ Capital Charge	\$27.00	\$27.00	\$32.00
Total Sonoma Aqueduct Rate	\$1,107.66	\$1,102.21	\$1,107.21
Total Sonoma Aqueduct Rate Increase	5.61%	5.09%	5.57%

- **Overall Draft Proposed Rate Increases: (Budget Packet Pages 1-7):**
  - 5.3% (Santa Rosa and Petaluma Aqueducts); 5.57% (Sonoma Aqueduct)
  - FY 2020-2021 budgeted deliveries are based on the last 12 months of water deliveries (Calendar Year (CY) 2019: 43,707 AF). FY 2020-2021 budgeted deliveries are 0.37% less than FY 2019-2020 budgeted deliveries.
  - The FY2020-2021 budget accommodates an increase in large non-routine maintenance projects (cathodic protection and tank recoats), the regional water supply resiliency, water system risk and resiliency assessment, and water quality studies, Dry Creek Habitat Enhancement design and right-of-way for phases 4, 5, and 6, and construction for phase 4; and investment in hazard mitigation and other capital infrastructure projects.

#### FY 2020-2021 Capital Projects

#### (Budget Packet Pages 31-41):

Project	Category	Amount
Santa Rosa Creek Crossing	Santa Rosa AQ	9,544,565
Ely BPS Flood Control & Electrical Upgrade	Petaluma AQ	64,845
LHMP - Program Design	Sonoma AQ	50,000
SBS Electrical Upgrade and Pumping Reliability	Sonoma AQ	577,000
Sonoma AQ Crossing of Spring Creek & Bennett Valley Fault Cross	Sonoma AQ	50,000
LHMP-Bennet Valley Fault Crossing (Oakmont Pipeline)	Storage	50,000
LHMP-Program Design	Storage	50,000
Ralphine Tanks Flow Thru Conversion	Storage	50,000
Collector 1 and 2 Chlorine Line replacement	Common	127,000
LHMP Program Design	Common	125,000
Mirabel Maintenance Building	Common	60,000
MW Creek Crossing	Common	327,000
RDS Pump and Motor Control Center Replacement	Common	121,029
RR Crossing	Common	46,000
Tank Level - Emergency Backup Power	Common	84,372
Warm Springs Dam Hydroturbine Retrofit	Common	700,000
Wohler Bridge Fiber Optic Cable	Common	150,000
Wohler Plant Access Rd. Retaining Wall	Common	221,000
SCADA Upgrade	Common	250,000
	TOTAL	12,647,811
	Santa Rosa AQ	9,544,565
	Petaluma AQ	64,845
	Sonoma AQ	677,000
	Storage	150,000
	Common	2,211,401
		12,647,811

## **Implementation of Sonoma County Civil Grand Jury 2018-2019 Recommendation R1**

In the August 12, 2019 response to the Grand Jury, Sonoma Water described its plan to present funding options to the Water Advisory Committee's Technical Advisory Committee (TAC) during preparation of the Fiscal Year 20-21 budget.

Water rates can be set at a level sufficient to provide supplemental funding designated specifically for the implementation of natural hazard mitigation projects (including seismic hazard mitigation). The proposed designated funding would occur in the form of annual budget appropriations specifically designated for natural hazard mitigation in the Common Facilities Fund and/or increases to the aqueduct capital charge (applicable to aqueduct capital funds). The supplemental funding would increase the amount of available funds to meet the match obligations of grant funding opportunities, promote rate stabilization when certain years have particularly large expenditures, and lessen the likelihood of implementation delays caused by funding limitations.

At the January 6, 2020 meeting with the TAC ad hoc, and the January 17, 2020 with the TAC ad hoc budget subcommittee, Sonoma Water presented the following funding options to accelerate implementation of seismic hazard mitigation projects.

Option 1: Appropriate \$225,000 in the FY2020-2021 budget in the capital funds to supplement the \$605,000 in existing funds that Sonoma Water has proactively set aside in prior years to fund preliminary engineering and conceptual seismic hazard mitigation project development for multiple project sites that will better position Sonoma Water to compete for and secure external funds. The Option 1 budget appropriation increases the rate approximately 0.5%.

Option 2: Appropriate an estimated \$450,000 in labor costs to fund 0.5 FTE Emergency Manager and 0.5 FTE Operations and Maintenance Manager to facilitate accelerating implementation of seismic hazard mitigation projects. The Option 2 budget appropriation increases the rate approximately 1%.

Option 3: Include a rate per Acre-Foot in the aqueduct capital charge for each aqueduct to provide funding for future hazard mitigation projects. Each \$9 of aqueduct capital charge would result in an estimated 1% increase in the rate. A capital charge of \$9 per Acre-Foot would generate approximately \$240,000, \$128,000, and \$40,000 of funding for the Santa Rosa, Petaluma, and Sonoma Aqueducts, respectively.

Option 4: Combine Options 1, 2 and 3.

Sonoma Water also presented an option to further increase annual budget appropriations to the Common Facilities Fund to provide funding for future hazard mitigation projects where each 1% increase in the rate would generate about \$400,000 of funding for Common Facilities.

The TAC ad hoc budget subcommittee plans to recommend Option 4 and will further consider other funding options to accelerate implementation of seismic hazard mitigation projects during the next budget cycle.

**Sonoma County Water Agency  
FY2020-2021 Draft Water Transmission Budget and Rates**

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FY2020-2021

Prime Contractor Rates Summary

	<b>CHARGE PER ACRE FOOT:</b>			FY19-20			Percent Change
	<b>Santa Rosa</b>	<b>Petaluma</b>	<b>Sonoma</b>	SR	Pet	Son	
	<b>Aqueduct</b>	<b>Aqueduct</b>	<b>Aqueduct</b>				
<b>O&amp;M Charge [4.2]</b>	656.51	656.51	656.51	\$615.20	\$615.20	\$615.20	6.71%
<b>Water Management Planning Sub-charge [4.13]</b>	0.92	0.92	0.92	\$1.14	\$1.14	\$1.14	-19.72%
<b>Watershed Planning/Restoration Sub-charge [4.14]</b>	117.33	117.33	117.33	\$102.96	\$102.96	\$102.96	13.95%
<b>Recycled Water &amp; Local Supply Sub-charge [4.15]</b>	0.94	0.94	0.94	\$2.96	\$2.96	\$2.96	-68.31%
<b>Water Conservation Sub-charge [4.16]</b>	42.81	42.81	42.81	\$46.94	\$46.94	\$46.94	-8.81%
<b>O&amp;M Charge</b>	<b>818.51</b>	<b>818.51</b>	<b>818.51</b>	\$769.20	\$769.20	\$769.20	6.41%
<b>Storage and Common Bond &amp; Loan Charges</b>	121.44	121.44	121.44	\$122.10	\$122.10	\$122.10	-0.54%
<b>Sonoma Aqueduct Bond Charge</b>			135.26			\$130.50	3.6%
<b>PRIME CONTRACTORS</b>	<b>\$939.95</b>	<b>\$939.95</b>	<b>\$1,075.21</b>	\$891.30	\$891.30	\$1,021.80	5.46%
<b>Capital Charges - to build fund balance for future projects</b>	27.00	27.00	32.00	\$27.00	\$27.00	\$27.00	0%
<b>PRIME CONTRACTORS</b>	27.00	27.00	32.00	\$27.00	\$27.00	\$27.00	0%
<b>TOTAL PRIME CONTRACTORS</b>	<b>\$966.95</b>	<b>\$966.95</b>	<b>\$1,107.21</b>	\$918.30	\$918.30	\$1,048.80	5.30%
Increase from FY19-20	5.30%	5.30%	5.57%	4.60%	4.60%	4.77%	

FY2020-2021

Prime Contractor Rates Summary

<b><i>CHARGE PER ACRE FOOT:</i></b>			
<b>Petaluma AQ</b>			
	<b>NMWD</b>	NMWD	Percent Change
	<b>FY20-21</b>	FY19-20	
<b>O&amp;M Charge [4.2]</b>	656.51	\$615.20	6.72%
<b>Water Management Planning Sub-charge [4.13]</b>	0.92	\$1.14	-19.72%
<b>Watershed Planning/Restoration Sub-charge [4.14]</b>	117.33	\$102.96	13.95%
<b>Recycled Water &amp; Local Supply Sub-charge [4.15]</b>	0.94	\$2.96	-68.31%
<b>Water Conservation Sub-charge [4.16]</b>	42.81	\$46.94	-8.81%
<b>O&amp;M Charge</b>	818.51	\$769.20	6.41%
<b>North Marin Bond &amp; Loan Charge [4.9]</b>	67.69	\$57.71	17.30%
<b>Russian River Conservation Charge [4.18 (a)]</b>	106.12	\$102.09	3.95%
<b>Russian River Projects Charge [4.18 (b)]</b>	8.68	\$8.34	4.08%
<b><i>TOTAL NMWD</i></b>	<b>\$1,001.00</b>	<b>\$937.34</b>	<b>6.79%</b>

WATER TRANSMISSION SYSTEM  
 FY20-21 WATER CHARGES PER ACRE-FOOT  
 FOR PRIME CONTRACTORS

FISCAL YEAR	SANTA ROSA AQUEDUCT	% INCR. (DECR.)	PETALUMA AQUEDUCT	% INCR. (DECR.)	SONOMA AQUEDUCT	% INCR. (DECR.)
2020 - 2021	966.95	5.30%	966.95	5.30%	1107.21	5.57%
2019 - 2020	918.30	4.60%	918.30	4.60%	1048.80	4.77%
2018 - 2019	877.88	3.67%	877.88	3.67%	1001.06	5.98%
2017 - 2018	846.78	4.98%	846.78	4.98%	944.56	5.58%
2016 - 2017	806.59	5.98%	806.59	5.98%	894.62	6.94%
2015 - 2016	761.05	4.16%	761.05	4.16%	836.55	5.46%
2014 - 2015	730.68	3.60%	730.68	3.60%	793.24	3.19%
2013 - 2014	705.30	4.95%	705.30	4.95%	768.75	3.84%
2012 - 2013	672.03	5.98%	672.03	5.98%	740.34	5.26%
2011 - 2012	634.11	5.00%	634.11	5.00%	703.33	4.28%
2010 - 2011	603.92	6.93%	603.92	6.93%	674.47	8.42%
2009 - 2010	564.78	19.88%	564.78	10.50%	622.11	27.95%
2008 - 2009	471.13	6.66%	511.13	10.71%	486.22	7.22%
2007 - 2008	441.70	2.41%	461.70	2.31%	453.49	2.46%
2006 - 2007	431.29	4.51%	451.29	4.30%	442.60	4.26%
2005 - 2006	412.68	2.53%	432.68	2.41%	424.53	2.44%
2004 - 2005	402.51	2.19%	422.51	2.08%	414.42	1.59%
2003 - 2004	393.89	1.65%	413.89	4.02%	407.95	5.30%
2002 - 2003	387.49	1.10%	397.90	3.61%	387.43	3.76%
2001 - 2002	383.29	15.88%	384.02	15.80%	373.38	16.41%
2000 - 2001	330.76	6.72%	331.61	6.60%	320.74	7.60%

**WATER TRANSMISSION SYSTEM  
FY20-21 REVENUE SUMMARY CHART**

WATER CUSTOMER	FY20-21 Budgeted Water Use (Acre-Feet)	FY19-20 Rate \$/Acre-Foot	FY20-21 Proposed Rate \$/Acre-Foot	Dollar Change	Percent Change
Santa Rosa Aqueduct	17,389	\$918.30	\$966.95	\$48.65	5.30%
Petaluma Aqueduct	9,625	918.30	966.95	\$48.65	5.30%
Sonoma Aqueduct	3,950	1,048.80	1,107.21	\$58.41	5.57%
North Marin Water District	5,250	937.34	1,001.00	\$63.66	6.79%
Marin Municipal – Fourth Off Peak	4,300	1,129.74	1,188.11	\$58.37	5.17%
Marin Municipal – Supplemental	1,227	1,129.74	1,188.11	\$58.37	5.17%
Forestville Aqueduct	393	918.30	966.95	\$48.65	5.30%
Wholesale/Municipal	1,010	1,258.55	1328.644	\$70.09	5.57%
Surplus	96	923.04	982.21	\$59.17	6.41%
Windsor	468	1,101.96	1,160.34	\$58.38	5.30%
<b>TOTAL</b>	43,707				

**SONOMA COUNTY WATER AGENCY RATES FOR WATER DELIVERIES IN FY20-21**

**[X] ESTIMATED [ ] OFFICIAL**  
**Approved by Board of Directors on April \_\_\_\_\_, 2020**

**CHARGE PER ACRE FOOT:**

	Santa Rosa Aqueduct	Petaluma Aqueduct	Sonoma Aqueduct
<b>PRIME CONTRACTORS</b>			
<u>O&amp;M Charge [4.2]</u>	\$656.51	\$656.51	\$656.51
Water Management Planning Sub-charge [4.13]	\$0.92	\$0.92	\$0.92
Watershed Planning/Restoration Sub-charge [4.14]	\$117.33	\$117.33	\$117.33
Recycled Water & Local Supply Sub-charge [4.15]	\$0.94	\$0.94	\$0.94
Water Conservation Sub-charge [4.16]	\$42.81	\$42.81	\$42.81
O&M Charge	\$818.51	\$818.51	\$818.51
 <u>Bond &amp; Loan Charges - to pay for existing debt service</u>			
Storage Facilities Capital Charge [4.7]	24.28	24.28	24.28
Common Facilities Capital Charge [4.8]	97.16	97.16	97.16
Sonoma Aqueduct Facilities Capital Charges [4.6 b]			135.26
<i>Total Bond &amp; Loan Charges</i>	\$121.44	\$121.44	\$256.70
<i>Discretionary:</i>			
<u>Aqueduct Capital Charges - to build fund balance for future projects</u>			
Aqueduct Facilities Capital Charges [4.6 e]	27.00	27.00	32.00
 LRT2 - included in Recycled Water & Local Supply Sub-Charge above.			
<b>TOTAL PRIME CONTRACTORS</b>	<b>\$966.95</b>	<b>\$966.95</b>	<b>\$1,107.21</b>
Charge without LRT2 and voluntary AQ Capital Charge	\$939.95	\$939.95	\$1,075.21
<b>OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES</b>			
<b><u>(WATER CO'S &amp; PUBLIC AGENCIES)</u></b>			
O&M Charge	\$818.51	\$818.51	\$818.51
Capital Charges	121.44	121.44	256.70
Aqueduct Facilities Capital Charge [4.12]	\$388.70	\$388.70	\$253.44
<b>TOTAL OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES (4.12)</b>	<b>\$1,328.64</b>	<b>\$1,328.64</b>	<b>\$1,328.64</b>
<i>(120% OF HIGHEST PRIME)</i>			
<b>FORESTVILLE</b>			
O&M Charge [4.2] *	\$656.51		
Water Management Planning Sub-charge [4.13]	0.92		
Watershed Planning/Restoration Sub-charge [4.14]	117.33		
Recycled Water & Local Supply Sub-charge [4.15]	0.94		
Water Conservation Sub-charge [4.16]	42.81		
O&M Charge	\$818.51		
<u>Bond &amp; Loan Charges - to pay for existing debt service</u>			
Aqueduct Facilities Capital Charges [4.6]	27.00		
Storage Facilities Capital Charge [4.7]	24.28		
Common Facilities Capital Charge [4.8]	97.16		
<i>Total Capital Charges</i>	\$148.44		
<b>TOTAL FORESTVILLE</b>	<b>\$966.95</b>		
* Forestville Water District was exempt from Santa Rosa Aqueduct sub-charge from FY 06/07 to FY 16/17 [4.12].			
<b>NORTH MARIN WATER DISTRICT</b>			
O&M Charge		\$818.51	
North Marin Bond & Loan Charge [4.9]		67.69	
Russian River Conservation Charge [4.18 (a)]		106.12	
Russian River Projects Charge [4.18 (b)]		8.68	
<b>TOTAL NORTH MARIN WATER DISTRICT</b>		<b>1,001.00</b>	
<b>FOURTH OFF-PEAK (MARIN MUNICIPAL)</b>			
Highest Prime on SR and PET AQ x 1.11		\$1,073.31	
Russian River Conservation Charge		106.12	
Russian River Projects Charge		8.68	
<b>TOTAL FOURTH OFF-PEAK</b>		<b>\$1,188.11</b>	
<b>SUPPLEMENTAL (MARIN MUNICIPAL)</b>			
Highest Prime on SR and PET AQ x 1.11		\$1,073.31	
Russian River Conservation Charge		106.12	
Russian River Projects Charge		8.68	
<b>TOTAL SUPPLEMENTAL</b>		<b>\$1,188.11</b>	
<b>SURPLUS</b>			
Non-Municipal / Municipal [4.11 (a)]	\$982.21	\$982.21	\$982.21
<i>(120% of O&amp;M Charge)</i>			
<b>Town of Windsor</b>			
		\$1,160.34	
Town of Windsor is charged 120% of the highest charge for any other prime contractor on the Santa Rosa Aqueduct from FY 06/07 to FY 21/22 [4.17 (a)]. Town of Windsor pays all subcharges [4.13, 4.14, 4.15, and 4.16] on all water they divert from the Russian River using their equipment [4.17 (b)].			
	\$1,160.34		

The applicable section of the Restructured Agreement has been indicated in brackets.

**FY 2020-21 BUDGET**  
**SONOMA COUNTY WATER AGENCY**  
*Operations and Maintenance Rate Computation*

**O & M REVENUE REQUIREMENT**

<b>FY20-21</b>	<b>ESTIMATED FISCAL YEAR EXPENDITURES</b>	\$50,614,959
<b>LESS:</b>		
	DepreciationAmortization	7,816,000
	Investment Income, Interest on Pooled Cash, Charges for Services	165,750
	Power Sales	100,000
	PWRPA Pre-paid Expense - FY 08/09 Rate Reduction- <i>One time only</i> "Mandatory Prudent Reserve" charge	
	Recycled Water funds (Sub-object 7277) taken from special reserve	0
	Transfers Out	12,958,957
		\$29,574,252
	REVENUE REQUIREMENT (Net Expenditures)	\$29,574,252

**O & M ACRE FOOT BASE**

DELIVERIES:		43,707.2
<b>LESS:</b>		
	Marin Municipal Surplus (Irrigation)	5,527.1
		95.6
	TOTAL BASE DELIVERIES	38,084.5

**O & M RATE COMPUTATION:**

Rate = Revenue Requirement - (Marin Municipal Deliveries x 1.11 x 0.92568 x Highest Prime Rate  
on Petaluma or Santa Rosa Aqueduct - Subfunds)  
Total Deliveries - Surplus Deliveries - Marin Muni Deliveries

$$= \frac{29,574,252 - (4,300.00 \times 827.10) - (1,227.09 \times 827.10)}{43,707.2 - 95.6 - 5,527.1}$$

\* = **656.51**

**FY20-21**  
**Proposed Water Rates**

	<b><u>FY19-20</u></b>	<b><u>FY20-21</u></b>	
	<b>(Actual)</b>	<b>(Proposed)</b>	<b>% Change</b>
O&M Charge	615.20	656.51	6.71%
Water Management Planning Sub-Charge	1.14	0.92	-19.72%
Watershed Planning/Restoration Sub-Charge	102.96	117.33	13.95%
Recycled Water Sub-Charge	2.96	0.94	-68.31%
Water Conservation Sub-Charge	46.94	42.81	-8.81%
<b>Total O&amp;M Charge</b>	<b>769.20</b>	<b>818.50</b>	<b>6.41%</b>

**Santa Rosa Aqueduct Rate**

O&M Charge	769.20	818.51	6.41%
Aqueduct Facilities Capital Charges [4.6 e]	27.00	27.00	0.0%
Storage Facilities Capital Charge [4.7]	31.22	24.28	-22.24%
Common Facilities Capital Charge [4.8]	90.88	97.16	6.91%
<b>TOTAL</b>	<b>918.30</b>	<b>966.95</b>	<b>5.30%</b>

**Petaluma Aqueduct Rate**

O&M Charge	769.20	818.51	6.41%
Aqueduct Facilities Capital Charges [4.6 e]	27.00	27.00	0.0%
Storage Facilities Capital Charge [4.7]	31.22	24.28	-22.24%
Common Facilities Capital Charge [4.8]	90.88	97.16	6.91%
<b>TOTAL</b>	<b>918.30</b>	<b>966.95</b>	<b>5.30%</b>

**Sonoma Aqueduct Rate**

O&M Charge	769.20	818.51	6.41%
Aqueduct Facilities Capital Charges [4.6 e]	27.00	32.00	18.5%
Storage Facilities Capital Charge [4.7]	31.22	24.28	-22.24%
Common Facilities Capital Charge [4.8]	90.88	97.16	6.91%
Sonoma Aqueduct Facilities Capital Charge	130.50	135.26	3.65%
<b>TOTAL</b>	<b>1048.80</b>	<b>1107.21</b>	<b>5.57%</b>

**SONOMA COUNTY WATER AGENCY**  
**RUSSIAN RIVER CONSERVATION CHARGE COMPUTATION**

**FISCAL YEAR 2020-21**

**PROPERTY ASSESSMENT VALUES AS OF FY19-20:**

<u>TAX CODE</u>	<u>ENTITY</u>	<u>SECURED</u>	<u>UNSECURED</u>	<u>TOTAL VALUE</u>
14000	Forestville Co Water District	452,933,736	2,181,090	\$455,114,826
42800	City of Cotati	1,171,732,726	26,672,022	1,198,404,748
43500	City of Petaluma	10,377,864,299	430,088,763	10,807,953,062
43800	City of Rohnert Park	5,722,020,923	143,889,136	5,865,910,059
44500	City of Santa Rosa	24,674,068,829	746,895,959	25,420,964,788
45000	City of Sonoma	2,938,816,046	77,673,856	3,016,489,902
N/A	Valley of the Moon Water District	3,624,923,869	27,276,527	3,652,200,396
	<b>TOTAL</b>	<b>\$48,962,360,428</b>	<b>\$1,454,677,353</b>	<b>\$50,417,037,781</b>

**Notes:**

- Total value of secured and unsecured property in service areas of Prime Water Contractors of Sonoma County (see above) \$50,417,037,781
- 2016-17 Sonoma County tax rate per \$100 of full cash value assessed for payment of Warm Springs Dam Project Obligations 0.007
- Total tax levied on citizens residing in service areas of Prime Water Contractors of Sonoma County, i.e., (Line 1/100) x Line 2 \$3,529,193
- Total acre feet of water delivered to Prime Water Contractors of Sonoma County (excluding North Marin and Town of Windsor) plus deliveries to Forestville during the prior 12 month period ending March 31. 33,256.56
- Total Russian River Conservation Charge per Acre Foot (Line 3 / Line 4) \$106.12

**Russian River Projects Charge**  
Historical calculations

**RR Conservation Charge**  
Historical calculations

**Reset print area ea**

For FY	Calculated	Actual Charge	
06-07	17.02	\$17.02	\$48.33
07-08	21.4	\$20.00	\$52.70
08-09	25.08	\$20.00	\$58.44
09-10	24.68	\$20.00	\$57.70
10-11	24.4	\$20.00	\$74.62
11-12	23.44	\$20.00	\$72.27
12-13	20.38	\$20.00	\$72.08
13-14	14.72	\$14.72	\$63.30
14-15	8.72	\$8.72	\$63.90
15-16	12.39	\$12.39	\$69.38
16-17	12.96	\$12.96	\$78.73
17-18	13.08	\$13.08	\$105.78
18-19	9.13	\$9.13	\$109.75
19-20	8.34	\$8.34	\$102.09
20-21	8.68	<b>\$8.68</b>	<b>\$106.12</b>

**SCHEDULE OF WATER DELIVERIES BY AQUEDUCT  
PAST 36 MONTHS / 12 MONTHS AVERAGE**

		DELIVERING AQUEDUCT				Monthly Total
		Santa Rosa	Petaluma	Forestville	Sonoma	
36	Jan-17	1,099.2	1,219.7	26.9	220.0	2,565.8
35	Feb-17	1,023.6	1,130.4	22.6	186.5	2,363.1
34	Mar-17	992.1	1,055.3	17.3	184.7	2,249.3
33	Apr-17	1,086.7	1,777.0	22.3	215.7	3,101.7
32	May-17	1,416.0	2,095.9	30.7	348.9	3,891.5
31	Jun-17	1,627.3	2,280.7	34.6	391.6	4,334.2
30	Jul-17	2,295.9	2,711.9	52.3	584.6	5,644.7
29	Aug-17	1,678.8	2,246.2	43.3	450.1	4,418.4
28	Sep-17	2,250.3	2,634.2	51.6	546.3	5,482.4
27	Oct-17	1,788.9	2,170.0	42.7	445.3	4,446.9
26	Nov-17	1,123.1	1,350.7	25.4	257.4	2,756.7
25	Dec-17	1,107.6	1,268.4	20.9	196.0	2,593.0
24	Jan-18	1,307.1	1,496.0	25.4	228.5	3,057.1
23	Feb-18	1,097.9	1,292.8	20.2	210.7	2,621.6
22	Mar-18	1,059.5	1,691.3	19.3	179.0	2,949.0
21	Apr-18	1,361.0	2,012.0	27.2	267.7	3,667.9
20	May-18	1,475.9	2,043.2	29.0	340.3	3,888.4
19	Jun-18	1,825.4	2,338.6	37.5	406.5	4,608.0
18	Jul-18	2,244.4	2,877.4	53.4	577.1	5,752.3
17	Aug-18	1,748.3	2,239.0	47.9	446.1	4,481.3
16	Sep-18	1,681.1	2,073.3	44.8	411.1	4,210.4
15	Oct-18	1,931.3	2,273.1	43.0	449.9	4,697.3
14	Nov-18	1,409.2	1,759.8	28.8	329.2	3,527.0
13	Dec-18	1,326.0	1,720.4	24.2	299.4	3,370.1
12	Jan-19	1,002.3	1,176.4	19.0	198.2	2,396.0
11	Feb-19	1,098.3	1,137.9	18.4	176.0	2,430.7
10	Mar-19	1,165.9	1,028.0	20.8	164.9	2,379.6
9	Apr-19	1,265.0	1,794.2	24.6	177.3	3,261.2
8	May-19	1,117.0	2,055.4	29.2	264.6	3,466.1
7	Jun-19	1,588.5	2,062.7	32.1	315.4	3,998.7
6	Jul-19	2,297.8	2,778.4	51.7	538.0	5,666.1
5	Aug-19	1,872.0	2,185.7	48.2	456.5	4,562.4
4	Sep-19	1,734.9	2,078.1	41.9	457.0	4,311.9
3	Oct-19	2,000.5	2,290.4	48.3	514.5	4,853.8
2	Nov-19	1,502.4	1,484.6	40.2	410.9	3,438.0
1	Dec-19	1,307.8	1,339.8	18.4	276.7	2,942.8
<b>Total Deliveries</b>		53,909.1	67,168.9	1,184.3	12,122.9	134,385.1
<b>3-Year Annual Average</b>		17,969.7	22,389.6	394.8	4,041.0	44,795.0
<b>Past 12 Months</b>		17,952.5	21,411.6	393.0	3,950.2	43,707.2
Total Deliveries		53,909.1	67,168.9	1,184.3	12,122.9	134,385.1
Less: North Marin			17,084.7			17,084.7
Marin Municipal			16,098.7			16,098.7
<b>Sonoma Co. Deliveries</b>		53,909.1	33,985.4	1,184.3	12,122.9	101,201.6
<b>3-Year Annual Average</b>		17,969.7	11,328.5	394.8	4,041.0	33,733.9



## FY 2020-21 BUDGET

### Water Transmission System Agency Fund

#### *ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges*

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>WATER SALES - O&amp;M</u></b>			
1 PRIMES without Subcharges	37,074.7	656.51	24,339,897
2 OTHER AGENCY CUSTOMERS	1,009.8	1,166.66	1,178,114
3 MARIN MUNICIPAL (OFF-PEAK)	4,300.0	827.10	3,556,528
4 MARIN MUNICIPAL (SUPPLEMENTAL)	1,227.1	827.10	1,014,925
5 SURPLUS CUSTOMERS	95.6	820.22	78,410
<b>TOTAL WATER SALES - O&amp;M</b>	43,707.2	N/A	\$30,167,874

Note: MMWD rate adjusted per Amended MMWD Water Supply Agreements Effective 7/1/15.

#### ***Sub-Object 4175, 4176, 4177, and 4178***

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>WATER SALES - Sub-charges</u></b>			
1a Water Management Planning Sub-charge [4.13]	43,707.2	0.92	40,000
1b Watershed Planning/Restoration Sub-charge [4.14]	43,707.2	117.33	5,128,067
1c Recycled Water & Local Supply Sub-charge [4.15]	43,707.2	0.94	41,000
1d Water Conservation Sub-charge [4.16]	43,707.2	42.81	1,870,952
<b>TOTAL WATER SALES - Subcharges</b>	43,707.2	N/A	\$7,080,019

**FY 2020-21 BUDGET**

**Water Transmission System Agency Fund**

**SANTA ROSA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges**

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>WATER SALES - O&amp;M</u></b>			
1 SANTA ROSA AQUEDUCT	17,952.5	656.51	11,785,973

**Sub-Object 4175, 4176, 4177, and 4178**

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>WATER SALES - Sub-charges</u></b>			
1a Water Management Planning Sub-charge [4.13]	17,952.5	0.92	16,430
1b Watershed Planning/Restoration Sub-charge [4.14]	17,952.5	117.33	2,106,323
1c Recycled Water & Local Supply Sub-charge [4.15]	17,952.5	0.94	16,841
1d Water Conservation Sub-charge [4.16]	17,952.5	42.81	768,483
<b>TOTAL WATER SALES - Subcharges</b>	17,952.5	N/A	\$2,908,077

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>CAPITAL CHARGES</u></b>			
Aqueduct Facilities Capital Charges [4.6 e]	17,952.5	27.00	484,717
<b><u>BOND AND LOAN CAPITAL CHARGES</u></b>			
Storage Facilities Capital Charge [4.7]	17,952.5	24.28	435,840
Common Facilities Capital Charge [4.8]	17,952.5	97.16	1,744,316
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	17,952.5	0.00	0
<b>TOTAL WATER SALES - Capital &amp; Bond and Loan Charges</b>	17,952.5	N/A	\$2,664,873

**TOTAL ESTIMATED REVENUE**

**\$17,358,923**

**FY 2020-21 BUDGET**

**Water Transmission System Agency Fund**

**PETALUMA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges**

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>WATER SALES - O&amp;M</u></b>			
1 PETALUMA AQUEDUCT	21,411.6	656.51	14,056,886

**Sub-Object 4175, 4176, 4177, and 4178**

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>WATER SALES - Sub-charges</u></b>			
1a Water Management Planning Sub-charge [4.13]	21,411.6	0.92	19,595
1b Watershed Planning/Restoration Sub-charge [4.14]	21,411.6	117.33	2,512,168
1c Recycled Water & Local Supply Sub-charge [4.15]	21,411.6	0.94	20,085
1d Water Conservation Sub-charge [4.16]	21,411.6	42.81	916,553
<b>TOTAL WATER SALES - Subcharges</b>	21,411.6	N/A	\$3,468,401

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b><u>CAPITAL CHARGES</u></b>			
Aqueduct Facilities Capital Charges [4.6 e]	21,411.6	27.00	578,112
<b><u>BOND AND LOAN CAPITAL CHARGES</u></b>			
Storage Facilities Capital Charge [4.7]	21,411.6	24.28	519,818
Common Facilities Capital Charge [4.8]	21,411.6	97.16	2,080,410
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	21,411.6	0.00	0
<b>TOTAL WATER SALES - Capital &amp; Bond and Loan Charges</b>	21,411.6	N/A	\$3,178,340

**TOTAL ESTIMATED REVENUE**

**\$20,703,627**

**FY 2020-21 BUDGET**

**Water Transmission System Agency Fund**

**SONOMA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges**

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b>WATER SALES - O&amp;M</b>			
1 SONOMA AQUEDUCT	3,950.2	656.51	2,593,335

**Sub-Object 4175, 4176, 4177, and 4178**

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b>WATER SALES - Sub-charges</b>			
1a Water Management Planning Sub-charge [4.13]	3,950.2	0.92	3,615
1b Watershed Planning/Restoration Sub-charge [4.14]	3,950.2	117.33	463,466
1c Recycled Water & Local Supply Sub-charge [4.15]	3,950.2	0.94	3,706
1d Water Conservation Sub-charge [4.16]	3,950.2	42.81	169,094
<b>TOTAL WATER SALES - Subcharges</b>	3,950.2	N/A	\$639,881

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<b>CAPITAL CHARGES</b>			
Aqueduct Facilities Capital Charges [4.6 e]	3,950.2	32.00	126,406
<b>BOND AND LOAN CAPITAL CHARGES</b>			
Storage Facilities Capital Charge [4.7]	3,950.2	24.28	95,900
Common Facilities Capital Charge [4.8]	3,950.2	97.16	383,812
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	3,950.2	135.26	534,306
<b>TOTAL WATER SALES - Capital &amp; Bond and Loan Charges</b>	3,950.2	N/A	\$1,140,424

**TOTAL ESTIMATED REVENUE**

**\$4,373,640**

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

**Water Transmission System Agency Fund**

Fund/Department No:

**44205 33040100**

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>7,779,311</b>	<b>10,923,302</b>		<b>7,480,284</b>		

**REVENUES**

**USE OF MONEY / PROPERTY**

44002 Interest on Pooled Cash	387,673	170,250	170,250	165,750	(4,500)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	225,024	(160,000)	0	0	0	N/A
44109 Concessions	0	0	0	0	0	N/A
44101 Rent - Real Estate	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>612,697</b>	<b>10,250</b>	<b>170,250</b>	<b>165,750</b>	<b>(4,500)</b>	<b>(2.64%)</b>

**INTERGOVERNMENTAL REVENUES**

42282 State CalOES Disaster Funding	19,700	0	0	0	0	N/A
42284 State Cal OES Admin Allowance	0	0	0	0	0	N/A
42358 State Other Funding	0	0	0	0	0	N/A
42441 Federal FEMA Disaster Funding	78,799	990,000	0	0	0	N/A
42461 Federal Other Funding	0	0	0	0	0	N/A
42610 Other Governmental Agencies	0	0	0	0	0	N/A
42621 North Marin Water District	0	0	0	0	0	N/A
42701 Revenue Appl - PY Intergovmtl	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>98,499</b>	<b>990,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>

**CHARGES FOR SERVICES**

45062 Construct/Bldg Permit Rvw Svcs	8	0	0	0	0	N/A
45065 Inspection Fees	0	0	0	0	0	N/A
45223 Sewer/Water Hook up Fees	23,820	16,000	0	0	0	N/A
45301 Charges for Services	6,000	0	0	0	0	N/A
45314 Sale - Power	36,156	100,000	100,000	100,000	0	0.00%
45315 Sale - Water, Wholesale	26,250,627	28,357,469	28,357,469	30,167,874	1,810,405	6.38%
45316 Water Conservation	2,048,011	2,059,207	2,059,207	1,870,952	(188,255)	(9.14%)
45323 Common Fac Rev Bond Chg	3,232,244	3,310,088	3,310,088	3,545,690	235,603	7.12%
45324 Storage Fac Rev Bond Chg	1,348,905	1,023,809	1,023,809	797,136	(226,673)	(22.14%)
45325 Sonoma Aqueduct Rev Bond Chg	536,136	510,089	510,089	534,306	24,217	4.75%
45327 Santa Rosa Aqueduct Cap Chg	516,915	561,741	561,741	546,474	(15,266)	(2.72%)
45328 Petaluma Aqueduct Cap Chg	276,405	328,090	328,090	332,486	4,396	1.34%
45329 Sonoma Aqueduct Cap Chg	12,849	100,262	100,262	122,845	22,583	22.52%
45330 North Marin Rev Bond Chg	294,698	329,604	329,604	355,399	25,794	7.83%
45331 Water Mgmt Plan/Restore Chg	45,378	50,000	50,000	40,000	(10,000)	(20.00%)
45332 Watershed Plan/Restore Chg	4,129,977	4,516,770	4,516,770	5,128,067	611,297	13.53%
45333 Recycled Water & Local Supply	132,403	130,013	130,013	41,000	(89,013)	(68.46%)
45401 Revenue Appl PY Chgs for Svcs	30,490	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>38,921,021</b>	<b>41,393,143</b>	<b>41,377,143</b>	<b>43,582,229</b>	<b>2,205,087</b>	<b>5.33%</b>

**Miscellaneous Revenues**

46027 Insurance Claims Reimbursement	0	0	0	0	0	N/A
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## Section Title:

## Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	6,287	2,700	0	0	0	N/A
46041 Discounts Earned	1,508	6	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	(865)	3,600	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	36	3,000	0	0	0	N/A
46205 PY Revenue – Charges for Servi	0	0	0	0	0	N/A
46215 Other Grants	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>6,966</b>	<b>9,306</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>
<b>OTHER FINANCING SOURCES</b>						
47002 Sale of Capital Assets	0	0	0	0	0	N/A
47101 Transfers In - within a Fund	0	0	0	0	0	N/A
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL REVENUES</b>	<b>39,639,183</b>	<b>42,402,699</b>	<b>41,547,393</b>	<b>43,747,979</b>	<b>2,200,587</b>	<b>5.30%</b>

**EXPENDITURES****SERVICES AND SUPPLIES**

51021 Communications Expense	103	0	0	0	0	N/A
51031 Waste Disposal Services	0	3,000	3,000	0	(3,000)	(100.00%)
51032 Janitorial Services	6,240	6,000	6,000	6,600	600	10.00%
51041 Insurance - Liability	10,946	0	0	11,000	11,000	N/A
51061 Maintenance - Equipment	2,006,930	1,159,000	1,159,000	1,065,000	(94,000)	(8.11%)
51071 Maintenance - Bldg & Improve	45	0	0	0	0	N/A
51072 Landscaping Services	0	0	0	0	0	N/A
51077 Maint-Infrastructure	0	0	0	0	0	N/A
51083 VSP Premiums	210	0	0	220	220	N/A
51205 Advertising/Marketing Svc	81	500	500	100	(400)	(80.00%)
51209 Information Tech Svc (non ISD)	83	1,500	1,500	1,500	0	0.00%
51211 Legal Services	14,112	12,000	12,000	11,500	(500)	(4.17%)
51212 Outside Counsel - Legal Advice	478	4,500	4,500	1,200	(3,300)	(73.33%)
51214 Agency Extra/Temp Help	0	1,000	1,000	0	(1,000)	(100.00%)
51226 Consulting Services	0	0	0	0	0	N/A
51230 Security Services	2,736	4,320	4,320	2,600	(1,720)	(39.81%)
51231 Testing/Analysis	103,744	135,000	135,000	125,000	(10,000)	(7.41%)
51241 Outside Printing and Binding	3,949	2,000	2,000	2,500	500	25.00%
51242 Bank Charges	50	50	50	50	0	0.00%
51244 Permits/License/Fees	62,769	60,000	60,000	65,000	5,000	8.33%
51249 Other Professional Services	0	0	0	0	0	N/A
51301 Publications and Legal Notices	0	0	0	0	0	N/A
51401 Rents and Leases - Equipment	659,065	400,000	400,000	425,000	25,000	6.25%
51421 Rents and Leases - Bldg/Land	1,549	1,500	1,500	1,600	100	6.67%
51601 Training Services	23,958	20,000	20,000	18,000	(2,000)	(10.00%)
51602 Business Travel/Mileage	16,115	10,000	10,000	10,000	0	0.00%
51605 Private Car Expense	944	1,500	1,500	1,100	(400)	(26.67%)
51801 Other Services	17,416	18,000	18,000	10,000	(8,000)	(44.44%)
51803 Other Contract Services	2,801,699	7,214,378	5,211,500	6,303,910	1,092,410	20.96%

## Section Title:

## Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
51902 Telecommunication Usage	65,477	90,000	90,000	85,000	(5,000)	(5.56%)
51911 Mail Services	11	300	300	150	(150)	(50.00%)
51917 District Operations Chgs	14,668,507	15,601,400	14,935,000	15,774,671	839,671	5.62%
51921 Equipment Usage Charges	956,356	950,000	950,000	950,000	0	0.00%
52021 Clothing, Uniforms, Personal	13,557	13,000	13,000	13,500	500	3.85%
52031 Food	669	700	700	700	0	0.00%
52041 Household Supplies Expense	295	0	0	300	300	N/A
52042 Janitorial Supplies	401	2,000	2,000	1,000	(1,000)	(50.00%)
52061 Fuel/Gas/Oil	5,639	60,000	9,000	7,100	(1,900)	(21.11%)
52071 Materials and Supplies Expense	17,540	3,000	3,000	6,000	3,000	100.00%
52072 Chemicals	860,878	700,000	700,000	900,000	200,000	28.57%
52081 Medical/Laboratory Supplies	13,607	25,000	25,000	20,000	(5,000)	(20.00%)
52091 Memberships/Certifications	34,394	42,000	42,000	40,000	(2,000)	(4.76%)
52101 Other Supplies	0	5,000	5,000	30,000	25,000	500.00%
52111 Office Supplies	20,630	12,000	12,000	12,500	500	4.17%
52114 Freight/Postage	1,038	0	0	1,000	1,000	N/A
52115 Books/Media/Subscriptions	491	1,500	1,500	500	(1,000)	(66.67%)
52117 Mail and Postage Supplies	1,449	3,000	3,000	1,500	(1,500)	(50.00%)
52141 Minor Equipment/Small Tools	150,723	176,000	176,000	155,000	(21,000)	(11.93%)
52142 Computer Equipment/Accessories	1,049	6,000	6,000	7,000	1,000	16.67%
52143 Computer Software/Licensing Fees	35,817	40,000	40,000	40,000	0	0.00%
52162 Special Department Expense	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
52191 Utilities	474	500	500	500	0	0.00%
52193 Utilities - Electric	2,136,365	3,400,000	3,400,000	3,500,000	100,000	2.94%
<b>SUBTOTAL</b>	<b>24,718,586</b>	<b>30,185,648</b>	<b>27,465,370</b>	<b>29,608,301</b>	<b>2,142,931</b>	<b>7.80%</b>
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53104 Other interest Expense	0	0	0	0	0	N/A
53401 Amortization Expense	3,433	54,000	54,000	54,000	0	0.00%
53402 Depreciation Expense	6,513,525	7,982,000	7,982,000	7,762,000	(220,000)	(2.76%)
53403 Loss - Disposed Capital Asset	20,105	0	0	0	0	N/A
53500 Contributions Non-County Agy	0	0	0	0	0	N/A
53501 Contributions	2,495	0	0	0	0	N/A
53610 Other Charges	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>6,539,557</b>	<b>8,036,000</b>	<b>8,036,000</b>	<b>7,816,000</b>	<b>(220,000)</b>	<b>(2.74%)</b>
<b>FIXED ASSETS</b>						
19820 Machinery and Equipment	0	0	0	0	0	N/A
19822 Mobile Equipment	0	0	0	0	0	N/A
19824 Computer Equipment	0	0	0	0	0	N/A
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	0	1,000,000	0	0	0	N/A
19840 Work in Progress - Eq	22,327	40,000	0	0	0	N/A
19841 Work in Progress - Intang	7,655	30,000	30,000	0	(30,000)	(100.00%)
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>29,982</b>	<b>1,070,000</b>	<b>30,000</b>	<b>0</b>	<b>(30,000)</b>	<b>(100.00%)</b>
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	12,839,066	14,590,069	13,192,899	13,190,658	(2,241)	(0.02%)

## Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	12,839,066	14,590,069	13,192,899	13,190,658	(2,241)	(0.02%)
<b>APPROP. FOR CONTINGENCIES</b>						
55011 Appropriation for Contingency	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>REMIBURSEMENTS</b>						
58010 Reimb. - General	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	0	0	0	0	0	N/A
59005 Admin Control Acct Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>44,127,191</b>	<b>53,881,717</b>	<b>48,724,269</b>	<b>50,614,959</b>	<b>1,890,690</b>	<b>3.88%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Depreciation	6,516,958	8,036,000		7,816,000		
Donated Asset (Caltrans)	0					
Outstanding Encumbrances - Net Change	1,296,579	0				
Capitalized Interest	0					
Gain/Loss on disposal of fixed assets	20,105					
Unrealized Gain/ Loss (GASB 31)	(225,024)					
Change in Prepaid Expense	(30,387)					
Change in Prudent Reserve						
Post audit adjustments - Payables	53,769					
Rounding						
<b>ENDING FUND BALANCE</b>	<b>10,923,302</b>	<b>7,480,284</b>		<b>8,429,304</b>		
<b>Operations and Maintenance 44205 Fund Balance Reserve Goal</b>				<b>7,402,075</b>		
<b>Over/(Under) Goal</b>				<b>1,027,229</b>		

**Water Transmission System Agency Fund**  
**Major Services & Supplies Expenditure Items**

Fund/Department No:

44205	33040100
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	Actual FY18-19	Adopted FY19-20	Requested FY20-21	Difference	Percent Change
<u>51061 Maintenance - Equipment</u> Equipment pre-purchased in FY19-20 to be installed in FY20-21. Funds directed to tank maintenance program.	2,006,930	1,159,000	1,065,000	(94,000)	-8.1%
<u>51211 Legal Services</u> Reflects level of expected expenditures.	14,112	12,000	11,500	(500)	-4.2%
<u>51231 Testing/Analysis</u> Expected to align with five year average.	103,744	135,000	125,000	(10,000)	-7.4%
<u>51803 Other Contract Services</u> Increase due to tank maintenance contract and work on regional water supply resiliency, water system risk and resiliency assessment, and water quality studies.	2,801,699	5,211,500	6,303,910	1,092,410	21.0%
<u>51917 District Operations Chgs</u> Increase attributable to inflation and an increase in labor for maintenance projects and regional water supply resiliency, water system risk and resiliency assessment, and water quality studies.	14,668,507	14,935,000	15,774,671	839,671	5.6%
<u>51921 Equipment Usage Charges</u> Reflects level of expected expenditures.	956,356	950,000	950,000	0	0.0%
<u>52072 Chemicals</u> Increase in chemical costs to maintain chlorine residual and contact time.	860,878	700,000	900,000	200,000	28.6%
<u>52141 Minor Equipment/Small Tools</u> Expected to decrease to align more closely with Fiscal Year 2018-2019 actuals.	150,723	176,000	155,000	(21,000)	-11.9%
<u>52193 Utilities - Electric</u> Increase attributable to inflation.	2,136,365	3,400,000	3,500,000	100,000	2.9%

**2020-21**

**Water Transmission System Agency Fund**

<b>51061</b>	<b>Maintenance - Equipment</b>	<b>AMOUNT</b>
1	Cathodic Protection Maintenance	100,000
2	Electrical Supplies and Maintenance Services	355,000
3	Foot bridge retaining wall at Indian Springs Rd.	30,000
4	Groundwater Monitoring Instruments	-
5	Hardware and Miscellaneous Supplies	60,000
6	Main line valve replacements (3)	150,000
7	Mirabel Fish Screens Maintenance	5,000
8	Occidental Well Rehab	-
9	Prop meter test station	60,000
10	Pump and Pipeline Supplies and Maintenance Services	60,000
11	Replace ATI analysers with Deploc at all collectors	50,000
12	Riverfront Park Maintenance - Regional Parks	140,000
13	Santa Rosa Plain Well Monitoring Program (SW Wells)	25,000
14	Sonoma AQ coupler at Madrone Rd	10,000
15	WT Monitoring Well Pressure Transducers	20,000
		<u>\$ 1,065,000</u>

<b>51803</b>	<b>Other Contract Services</b>	<b>AMOUNT</b>
1	Chlorine Systems Assessment for Mirabel and Wohler	100,000
2	Joint Emergency Training	225,000
3	LHMP Program Planning	10,000
4	Maximo Hosting	319,410
5	pH System Assessment and Update	167,000
6	SCADA Improvements	250,000
7	Sonoma Youth Ecology Corps	32,000
8	Tank Recoat - Forestville	50,000
9	Tank Maintenance	3,800,000
10	Water Transmission System Transient Analysis	180,000
11	Community Outreach Program	10,000
12	Integrated Water Management Plan	
13	Bay Area	5,500
14	North Coast	35,000
15	Legislative Advocacy - Federal	95,000
16	Legislative Advocacy - State	50,000
17	North Bay Water Regional Outreach Coordination	25,000
18	Goat Grazing Agreement	25,000
19	Groundwater Banking Feasibility - Pilot Studies	-
20	Regional Water Supply Resiliency Study	150,000
21	Water System Risk and Resiliency Assessment	250,000
22	Watershed and Riverbank Filtration Water Quality Studies	50,000
23	Watershed Water Quality Monitoring - USGS	175,000
24	Watershed Water Quality Study - LBNL	200,000
		<u>\$ 6,203,910</u>

**Regional Water Supply Resiliency Study**

Retail water providers to over 600,000 people in Sonoma and Marin Counties are regionally connected through existing water supply infrastructure. Along with purchasing wholesale water from the Sonoma County Water Agency, each retail provider also has local supplies which are used to meet the demands of their customers. Although these systems are connected, they are not operated or managed in a coordinated manner, especially in times of water shortage. Development of a decision support tool, such as a regional Water Evaluation and Planning System (WEAP) model, could be used to evaluate strategies and water supply projects that would make the region more resilient to future water shortages.

\$150,000

Funds expended in FY 19/20 will be used to develop a work plan in cooperation with the Water Agency's Water Contractors. Funds budgeted for FY 20/21 will be expended on building the model and running scenarios.

**Water System Risk and Resiliency Assessment**

To comply with federal legislation (AWIA of 2018), Sonoma Water must conduct a risk and resilience assessment (RRA) of its potable water system and provide a certification of completion to the U.S. EPA by March 31, 2020. The assessment is required to evaluate the vulnerabilities, threats and consequences from all potential hazards (natural and malevolent) to the water system. A subsequent review and update of the Emergency Response Plans (ERP) that addresses the findings of the RRA is required to be completed and certified with the U.S. EPA within 6 months of the RRA completion. Sonoma Water staff selected Carollo Engineers under an RFQ selection process as the engineering consultant to perform the RRA. Project kick-off meeting is scheduled for Jan 15, 2020. Sonoma Water staff have completed the task of document and data collection and provided to consultant. The two parts of the project--RRA and ERP--will be completed under separate agreements. Initial work has begun on preparing for the second agreement. Project tasks will focus on the components of the RRA over the next three months, which include evaluating critical infrastructure, cybersecurity, and work practices for vulnerability and resiliency. By April, the initial tasks of reviewing and updating the emergency response plans will commence and continue through the rest of the fiscal year. Project efforts will focus on the development of strategies and resources to improve system resilience, plans and procedures to be implemented under threat of hazard or lessen impact of hazard that occurs, and strategies to enhance threat detection. Completion of the ERP update will occur on or before September 30, 2020.

\$250,000

**Watershed Water Quality Monitoring - USGS and LBNL**

In collaboration with the USGS and Lawrence Berkeley National Laboratory (LBNL), Sonoma Water has developed a water quality monitoring program to support assessment of the potential impacts to its production facilities from the recent wildfires in Sonoma and Mendocino Counties. Collected water samples are analyzed for the following constituents: (1) dissolved organic carbon; (2) anions and cations; (3) trace metals (including lead, chromium, copper, arsenic and mercury); (4) nutrients; (5) anhydrous sugars; and (6) DNA. The analytical program is designed to assess the potential impacts related to runoff from areas containing ash, burned soil, burned debris and fire retardant. Sediment samples are also collected at each sampling site for analysis (carbon, nitrogen, mercury and DNA) to support ongoing research specific to the Sonoma Water's riverbank filtration facilities. During the dry season, Sonoma Water completed eight rounds of water quality sampling at 4-7 sites. Protocol that was instituted to monitor impacts from the 2017 and 2018 fires was revised to shift focus on potential impacts from the Kincadee Fire (Oct 2019). One additional sampling location was initiated on Macaama Creek. Conducted first post-storm event sampling in Dec 2019 at six sampling locations between Cloverdale and Wohler/Mirabel. Ash samples were collected for analysis and research use in column studies from Foothills Regional Park and the Modini Mayacamas Preserve owned by the Audobon Canyon Ranch. Continue established protocols with current sampling protocol at the six sites through the wet seasons and a dry season sampling protocol at four sites.

\$425,000

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Management Planning

Fund/Department No: 44210 33041000

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>573,620</b>	<b>633,917</b>		<b>218,425</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	13,942	7,945	7,945	7,735	(210)	(2.64%)
44050 Unrealized Gains and Losses	9,315	(6,000)	0	0	0	N/A
SUBTOTAL	23,257	1,945	7,945	7,735	(210)	(2.64%)
<b>INTERGOVERNMENTAL REVENUE</b>						
42619 Town of Windsor	2,955	2,772	2,772	2,226	(546)	(19.70%)
SUBTOTAL	2,955	2,772	2,772	2,226	(546)	(19.70%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	45,378	50,000	50,000	40,000	(10,000)	(20.00%)
47102 Transfers In - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	45,378	50,000	50,000	40,000	(10,000)	(20.00%)
<b>TOTAL REVENUES</b>	<b>71,591</b>	<b>54,717</b>	<b>60,717</b>	<b>49,961</b>	<b>(10,756)</b>	<b>(17.72%)</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51205 Advertising Marketing	0	0	0	0	0	N/A
51211 Legal Services	0	0	0	0	0	N/A
51212 Legal Services - External	0	0	0	0	0	N/A
51241 Outside Printing & Binding	0	0	0	0	0	N/A
51602 Business Travel/Mileage	0	0	0	0	0	N/A
51605 Private Car Expense	0	0	0	0	0	N/A
51803 Other Contract Services	4,927	82,209	0	125,000	125,000	N/A
51917 District Operations Chgs	1,198	50,000	50,000	50,000	0	0.00%
51921 Equipment Usage Charges	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
SUBTOTAL	6,125	132,209	50,000	175,000	125,000	250.00%
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	338,000	338,000	0	0	0.00%
57012 Transfers Out - btw Govtl Fur	0	0	0	0	0	N/A
SUBTOTAL	0	338,000	338,000	0	0	0.00%
<b>TOTAL EXPENDITURES</b>	<b>6,125</b>	<b>470,209</b>	<b>388,000</b>	<b>175,000</b>	<b>125,000</b>	<b>32.22%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Outstanding Encumbrances - Net Change	4,147	0		0		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(9,315)	0		0		
Rounding	(1)	0		0		
<b>ENDING FUND BALANCE</b>	<b>633,917</b>	<b>218,425</b>		<b>93,386</b>		

**FY 2020-21 BUDGET**  
**BEGINNING AND ENDING CASH SUMMARY**

Section Title: Watershed Planning/Restoration

Fund/Department No: 44215 33041100

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>6,531,041</b>	<b>9,055,666</b>		<b>5,734,899</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	221,139	68,100	68,100	66,300	(1,800)	(2.64%)
44050 Unrealized Gains and Losses	144,788	(95,000)	0	0	0	N/A
SUBTOTAL	365,927	(26,900)	68,100	66,300	(1,800)	(2.64%)
<b>INTERGOVERNMENTAL REVENUE</b>						
42461 Federal Other Funding	29,665	75,000	75,000	75,000	0	0.00%
42619 Town of Windsor	269,116	250,395	250,395	285,341	34,946	13.96%
SUBTOTAL	298,781	325,395	325,395	360,341	34,946	10.74%
<b>CHARGES FOR SERVICES</b>						
<b>45301</b> Charges for Services	22,767	0	0	0	0	N/A
45332 Watershed Plan/Restore Chg	42,637	60,000	40,000	40,000	0	0.00%
<i>Subtotal Charges for Service</i>	65,404	60,000	40,000	40,000	0	0.00%
<b>MISCELLANEOUS REVENUE</b>						
46021 Capital Grants - Federal	50,000	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	0	0	0	0	0	N/A
46050 Cancelled/Stale Dated Warrant	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenu	0	0	0	0	0	N/A
SUBTOTAL	50,000	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	4,129,977	4,516,770	4,516,770	5,128,067	611,297	13.53%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	4,129,977	4,516,770	4,516,770	5,128,067	611,297	13.53%
<b>TOTAL REVENUES</b>	<b>4,910,089</b>	<b>4,875,265</b>	<b>4,950,265</b>	<b>5,594,708</b>	<b>644,443</b>	<b>13.02%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51021 Communication Expense	0	0	0	0	0	N/A
51061 Maintenance - Equipment	2,311	70,000	0	0	0	N/A
51205 Advertising Marketing	250	10	0	0	0	N/A
51209 Information Tech Svc (non ISD)	147	0	0	0	0	N/A
51211 Legal Services	11,584	2,000	0	0	0	N/A
51212 Legal Services - External	1,906	200	0	0	0	N/A
51221 Medical/Laboratory Services	0	0	0	0	0	N/A
51226 Consulting Services	0	0	0	0	0	N/A
51231 Testing/Analysis	63,849	80,000	80,000	0	(80,000)	(100.00%)
51241 Outside Printing and Binding	1,607	0	0	0	0	N/A
51244 Permits/License/Fees	26,590	0	0	0	0	N/A
51401 Rents and Leases - Equipment	3,300	1,000	0	0	0	N/A
51601 Training/Conference	1,637	0	0	0	0	N/A
51602 Business Travel/Mileage	1,598	1,000	0	0	0	N/A
51605 Private Car Expense	875	1,000	0	0	0	N/A
51801 Other Services	0	0	0	0	0	N/A
51803 Other Contract Services	659,877	2,888,128	742,000	4,436,000	3,694,000	497.84%

Section Title:

Watershed Planning/Restoration

Fund/Department No:

44215      33041100

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
51902 Telecommunication Usage	616	300	0	0	0	N/A
51917 District Operations Chgs	1,662,555	2,938,451	2,468,000	2,146,067	(321,933)	(13.04%)
51921 Equipment Usage Charges	22,146	26,000	0	0	0	N/A
52021 Clothing, Uniforms, Personal	1,314	2,600	0	0	0	N/A
52031 Food	1,768	200	0	0	0	N/A
52042 Janitorial Supplies	0	0	0	0	0	N/A
52043 Safety Supplies/Equipment	0	0	0	0	0	N/A
52061 Fuel/Gas/Oil	52	0	0	0	0	N/A
52063 Vehicle Parts	0	0	0	0	0	N/A
52071 Materials and Supplies Expens	878	6,600	0	0	0	N/A
52081 Medical/Laboratory Supplies	985	0	0	0	0	N/A
52091 Memberships/Certifications	1,500	0	0	0	0	N/A
52101 Other Supplies	0	0	0	0	0	N/A
52111 Office Supplies	13	200	0	0	0	N/A
52114 Freight/Postage	0	800	0	0	0	N/A
52115 Books/Media	371	200	0	0	0	N/A
52117 Mail and Postage Supplies	558	60	0	0	0	N/A
52141 Minor Equipment/Small Tools	10,811	3,500	0	0	0	N/A
52142 Computer Equipment/Accessor	0	0	0	0	0	N/A
52143 Computer Software	0	0	0	0	0	N/A
52181 Business Meals/Supplies	0	0	0	0	0	N/A
52191 Utilities Expense	0	0	0	0	0	N/A
SUBTOTAL	2,479,097	6,022,249	3,290,000	6,582,067	3,292,067	100.06%
<b>OTHER CHARGES</b>						
53104 Other Interest Expense	0	0	0	0	0	N/A
53402 Depreciation Expense	11,933	8,000	8,000	16,000	8,000	100.00%
53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	11,933	8,000	8,000	16,000	8,000	1
<b>REIMBURSEMENTS</b>						
58010 Reimb. - General	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>FIXED ASSETS</b>						
19840 Acq-WIP-Equipment	56,154	0	0	0	0	N/A
19841 Acq-WIP-Intangibles	163,221	2,173,783	1,968,000	2,495,000	527,000	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	219,375	2,173,783	1,968,000	2,495,000	527,000	0
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>2,710,405</b>	<b>8,204,032</b>	<b>5,266,000</b>	<b>9,093,067</b>	<b>3,827,067</b>	<b>72.68%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Outstanding Encumbrances - Net Change	458,128	0				
Capital Interest	0	0				
Depreciation	11,933	8,000		16,000		
Change in prepaid expense	(333)	0				
Unrealized Gain/ Loss (GASB 31)	(144,788)	0				
Rounding	1	0				
<b>ENDING FUND BALANCE</b>	<b>9,055,666</b>	<b>5,734,899</b>		<b>2,252,540</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Recycled Water and Local Supply

Fund/Department No:

44220

33041200

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>610,386</b>	<b>407,407</b>		<b>342,639</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	23,355	17,025	17,025	16,575	(450)	(2.64%)
44050 Unrealized Gains and Losses	14,328	(7,700)	0	0	0	N/A
SUBTOTAL	37,684	9,325	17,025	16,575	(450)	(2.64%)
<b>INTERGOVERNMENTAL REVENUE</b>						
42358 State Other Funding	0	0	0	0	0	N/A
42619 Town of Windsor	8,629	7,207	7,207	2,281	(4,926)	(68.35%)
SUBTOTAL	8,629	7,207	7,207	2,281	(4,926)	(68.35%)
<b>CHARGES FOR SERVICES</b>						
45301 Charges for Services	0	0	0	0	0	N/A
45333 Recycled Water & Local Supply	925	0	0	0	0	N/A
45401 Revenue Appl PY Chgs for Svcs	0	0	0	0	0	N/A
SUBTOTAL	925	0	0	0	0	0
<b>MISCELLANEOUS REVENUE</b>						
46022 Capital Grants-State	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	132,403	468,013	468,013	41,000	(427,013)	(91.24%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	132,403	468,013	468,013	41,000	(427,013)	(91.24%)
<b>TOTAL REVENUES</b>	<b>179,640</b>	<b>484,545</b>	<b>492,245</b>	<b>59,856</b>	<b>(432,389)</b>	<b>(87.84%)</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51021 Communication Expense	0	0	0	0	0	N/A
51061 Maintenance - Equipment	0	0	0	0	0	N/A
51205 Advertising/Marketing Svc	0	0	0	0	0	N/A
51209 Information Tech Svc (non ISD)	0	0	0	0	0	N/A
51211 Legal Services	128	0	0	0	0	N/A
51212 Legal Services - External	0	0	0	0	0	N/A
51226 Consulting Services	0	0	0	0	0	N/A
51241 Outside Printing and Binding	0	0	0	0	0	N/A
51244 Permits/License/Fees	0	0	0	0	0	N/A
51401 Rents and Leases - Equipment	0	0	0	0	0	N/A
51601 Training Services	75	0	0	0	0	N/A
51602 Business Travel/Mileage	0	0	0	0	0	N/A
51803 Other Contract Services	217,668	60,000	0	0	0	N/A
51902 Telecommunication Usage	23	0	0	0	0	N/A
51915 ISD - Reprographics Services	0	0	0	0	0	N/A
51917 District Operations Chgs	4,324	25,000	0	15,000	15,000	N/A
51921 Equipment Usage Charges	124	0	0	0	0	N/A
52031 Food	0	0	0	0	0	N/A

## Section Title:

Recycled Water and Local Supply

## Fund/Department No:

44220

33041200

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
52061 Fuel/Gas	0	0	0	0	0	N/A
52101 Other Supplies	0	0	0	0	0	N/A
52115 Books/Media/Subscriptions	0	0	0	0	0	N/A
52117 Mail and Postage Supplies	0	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	0	0	0	0	0	N/A
52143 Computer Software/Licensing Fees	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
52191 Utilities Expense	0	0	0	0	0	N/A
SUBTOTAL	222,342	85,000	0	15,000	15,000	N/A
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53104 Other Interest Expense	0	0	0	0	0	N/A
53402 Depreciation Expense	5,966	6,000	6,000	6,000	0	0.00%
53501 Contributions	362,013	462,013	462,013	80,000	(382,013)	(82.68%)
SUBTOTAL	367,979	468,013	468,013	86,000	(382,013)	(81.62%)
<b>FIXED ASSETS</b>						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	0	2,300	0	0	0	N/A
19841 Work in Progress - Intang	0	0	0	0	0	N/A
SUBTOTAL	0	2,300	0	0	0	N/A
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>590,321</b>	<b>555,313</b>	<b>468,013</b>	<b>101,000</b>	<b>(367,013)</b>	<b>(78.42%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Outstanding Encumbrances - Net Change	191,187	0				
Change in Windsor Reserve	24,877	0				
Capital Interest	0	0		0		
Depreciation	5,966	6,000		6,000		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(14,328)	0		0		
Rounding	(1)	0				
<b>ENDING FUND BALANCE</b>	<b>407,407</b>	<b>342,639</b>		<b>307,496</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Conservation

Fund/Department No: 44225 33041300

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>877,908</b>	<b>1,319,001</b>		<b>1,141,969</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	35,238	17,025	17,025	16,575	(450)	(2.64%)
44050 Unrealized Gains and Losses	20,201	0	0	0	0	N/A
SUBTOTAL	55,439	17,025	17,025	16,575	(450)	(2.64%)
<b>INTERGOVERNMENTAL REVENUE</b>						
42358 State Other Funding	41,342	292,045	185,250	283,148	97,898	52.85%
42461 Federal Other Funding	0	0	0	0	0	N/A
42610 Other Governmental Agencies	0	0	0	0	0	N/A
42611 City of Santa Rosa	0	0	0	0	0	N/A
42612 City of Petaluma	0	0	0	0	0	N/A
42613 City of Rohnert Park	0	0	0	0	0	N/A
42615 City of Cotati	0	0	0	0	0	N/A
42618 City of Sonoma	0	0	0	0	0	N/A
42619 Town of Windsor	133,450	114,156	114,156	104,105	(10,050)	(8.80%)
42621 North Marin Water District	0	0	0	0	0	N/A
SUBTOTAL	174,792	406,201	299,406	387,253	87,848	29.34%
<b>Charges for Services</b>						
45301 Charges for Services	50,893	40,000	0	15,000	15,000	N/A
45316 Water Conservation	6,548	25,000	0	0	0	N/A
SUBTOTAL	57,440	65,000	0	15,000	15,000	N/A
<b>OTHER FINANCING SOURCES</b>						
46021 Capital Gains - Federal	0	0	0	0	0	N/A
46022 Capital Grants - State	0	0	0	0	0	N/A
46029 Donations/Contributions	0	117,500	117,500	90,000	(27,500)	(23.40%)
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	1	0	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	0	38	0	0	0	N/A
46204 PY Intergovmntl Rev - Other	0	0	0	0	0	N/A
46215 Other Grants	0	0	0	0	0	N/A
SUBTOTAL	1	117,538	117,500	90,000	(27,500)	(23.40%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	2,048,011	2,059,207	2,059,207	1,870,952	(188,255)	(9.14%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	2,048,011	2,059,207	2,059,207	1,870,952	(188,255)	(9.14%)
<b>TOTAL REVENUES</b>	<b>2,335,684</b>	<b>2,664,971</b>	<b>2,493,138</b>	<b>2,379,780</b>	<b>(113,357)</b>	<b>(4.55%)</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51021 Communication Expense	0	0	0	0	0	N/A
51032 Janitorial Services	0	0	0	0	0	N/A
51061 Maintenance - Equipment	5,941	800	0	0	0	N/A
51205 Advertising/Marketing Svc	77,494	30,000	0	0	0	N/A
51209 Information Tech Svc (non ISD)	154	100	0	0	0	N/A

## Section Title:

## Water Conservation

Fund/Department No:

44225

33041300

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
51211 Legal Services	4,096	3,300	0	0	0	N/A
51214 Agency Extra/Temp Help	0	0	0	0	0	N/A
51225 Training Services	0	0	0	0	0	N/A
51230 Security Services	0	0	0	0	0	N/A
51241 Outside Printing and Binding	28,423	60,000	60,000	60,000	0	0.00%
51244 Permits/License	0	0	0	0	0	N/A
51249 Other Professional Services	0	0	0	0	0	N/A
51250 Planning/Mapping/Inspections	0	0	0	0	0	N/A
51301 Publications and Legal Notices	0	0	0	0	0	N/A
51401 Rents and Leases - Equipment	5,393	200	0	0	0	N/A
51601 Training Services	3,453	6,200	0	0	0	N/A
51602 Business Travel/Mileage	7,121	13,000	13,000	13,000	0	0.00%
51605 Private Car Expense	2,806	1,000	0	0	0	N/A
51801 Other Services	0	0	0	0	0	N/A
51803 Other Contract Services	288,496	169,800	169,800	334,100	164,300	96.76%
51902 Telecommunication Usage	29	0	0	0	0	N/A
51915 ISD Reprographics Services	0	0	0	0	0	N/A
51917 District Operations Chgs	1,443,271	1,503,907	1,503,907	1,560,000	56,093	3.73%
51921 Equipment Usage Charges	23,487	8,000	0	0	0	N/A
52021 Clothing, Uniforms	996	0	0	0	0	N/A
52031 Food	2,034	800	0	0	0	N/A
52042 Janitorial Supplies	0	0	0	0	0	N/A
52061 Fuel/Gas/Oil	0	0	0	0	0	N/A
52071 Materials and Supplies Expense	47,023	75,000	75,000	75,000	0	0.00%
52091 Memberships/Certifications	6,202	12,000	12,000	12,000	0	0.00%
52101 Other Supplies	0	0	0	0	0	N/A
52111 Office Supplies	1,389	2,400	0	0	0	N/A
52112 Office Furniture/Fixtures	0	0	0	0	0	N/A
52114 Freight/Postage	0	0	0	0	0	N/A
52115 Books/Media/Subscriptions	302	80	0	0	0	N/A
52117 Mail and Postage Supplies	156	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	7,473	2,000	0	0	0	N/A
52142 Computer Equipment/Accessories	0	0	0	0	0	N/A
52162 Special Department Expense	0	0	0	0	0	N/A
52171 Water Conservation Program	44,342	846,970	528,250	470,000	(58,250)	(11.03%)
52181 Business Meals/Supplies	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>2,000,080</b>	<b>2,735,557</b>	<b>2,361,957</b>	<b>2,524,100</b>	<b>162,143</b>	<b>6.86%</b>
<b>OTHER CHARGES</b>						
53500 Contributions Non-County Agy	0	0	0	0	0	N/A
53501 Contributions	1,693	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>1,693</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>
<b>TOTAL EXPENDITURES</b>	<b>2,001,773</b>	<b>2,735,557</b>	<b>2,361,957</b>	<b>2,524,100</b>	<b>162,143</b>	<b>6.86%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Outstanding Encumbrances - Net Change	111,617	0		0		
Change in Windsor Reserve	15,878	(106,446)		0		
Change in Prepaid Expense	(110)	0		0		
Unrealized Gain/ Loss (GASB 31)	(20,201)	0		0		
Rounding	(2)			0		
<b>ENDING FUND BALANCE</b>	<b>1,319,001</b>	<b>1,141,969</b>		<b>997,649</b>		

## Water Transmission Budget

2020-21

### Itemized Detail for Subfunds Consulting/Contractual Services

Budget  
FY20-21

#### Water Management Planning

Water Demand Analysis/ Financial Modeling: Develop scope, cost, energy requests, and schedule of transmission system projects required to meet Sonoma Water's portion of UWMP-identified projected demands through the Urban Water Management planning horizon. Projects will be identified using Sonoma Water's transmission system hydraulic model. Next UWMP due July 1, 2021.	\$ 125,000
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#### Watershed Planning/Restoration

<u>RRIFR Decision 1610 Change Petition:</u> Russian River Flows: Assist in preparation of draft and final Environmental Impact Report for Fish Habitat Flows and Water Rights Project in preparation for Board of Directors consideration for certification. Consultant services for responses to comments on the Draft EIR, preparation of recirculated Draft EIR, and any additional impact analysis, flow modeling, hydroelectric analysis, water quality monitoring, climate change modeling (USGS), EIR, and hydrologic index evaluation needed. Work is occurring internally on the Environmental Impact Report for the Fish Habitat Flows and Water Rights Project. The EIR is being prepared by Water Agency staff, with assistance from consultants on some areas of analysis. A draft EIR was released on August 19, 2016. In FY20/21, most of the work will focus on preparing the recirculated Draft EIR and, reviewing public comments. Work also includes submission of annual Temporary Urgency Change (TUC) Petition to the State Board to approve the requested changes to minimum in-stream flows as identified in the Biological Opinion and fisheries and water quality monitoring and reporting required by the State Board TUC Order. Compared to FY18-19, the Decision 1610 Change Petition budget has decreased approximately \$500,000. The decrease is attributable to the level of effort to prepare the recirculated Draft EIR. Work anticipated for FY20-21 includes work on the recirculated draft EIR, preparation of the final EIR, and presentation to the Board of Directors to certify, as well as monitoring and reporting related to the annual TUC.	\$ 132,000
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<u>RRIFR Estuary Management:</u> Required Annual Biological Opinion Activities: The Water Agency, in consultation with NMFS, California Department of Fish & Wildlife (CDFW) and the U.S. Army Corps of Engineers (Corps), is required to annually prepare a lagoon outlet adaptive management plan by April 1; conduct and record monthly surveys of the beach topography and the outlet channel; use a time lapse video camera to record the interaction of waves, tides and the river mouth; conduct baseline monitoring of seals and other pinnipeds, conduct estuary water quality monitoring, conduct extensive surveys of estuary invertebrates; conduct juvenile steelhead and coho salmon rearing surveys, and prepare annual reports. Other FY20/21 activities include installation and monitoring of downstream migrant salmonid traps and water quality monitoring stations, and flood risk feasibility studies. Compared to FY18-19, the Estuary Management budget has decreased approximately \$260,000 due to completion of stipulated judgment requirements from the Estuary EIR litigation, removal of groundwater wells used for the jetty study, and reductions in contract services. Work anticipated for FY20-21 includes preparation of the annual adaptive management plan and continuation of required monitoring and studies.	\$ 240,000
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<u>Upper Russian River Water Quality Monitoring:</u> This is new water quality monitoring in FY19-20 for the Upper Russian River, including the East Fork Russian River above Lake Mendocino and Lake Mendocino to contribute to planning and modeling efforts for the Potter Valley Project (PVP), Lake Mendocino management, Fish Habitat Flows and Water Rights Project, and the Forecast Informed Reservoir Operations (FIRO) projects. Monitoring will include the deployment of datasondes and collection of grab samples, as well as laboratory analysis. Work anticipated for FY20-21 includes the efforts described above.	\$ 66,000
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<u>Winter Russian River Algae /WQ Monitoring:</u> This is new water quality monitoring in FY19-20 for over winter water quality and algae monitoring on the mainstem Russian River to collect data on conditions during changes in watershed hydrology. Monitoring will include deployment of datasondes, collection of grab samples, sampling of algae, as well as laboratory analysis. Work anticipated for FY20-21 includes the efforts described above.	\$ 14,000
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2/19/2020

## Water Transmission Budget

2020-21

### Itemized Detail for Subfunds Consulting/Contractual Services

	Budget FY20-21
<p><u>Climate Change Modeling</u>: The California-Nevada Climate Applications Program (CNAP) of the Scripps Institute of Oceanography will complete climate downscaling of global climate model simulations for the Russian River Watershed. Results of these downscaled climate change projections will be evaluated with the Russian River Precipitation Runoff Modeling System (PRMS) developed by the USGS to simulate projected changes in hydrology. These hydrologic datasets can be used to assess the potential impacts of climate change to the water supply reliability of the Russian River System. The efforts of this project will build off previous work that Sonoma Water has collaborated on with the USGS since 2009 which has been used to support a number of critical projects including the Fish Flow EIR, and urban water management plans.</p>	\$ 50,000
	\$ 502,000
<b><u>Recycled Water and Local Supply</u></b>	
Funding for Groundwater Management in FY 20/21 for Groundwater Sustainability activities.	\$ 80,000
	\$ 80,000
<b><u>Water Conservation</u></b>	
<b><u>51241-Outside Printing and Binding</u></b>	
WUE Program materials, water education calendar, and Green Business Program brochures, Garden Sense materials, Russian River Friendly Workshop	\$ 60,000
<b><u>51602-Business Travel/Mileage</u></b>	
Attend local and statewide meetings representing the Partnership and Sonoma Water	\$ 13,000
<b><u>51803-Other Contract Services</u></b>	
Community Resilience Challenge: Event provides training and local workshops to promote water use efficiency	\$ 7,000
Garden Sense Contract: Funding provides onsite visits by local master gardeners to support local turf removal programs	\$ 20,000
Green Business Program: Funding to staff a part time position which provides water assessments for local businesses pursuing the Green Business Certification	\$ 30,000
Online Educational Content: Development of online educational content	\$ 25,000
Plant Labeling Program: Funding for nursery liaison to ensure locally appropriate plants are labeled	\$ 17,000
QWEL: Local instructors to teach QWEL trainings and Database maintenance contract	\$ 52,000
Sonoma County Fair: Materials and hardware that are WUE focused for distribution at the Sonoma County fair	\$ 15,000
Sonoma Marin Saving Water Partnership Website: Website hosting and maintenance	\$ 4,000
Water Education Bus Contract to shuttle kids from school to field study sites	\$ 41,800
Water Loss Programs: Technical assistance for regional water loss meetings and supply meter assessment and testing plan, Prop 1 grant for leakage component analysis.	\$ 122,300
	\$ 334,100

2/19/2020

## Water Transmission Budget

2020-21

### Itemized Detail for Subfunds Consulting/Contractual Services

Budget  
FY20-21

#### **51917-District Operations Chgs**

Salaries, benefits and overhead costs for staff assigned to projects budgeted within the Water Conservation Fund.	\$ 1,560,000
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#### **52071-Materials and Supplies Expense**

Water Ed Teaching Materials: pH strips, fabric for displays, youth outreach displays, pencil sharpeners, pencils, classroom testing kits, maps, workbooks, rulers, toothbrushes, stickers, etc.	\$ 75,000
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#### **52091-Memberships/Certifications**

Irrigation Association Certificate Renewals, Water Education Foundation, and California Water Efficiency Partnership, Alliance for Water Efficiency, etc.	\$ 12,000
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#### **52171-Water Conservation Program**

Outdoor Water Use Focused Programs: Qualified Water Efficient Landscaper Training in English and Spanish, Garden Sense funding provides onsite visits by local master gardeners to support local turf removal programs, Community Resilience Challenge event provides training and local workshops to promote water use efficiency; Plant labeling Program, Russian River Friendly Workshops, etc.	\$ 31,000
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Public Information/Outreach Programs: Media campaign for the Sonoma-Marín Saving Water Partnership including media ad buy, ad development, DIY toolkits	\$ 163,000
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Rainwater Harvesting Rebates: Prop 1 grant for rebate program for installation of rainwater harvesting cisterns.	\$ 31,000
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Saving Water Partnership Wholesaler Support: Act as the regional liaison attend meetings of the CalWEP Board, Alliance for Water Efficiency, Independent Technical Panel, Urban Advisory Group, CA Science Teachers Association, environmental education conference, Fire Rebuild	\$ 35,000
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School Education Program: Such as assembly program, port-a-potties, steelhead in the classroom program, youth outreach events, teacher program, English as a second language program, educational workbooks, maps	\$ 70,000
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Seminars, Workshops, Training: Host trainings/ workshops to benefit the Partnership, such as Water Loss, WELO; Participation in national/ statewide studies such as Turf Transformation Study	\$ 30,000
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Smart Controller Program: The smart controller program is a new incentive program through the Sonoma-Marín Saving Water Partnership. The program will offer smart controllers to customers of participating agencies at a reduced price. Funding for the program will come directly from members of the Partnership (contractors) that offer the program to their customers. Sonoma Water is coordinating the program and will receive invoices from the vendor. In turn, Sonoma Water will invoice the agencies using the program. As such, the majority of the costs incurred through the program will be offset by revenue received from participating contractors.	\$ 110,000
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	\$ 470,000
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Total	\$ 2,524,100
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**FY 2020-21 BUDGET**  
**BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Santa Rosa Aqueduct Capital Fund

Fund/Department No:

44230

33045000

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>7,165,271</b>	<b>7,304,567</b>		<b>6,908,157</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	149,793	56,750	56,750	55,250	(1,500)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Los	101,656	(65,000)	0	0	0	N/A
SUBTOTAL	251,449	(8,250)	56,750	55,250	(1,500)	(2.64%)
<b>MISCELLANEOUS REVENUES</b>						
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46021 Capital Grants - Federal	136,828	0	0	2,400,000	2,400,000	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
	0	0	0	0		
SUBTOTAL	136,828	0	0	2,400,000	2,400,000	N/A
<b>ADMINISTRATIVE CONTROL ACCOUNT</b>						
49002 Advances	0	0	0	0	0	N/A
49003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a F	516,915	561,741	561,741	546,474	(15,266)	(2.72%)
47102 Transfers In - btw Govtl	0	0	0	0	0	N/A
SUBTOTAL	516,915	561,741	561,741	546,474	(15,266)	(2.72%)
<b>SPECIAL ITEMS</b>						
48004 Residual Equity Transfe	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL REVENUES</b>	<b>905,193</b>	<b>553,491</b>	<b>618,491</b>	<b>3,001,724</b>	<b>2,383,234</b>	<b>385.33%</b>

**EXPENDITURES**

**OTHER CHARGES**

53103 Interest on LT Debt	0	0	0	0		
53104 Other Interest Expense	0	0	0	0		
53105 Costs of Issuance	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A

**FIXED ASSETS**

19820 Machinery and Equipme	0	0	0	0		
19822 Mobile Equipment	0	0	0	0		
19824 Computer Equipment	0	0	0	0		
19831 CIP - Bldg & Impr	0	0	0	0		
19832 CIP - Infrastructure	358,633	949,900	0	9,544,565	9,544,565	N/A
19840 Work in Progress - Eq	0	0	0	0		

Section Title:  
Fund/Department No:

<b>Santa Rosa Aqueduct Capital Fund</b>	
<b>44230</b>	<b>33045000</b>

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
19841 Work in Progress - Intar	0	0	0	0		
19851 Intangible Assets - Non-	0	0	0	0		
SUBTOTAL	358,633	949,900	0	9,544,565	9,544,565	N/A
<b><u>OTHER FINANCING USES</u></b>						
57011 Transfers Out - within a	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>358,633</b>	<b>949,900</b>	<b>0</b>	<b>9,544,565</b>	<b>9,544,565</b>	<b>N/A</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Repayment of Loan to Storage	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(305,608)	0		0		
Capitalized Interest	(101,656)	0		0		
Rounding	0	0		0		
<b>ENDING FUND BALANCE</b>	<b>7,304,567</b>	<b>6,908,157</b>		<b>365,316</b>		

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**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

<b>Section Title:</b>	<b>Petaluma Aqueduct Capital Fund</b>	
<b>Fund/Department No:</b>	<b>44235</b>	<b>33045100</b>

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>8,031,065</b>	<b>8,404,890</b>		<b>6,223,111</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	167,083	56,750	56,750	55,250	(1,500)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	114,278	(70,000)	0	0	0	N/A
SUBTOTAL	281,361	(13,250)	56,750	55,250	(1,500)	(2.64%)
<b>ADMINISTRATIVE CONTROL ACCOUNT</b>						
49002 Advances	0	0	0	0	0	N/A
49003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	276,405	328,090	328,090	332,486	4,396	1.34%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	276,405	328,090	328,090	332,486	4,396	1.34%
<b>TOTAL REVENUES</b>	<b>557,766</b>	<b>314,840</b>	<b>384,840</b>	<b>387,736</b>	<b>2,896</b>	<b>0.75%</b>
<b>EXPENDITURES</b>						
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0		
53104 Other Interest Expense	0	0	0	0		
53105 Costs of Issuance	0	0	0	0		
53403 Loss - Disposed Capital Asset	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A
<b>FIXED ASSETS</b>						
19820 Machinery and Equipment	0	0	0	0		
19822 Mobile Equipment	0	0	0	0		
19824 Computer Equipment	0	0	0	0		
19831 CIP - Bldg & Impr	0	0	0	0		
19832 CIP - Infrastructure	69,663	2,496,619	1,866,000	64,845	(1,801,155)	(96.52%)
19840 Work in Progress - Eq	0	0	0	0	0	N/A
19841 Work in Progress - Intang	0	0	0	0	0	N/A
19851 Intangible Assets - Non-amort	0	0	0	0		
SUBTOTAL	69,663	2,496,619	1,866,000	64,845	(1,801,155)	(96.52%)

**Section Title:**

**Petaluma Aqueduct Capital Fund**

**Fund/Department No:**

**44235**

**33045100**

<b>Account Title</b>	<b>Actual 2018-2019</b>	<b>Estimated 2019-2020</b>	<b>Adopted 2019-2020</b>	<b>Requested 2020-21</b>	<b>Difference</b>	<b>Percent Change</b>
<b><u>SPECIAL ITEMS</u></b>						
56030 Residual Equity Transfers	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b><u>OTHER FINANCING USES</u></b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>69,663</b>	<b>2,496,619</b>	<b>1,866,000</b>	<b>64,845</b>	<b>(1,801,155)</b>	<b>(96.52%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Advance to Common	0	0		0		
Increase/(Decrease) in Loan Payable	0	0		0		
Capitalized Interest	0	0		0		
Loss on Fixed Asset	0	0		0		
Principal Received on Loan	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(114,278)	0		0		
<b>ENDING FUND BALANCE</b>	<b>8,404,890</b>	<b>6,223,111</b>	<b>6,546,001</b>			

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**FY 2020-21 BUDGET**  
**BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Capital Fund

Fund/Department No:

44240

33045200

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>1,134,546</b>	<b>1,535,363</b>		<b>32,302</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	27,770	20,000	2,270	2,210	(60)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	18,197	(10,000)	0	0	0	N/A
SUBTOTAL	45,967	10,000	2,270	2,210	(60)	(2.64%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	562,849	3,100,262	100,262	622,845	522,583	521.22%
47102 Transfers In - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	562,849	3,100,262	100,262	622,845	522,583	521.22%
<b>SPECIAL ITEMS</b>						
48004 Residual Equity Transfers	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL REVENUES</b>	<b>608,896</b>	<b>3,110,262</b>	<b>102,532</b>	<b>625,055</b>	<b>522,523</b>	<b>509.62%</b>
<b>EXPENDITURES</b>						
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0		
53104 Other Interest Expense	0	0	0	0		
53105 Costs of Issuance	0	0	0	0		
53403 Loss-Disposed Capital Asset	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A
<b>FIXED ASSETS</b>						
19820 Machinery and Equipment	0	0	0	0		
19822 Mobile Equipment	0	0	0	0		
19824 Computer Equipment	0	0	0	0		
19831 CIP - Bldg & Impr	0	483,323	0	0		
19832 CIP - Infrastructure	477,984	4,130,000	4,130,000	627,000	(3,503,000)	(84.82%)
19840 Work in Progress - Eq	0	0	0	0		
19841 Work in Progress - Intang	0	0	0	0		
19851 Intangible Assets - Non-amor	0	0	0	0		
SUBTOTAL	477,984	4,613,323	4,130,000	627,000	(3,503,000)	(84.82%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>477,984</b>	<b>4,613,323</b>	<b>4,130,000</b>	<b>627,000</b>	<b>(3,503,000)</b>	<b>(84.82%)</b>

Section Title:

Sonoma Aqueduct Capital Fund

Fund/Department No:

44240

33045200

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>Adjustments to Reserves/Encumbrances:</b>						
Outstanding Encumbrances - Net Change	288,102	0		0		
Sale or Purchase of Fixed Asset	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(18,197)	0		0		
Rounding	1					
<b>ENDING FUND BALANCE</b>	<b>1,535,363</b>	<b>32,302</b>		<b>30,357</b>		

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**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Storage Facilities

Fund/Department No: 44250 33043000

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>20,239</b>	<b>406,047</b>		<b>8,042</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	(873)	5,000	0	0	0	N/A
44050 Unrealized Gains & Losses	(1,209)	1,100	(2,000)	0	2,000	(100.00%)
SUBTOTAL	(2,083)	6,100	(2,000)	0	2,000	(100.00%)
<b>MISCELLANEOUS REVENUE</b>						
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46022 Capital Grants - State	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	18	0	0	0	0	N/A
46200 PY Revenue - Miscellaneous	0	0	0	0	0	N/A
SUBTOTAL	18	0	0	0	0	N/A
<b>Administrative Control</b>						
49002 Advances	0	0	0	0	0	N/A
49003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	640,000	475,000	75,000	150,000	75,000	100.00%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	640,000	475,000	75,000	150,000	75,000	100.00%
<b>TOTAL REVENUES</b>	<b>637,935</b>	<b>481,100</b>	<b>73,000</b>	<b>150,000</b>	<b>77,000</b>	<b>105.48%</b>
<b>EXPENDITURES</b>						
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53104 Other Interest Expense	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>FIXED ASSETS</b>						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	145,155	878,605	0	100,000	100,000	N/A
19841 Acq-WIP-Intangibles	28,912	500	0	50,000	50,000	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	174,067	879,105	0	150,000	150,000	N/A

## Section Title:

Storage Facilities

Fund/Department No:

44250

33043000

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>ADMINISTRATIVE CONTROL ACCOUNT</b>						
59002 Advances	0	0	0	0	0	N/A
59003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>174,067</b>	<b>879,105</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>N/A</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Repayment of Loan from SR Aqueduct Ca	0	0		0		
Princ. Pymnt on loan from SR Aqueduct C:	0	0		0		
Advances	0	0		0		
Outstanding Encumbrances - Net Change	(79,270)	0		0		
PY CIP adjustment - reclass to PY Exp	0	0		0		
B & I Tsfrs	0	0		0		
LTD Proceeds	0	0		0		
Capitalized Interest	0	0		0		
Move Project CIP Balance	0	0		0		
Unrealized Gain/ Loss (GASB 31)	1,209	0		0		
PY Encumbrances	0	0		0		
Rounding	1					
<b>ENDING FUND BALANCE</b>	<b>406,047</b>	<b>8,042</b>		<b>8,042</b>		

**FY 2020-21 BUDGET**  
**BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities  
Fund/Department No: 44260 33043200

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>2,680,583</b>	<b>1,519,355</b>		<b>2,030,412</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	45,847	22,700	22,700	22,100	(600)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	16,377	(13,000)	0	0	0	N/A
SUBTOTAL	62,224	9,700	22,700	22,100	(600)	(2.64%)
<b>CHARGES FOR SERVICES</b>						
45062 Construct/Bldg Permit Rvw Svc	60	0	0	0	0	N/A
SUBTOTAL	60	0	0	0	0	N/A
<b>MIECELLANEOUS REVENUES</b>						
46021 Capital Grants - Federal	0	5,759,578	5,759,578	0	(5,759,578)	(100.00%)
46022 Capital Grants - State	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenu	0	1,500	0	0	0	N/A
SUBTOTAL	0	5,761,078	5,759,578	0	(5,759,578)	(100.00%)
<b>ADMINISTRATIVE CONTROL</b>						
49002 Advances	0	0	0	0	0	N/A
49003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	1,500,000	13,786,177	4,526,170	561,701	(3,964,469)	(87.59%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,500,000	13,786,177	4,526,170	561,701	(3,964,469)	(87.59%)
<b>TOTAL REVENUES</b>	<b>1,562,284</b>	<b>19,556,955</b>	<b>10,308,448</b>	<b>583,801</b>	<b>(9,724,647)</b>	<b>(94.34%)</b>

**EXPENDITURES**

<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53104 Other Interest Expense	0	0	0	0	0	N/A
53403 Loss - Disposed Capital Asset	638,613	0	0	0	0	N/A
SUBTOTAL	638,613	0	0	0	0	N/A
<b>FIXED ASSETS</b>						
19810 Land	0	0	0	0	0	N/A
19812 Acq-CIP-Land	0	0	0	0	0	N/A
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	2,066,642	18,028,898	4,975,000	1,961,401	(3,013,599)	(60.57%)
19840 Acq-WIP-Equipment	0	0	0	0	0	N/A
19841 Work in Progress - Intang	0	625,000	0	250,000	250,000	N/A

**Section Title:**

**Common Facilities**

**Fund/Department No:**

**44260**

**33043200**

<b>Account Title</b>	<b>Actual 2018-2019</b>	<b>Estimated 2019-2020</b>	<b>Adopted 2019-2020</b>	<b>Requested 2020-21</b>	<b>Difference</b>	<b>Percent Change</b>
19851 Intangible Assets - Non-amort	0	392,000	0	0	0	N/A
<b>SUBTOTAL</b>	<b>2,066,642</b>	<b>19,045,898</b>	<b>4,975,000</b>	<b>2,211,401</b>	<b>(2,763,599)</b>	<b>(55.55%)</b>
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>
<b>ADMINISTRATIVE CONTROL ACCOUNT</b>						
59002 Advances	0	0	0	0	0	N/A
59003 Advances Clearing	0	0	0	0	0	N/A
<b>SUBTOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>
<b>TOTAL EXPENDITURES</b>	<b>2,705,254</b>	<b>19,045,898</b>	<b>4,975,000</b>	<b>2,211,401</b>	<b>(2,763,599)</b>	<b>(55.55%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Loan from Petaluma Aqueduct Capital Func	0	0		0		
Principal payment on Loan from Petaluma / Advances	0	0		0		
Outstanding Encumbrances - Net Change	(771,662)	0		0		
Capitalized Interest	0	0		0		
Gain/loss on disposal of Capital Assets	638,613	0		0		
Proceeds from State Loan & Other LT Debt	0	0		0		
PY CIP adjustment - reclass to PY Exp (los: B & I Tsfr to ISF (Facilities) Fund	0	0		0		
Auditor Adj - Reversal of Duplicate Pymt	0	0		0		
Sale or Purchase of Fixed Asset	0	0		0		
Change in Deposit w/Others	0	0		0		
Move Project CIP Balance	0	0		0		
Change in Contingent Liability	0	0		0		
Post Audit Adjustment - Payables	131,169	0		0		
Unrealized Gain/ Loss (GASB 31)	(16,377)	0		0		
Rounding	(1)	0		0		
<b>ENDING FUND BALANCE</b>	<b>1,519,355</b>	<b>2,030,412</b>		<b>402,812</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

North Marin Water Deposit

Fund/Department No:

44300

33045300

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>13,578</b>	<b>13,946</b>		<b>16,934</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	368	381	381	371	(10)	(2.64%)
44050 Unrealized Gains and Losses	252	(200)	0	0	0	N/A
SUBTOTAL	620	181	381	371	(10)	(2.64%)
<b>Intergovernmental Revenue</b>						
42610 Other Governmental Agencie	0	1,108,983	0	0	0	N/A
SUBTOTAL	0	1,108,983	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL REVENUES</b>	<b>620</b>	<b>1,109,164</b>	<b>381</b>	<b>371</b>	<b>(10)</b>	<b>(2.64%)</b>
<b>EXPENDITURES</b>						
<b>OTHER CHARGES</b>						
53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	1,106,177	462,570	0	(462,570)	(100.00%)
SUBTOTAL	0	1,106,177	462,570	0	(462,570)	(100.00%)
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>1,106,177</b>	<b>462,570</b>	<b>0</b>	<b>(462,570)</b>	<b>(100.00%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Unrealized Gain/ Loss (GASB 31)	(252)	0				
Rounding		(0)				
<b>ENDING FUND BALANCE</b>	<b>13,946</b>	<b>16,934</b>		<b>17,305</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Debt Service Fund

Fund/Department No: 44265 33047000

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$137,381</b>	<b>\$286,519</b>		<b>\$153,863</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	15,428	15,890	15,890	15,470	(420)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	14,451	(9,300)	0	0	0	N/A
SUBTOTAL	29,880	6,590	15,890	15,470	(420)	(2.64%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	1,196,268	1,196,268	1,196,268	1,196,267	(1)	(0.00%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,196,268	1,196,268	1,196,268	1,196,267	(1)	(0.00%)
<b>TOTAL REVENUES</b>	<b>1,226,148</b>	<b>1,202,858</b>	<b>1,212,158</b>	<b>1,211,737</b>	<b>(421)</b>	<b>(0.03%)</b>
<b>EXPENDITURES</b>						
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	246,501	224,175	224,175	201,220	(22,955)	(10.24%)
SUBTOTAL	246,501	224,175	224,175	201,220	(22,955)	(10.24%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	250,000	150,000	150,000	0	0.00%
SUBTOTAL	0	250,000	150,000	150,000	0	0.00%
<b>ADMIN. CONTROL ACCOUNT</b>						
59002 Advances	793,730	816,058	816,058	839,012	22,954	2.81%
59003 Advances Clearing	(793,730)	(816,058)	(816,058)	(839,012)	(22,954)	2.81%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>246,501</b>	<b>474,175</b>	<b>374,175</b>	<b>351,220</b>	<b>(22,955)</b>	<b>(6.13%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Principal payments on loan	(816,058)	0				
(Increase) / Decrease in Principal Payable	0	(839,012)		(839,012)		
Advances from Other Govt	(14,451)	(22,328)		(22,328)		
Unrealized Gain/ Loss (GASB 31)	1	0		0		
Rounding		1				
<b>ENDING FUND BALANCE</b>	<b>\$286,519</b>	<b>\$153,863</b>		<b>\$153,039</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Reserve Fund

Fund/Department No: 44270 33047100

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$0</b>	<b>\$0</b>		<b>\$3,900</b>		

**REVENUES**

**USE OF MONEY / PROPERTY**

44002 Interest on Pooled Cash	19,420	15,000	0	0	0	N/A
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	18,333	(11,100)	0	0	0	N/A
SUBTOTAL	37,753	3,900	0	0	0	N/A

**OTHER FINANCING SOURCES**

47101 Transfers In - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL REVENUES</b>	<b>37,753</b>	<b>3,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>

**EXPENDITURES**

**OTHER FINANCING USES**

57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>

**Adjustments to Reserves/Encumbrances:**

Increase in Reserve	(19,420)	0		0		
Unrealized Gain/ Loss (GASB 31)	(18,333)					
Rounding						

<b>ENDING FUND BALANCE</b>	<b>\$0</b>	<b>\$3,900</b>		<b>\$3,900</b>		
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**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bond - 2012A

Fund/Department No:

44280

33047300

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$115,819</b>	<b>\$172,351</b>		<b>\$142,661</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	2,466	1,000	341	332	(10)	(2.79%)
44003 Other Interest Earnings	5,693	150	0	0	0	N/A
44050 Unrealized Gains and Losses	2,096	(1,500)	0	0	0	N/A
SUBTOTAL	10,255	(350)	341	332	(10)	(2.79%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	308,527	310,043	310,043	310,609	566	0.18%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	308,527	310,043	310,043	310,609	566	0.18%
<b>TOTAL REVENUES</b>	<b>318,782</b>	<b>309,693</b>	<b>310,384</b>	<b>310,941</b>	<b>556</b>	<b>0.18%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	873	1,500	1,500	1,000	(500)	(33.33%)
SUBTOTAL	873	1,500	1,500	1,000	(500)	(33.33%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	98,350	93,463	93,463	86,698	(6,765)	(7.24%)
53104 Other Interest Expense	(4,781)	5,526	5,526	5,526	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	93,569	98,989	98,989	92,224	(6,765)	(6.83%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	65,000	15,000	80,000	65,000	433.33%
SUBTOTAL	0	65,000	15,000	80,000	65,000	433.33%
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	162,908	169,114	169,114	176,871	7,757	4.59%
59005 Admin Control Acct Clearing	(162,908)	(169,114)	(169,114)	(176,871)	(7,757)	4.59%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>94,442</b>	<b>165,489</b>	<b>115,489</b>	<b>173,224</b>	<b>57,735</b>	<b>49.99%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Principal payments on bonds	(162,908)	(169,114)		(176,871)		
Restricted cash with trustee (reserve)	0					
Debt Issuance Costs						
(Increase) / Decrease in Bonds Payable	0					
Amortization of bond discount	(10,307)	(10,307)		(10,307)		
Amortization of deferred amount of refunding	5,526	5,526		5,526		
Changed in Reserved Fund Balance	1,976					
Unrealized Gain/ Loss (GASB 31)	(2,096)					
Rounding	1					
<b>ENDING FUND BALANCE</b>	<b>\$172,351</b>	<b>\$142,661</b>		<b>\$98,725</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Common Facilities Revenue Bonds - 2012 A

Fund/Department No:

44275

33047200

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEG. FUND BALANCE</b>	<b>\$173,454</b>	<b>\$252,874</b>		<b>\$42,948</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	3,687	2,000	908	884	(24)	(2.64%)
44003 Other Interest Earnings	7,972	300	0	0	0	N/A
44050 Unrealized Gains and Losses	3,094	(2,200)	0	0	0	N/A
SUBTOTAL	14,753	100	908	884	(24)	(2.64%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	431,957	434,081	434,081	435,105	1,024	0.24%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	431,957	434,081	434,081	435,105	1,024	0.24%
<b>TOTAL REVENUES</b>	<b>446,710</b>	<b>434,181</b>	<b>434,989</b>	<b>435,989</b>	<b>1,000</b>	<b>0.23%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	1,135	2,000	2,000	1,500	(500)	(25.00%)
SUBTOTAL	1,135	2,000	2,000	1,500	(500)	(25.00%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	137,715	130,872	130,872	121,400	(9,472)	(7.24%)
53104 Other Interest Expense	(6,645)	7,787	7,787	7,787	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	131,070	138,659	138,659	129,187	(9,472)	(6.83%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	260,000	210,000	60,000	(150,000)	(71.43%)
SUBTOTAL	0	260,000	210,000	60,000	(150,000)	(71.43%)
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	228,113	236,803	236,803	247,665	10,862	4.59%
59005 Admin Control Acct Clearing	(228,113)	(236,803)	(236,803)	(247,665)	(10,862)	4.59%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>132,205</b>	<b>400,659</b>	<b>350,659</b>	<b>190,687</b>	<b>(159,972)</b>	<b>(45.62%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Principal payments on bonds	(228,113)	(236,803)		(247,665)		
(Increase) / Decrease in Bonds Payable	0	0		0		
Restricted cash with trustee (reserve)	2,766	0		0		
Amortization of bond discount	0	0		0		
Amortization of bond premium	(14,432)	(14,432)		(14,432)		
Amortization of deferred amount of refunding	7,787	7,787		7,787		
Unrealized Gain/ Loss (GASB 31)	(3,094)	0		0		
Rounding	0			0		
<b>ENDING FUND BALANCE</b>	<b>\$252,874</b>	<b>\$42,948</b>		<b>\$33,940</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2012

Fund/Department No:

44285

33047400

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$198,011</b>	<b>\$246,939</b>		<b>\$184,248</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	4,154	1,400	1,362	1,326	(36)	(2.64%)
44003 Other Interest Earnings	4,682	120	0	0	0	N/A
44050 Unrealized Gains and Losses	3,181	(2,100)	0	0	0	N/A
SUBTOTAL	12,016	(580)	1,362	1,326	(36)	(2.64%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	254,094	255,341	255,341	255,705	363	0.14%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	254,094	255,341	255,341	255,705	363	0.14%
<b>TOTAL REVENUES</b>	<b>266,110</b>	<b>254,761</b>	<b>256,703</b>	<b>257,031</b>	<b>327</b>	<b>0.13%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	761	1,500	1,500	1,000	(500)	(33.33%)
SUBTOTAL	761	1,500	1,500	1,000	(500)	(33.33%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	80,886	76,867	76,867	71,303	(5,564)	(7.24%)
53104 Other Interest Expense	(3,892)	4,585	4,585	4,585	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	0	0	0	0	0	N/A
SUBTOTAL	76,993	81,452	81,452	75,888	(5,564)	(6.83%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	100,000	0	0	0	N/A
SUBTOTAL	0	100,000	0	0	0	N/A
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	133,980	139,084	139,084	145,464	6,380	4.59%
59005 Admin Control Acct Clearing	(133,980)	(139,084)	(139,084)	(145,464)	(6,380)	4.59%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>77,754</b>	<b>182,952</b>	<b>82,952</b>	<b>76,888</b>	<b>(6,064)</b>	<b>(7.31%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
(Increase)/Decrease in Bonds Payable						
Principal Payments on Bonds	(133,980)	(139,084)		(145,464)		
Amortization of bond discount	(8,477)	0		0		
Change in Reserved Fund Balance	1,625	0		0		
Capitalized Interest	0	0		0		
Amortization of deferred amount of refundir	4,584	4,584		4,584		
Unrealized Gain/ Loss (GASB 31)	(3,181)	0		0		
Rounding	1	(1)		0		
<b>ENDING FUND BALANCE</b>	<b>\$246,939</b>	<b>\$184,248</b>		<b>\$223,511</b>		

**FY 2020-21 BUDGET**  
**BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bonds 2015

Fund/Department No:

44290

33047500

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$542,839</b>	<b>\$452,144</b>		<b>\$117,311</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	12,209	3,000	681	663	(18)	(2.64%)
44003 Other Interest Earnings	7,215	0	0	0	0	N/A
44050 Unrealized Gains and Losses	19,416	(7,000)	0	0	0	N/A
SUBTOTAL	38,840	(4,000)	681	663	(18)	(2.64%)
<b>Miscellaneous Revenues</b>						
46200 PY Revenue - Miscellaneous	(18,820)	0	0	0	0	N/A
SUBTOTAL	(18,820)	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	1,175,489	713,766	713,766	486,527	(227,239)	(31.84%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,175,489	713,766	713,766	486,527	(227,239)	(31.84%)
<b>TOTAL REVENUES</b>	<b>1,195,509</b>	<b>709,766</b>	<b>714,447</b>	<b>487,190</b>	<b>(227,257)</b>	<b>(31.81%)</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	1,175	4,000	4,000	1,500	(2,500)	(62.50%)
SUBTOTAL	1,175	4,000	4,000	1,500	(2,500)	(62.50%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	209,340	188,626	188,626	187,568	(1,058)	(0.56%)
53104 Other Interest Expense	(11,468)	5,058	5,058	5,058	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	0	0	0	0	0	N/A
SUBTOTAL	197,872	193,684	193,684	192,626	(1,058)	(0.55%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	640,000	410,000	60,000	70,000	10,000	16.67%
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	640,000	410,000	60,000	70,000	10,000	16.67%
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	579,351	422,982	422,982	228,941	(194,041)	(45.87%)
59005 Admin Control Acct Clearing	(579,351)	(422,982)	(422,982)	(228,941)	194,041	(45.87%)
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>839,047</b>	<b>607,684</b>	<b>257,684</b>	<b>264,126</b>	<b>6,442</b>	<b>2.50%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Change in Principal due to Bond Reallocation	169,067					
Change in Bond Premium due to Bond Reallo	5,391					
Capitalized Interest	0					
Loss on Refunding of Debt	5,058	5,058		5,058		
Principal Payment	(579,351)	(425,448)		(228,941)		
Special Fund Stmt's!B449	0	0		0		
Amortization of Bond Premium	(16,525)	(16,525)		(16,525)		
Change in Reserved Fund Balance	(11,379)					
Unrealized Gain/ Loss (GASB 31)	(19,416)					
Rounding	(2)	(0)				
<b>ENDING FUND BALANCE</b>	<b>\$452,144</b>	<b>\$117,311</b>		<b>\$99,967</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Common Facilities Revenue Bonds 2015

Fund/Department No:

44295

33047600

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEG. FUND BALANCE</b>	<b>\$1,981,742</b>	<b>\$117,878</b>		<b>\$60,099</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	38,936	4,540	4,540	4,420	(120)	(2.64%)
44003 Other Interest Earnings	(27,507)	0	0	0	0	N/A
44050 Unrealized Gains and Losses	20,218	(13,200)	0	0	0	N/A
SUBTOTAL	31,647	(8,660)	4,540	4,420	(120)	(2.64%)
<b>MISCELLANEOUS REVENUES</b>						
46200 PY Revenue - Miscellaneous	71,753	0	0	0	0	N/A
SUBTOTAL	71,753	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	367,527	1,030,030	1,030,030	1,237,202	207,173	20.11%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	367,527	1,030,030	1,030,030	1,237,202	207,173	20.11%
<b>TOTAL REVENUES</b>	<b>470,926</b>	<b>1,021,370</b>	<b>1,034,570</b>	<b>1,241,622</b>	<b>207,053</b>	<b>20.01%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	2,335	4,500	4,500	2,500	(2,000)	(44.44%)
SUBTOTAL	2,335	4,500	4,500	2,500	(2,000)	(44.44%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	534,849	549,643	549,643	518,877	(30,766)	(5.60%)
53104 Other Interest Expense	(25,008)	4,516	4,516	4,516	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	0	0	0	0	0	N/A
SUBTOTAL	509,841	554,159	554,159	523,393	(30,766)	(5.55%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	1,000,000	170,000	120,000	120,000	0	0.00%
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	1,000,000	170,000	120,000	120,000	0	0.00%
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	155,649	337,019	337,019	549,935	212,916	63.18%
59005 Admin Control Acct Clearing	(155,649)	(337,019)	(337,019)	(549,935)	(212,916)	63.18%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>1,512,176</b>	<b>728,659</b>	<b>678,659</b>	<b>645,893</b>	<b>(32,766)</b>	<b>(4.83%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Principal Payment	(155,649)	(327,614)		(549,935)		
Change in Principal due to Bond Reallocati	(644,567)	0		0		
Change in Bond Premium due to Bond Rea	(20,554)	0		0		
Revenue Bonds Pay - Change in Current B	0	0		0		
Amortization of Bond Premium	(29,523)	(27,390)		(27,390)		
Capitalized Interest	0					
Change in Reserved Fund Balance	43,380					
Loss on Refunding Debt	4,515	4,515		4,515		
Unrealized Gain/ Loss (GASB 31)	(20,218)	0		0		
Rounding	2	(0)		0		
<b>ENDING FUND BALANCE</b>	<b>\$117,878</b>	<b>\$60,099</b>		<b>\$83,018</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2015

Fund/Department No:

44305

33047700

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$7,557</b>	<b>\$65,448</b>		<b>\$61,692</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	604	500	0	0	0	N/A
44003 Other Interest Earnings	20,292	0	0	0	0	N/A
44050 Unrealized Gains and Losses	10,167	(3,500)	0	0	0	N/A
SUBTOTAL	31,063	(3,000)	0	0	0	N/A
<b>MISCELLANEOUS REVENUES</b>						
46200 PY Revenue - Miscellaneous	(52,932)	0	0	0	0	N/A
SUBTOTAL	(52,932)	0	0	0	0	N/A
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	197,992	47,394	47,394	38,073	(9,321)	(19.67%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	197,992	47,394	47,394	38,073	(9,321)	(19.67%)
<b>TOTAL REVENUES</b>	<b>176,123</b>	<b>44,394</b>	<b>47,394</b>	<b>38,073</b>	<b>(9,321)</b>	<b>(19.67%)</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	71	500	500	500	0	0.00%
SUBTOTAL	71	500	500	500	0	0.00%
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	16,655	40,712	40,712	16,482	(24,230)	(59.52%)
53104 Other Interest Expense	(689)	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	15,965	40,712	40,712	16,482	(24,230)	(59.52%)
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	550,000	0	0	0	0	N/A
SUBTOTAL	550,000	0	0	0	0	N/A
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	0	0	0	16,125	16,125	N/A
59005 Admin Control Acct Clearing	0	0	0	(16,125)	(16,125)	N/A
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>566,037</b>	<b>41,212</b>	<b>41,212</b>	<b>16,982</b>	<b>(24,230)</b>	<b>(58.79%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Change in Principal due to Bond Reallocation	475,500	0		0		
Change in Bond Premium due to Bond Realloc	15,163	0		0		
Accrual of Principal Payment - Revenue Bonds	0	(6,938)		(6,938)		
Principal Payment	0	0		(16,125)		
Amortization of Bond Premium	(689)	0		0		
Unrealized Gain/ Loss (GASB 31)	(10,167)	0		0		
Change in Reserved Fund Balance	(32,002)					
Rounding	0	0		0		
<b>ENDING FUND BALANCE</b>	<b>\$65,448</b>	<b>\$61,692</b>		<b>\$59,720</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds 2019

Fund/Department No: 44310 33047800

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEG. FUND BALANCE</b>	<b>\$0</b>	<b>\$1,018,252</b>		<b>\$174,404</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	376	55,000	34,050	33,150	(900)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	8,536	(8,600)	0	0	0	N/A
SUBTOTAL	8,912	46,400	34,050	33,150	(900)	(2.64%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	1,017,876	649,709	649,709	677,117	27,408	4.22%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,017,876	649,709	649,709	677,117	27,408	4.22%
<b>TOTAL REVENUES</b>	<b>1,026,788</b>	<b>696,109</b>	<b>683,759</b>	<b>710,267</b>	<b>26,508</b>	<b>3.88%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	0	3,790	3,790	2,000	(1,790)	(47.23%)
SUBTOTAL	0	3,790	3,790	2,000	(1,790)	(47.23%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	331,756	317,547	321,061	3,514	1.11%
53104 Other Interest Expense	0	0	0	0	0	N/A
53105 Costs of Issuance	0	175,000	0	0	0	N/A
SUBTOTAL	0	506,756	317,547	321,061	3,514	1.11%
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	10,000,000	3,733,600	0	(3,733,600)	(100.00%)
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	0	10,000,000	3,733,600	0	(3,733,600)	(100.00%)
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	0	250,973	243,627	265,736	22,109	9.07%
59005 Admin Control Acct Clearing	0	(250,973)	(243,627)	(265,736)	(22,109)	9.07%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>10,510,546</b>	<b>4,054,937</b>	<b>323,061</b>	<b>(3,731,876)</b>	<b>(92.03%)</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Long Term Debt proceeds	0	0		0		
Increase/(Decrease) in Bonds Payable	0	0		0		
Unrealized Gains and Losses	0	0		0		
Proceeds Bond Issuance	0	8,127,078		0		
Deposit to Cost of Issuance Fund	0	0		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Principal Payment	0	(250,973)		(265,736)		
Revenue Bonds Pay-Change in Current Bal	0	0		0		
Amortization of Bond Premium	0	0		0		
Change in Reserved Fund Balance	0	0		0		
Post Audit Adjustments - Closing COI	0	1,094,484		0		
Loss on Refunding of Debt	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(8,536)	0		0		
Rounding	0	1		0		
<b>ENDING FUND BALANCE</b>	<b>\$1,018,252</b>	<b>\$174,404</b>		<b>\$295,874</b>		

**FY 2020-21 BUDGET  
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2019

Fund/Department No:

44315

33047900

Account Title	Actual 2018-2019	Estimated 2019-2020	Adopted 2019-2020	Requested 2020-21	Difference	Percent Change
<b>BEGINNING FUND BALANCE</b>	<b>\$0</b>	<b>\$227,482</b>		<b>\$577,662</b>		
<b>REVENUES</b>						
<b>USE OF MONEY / PROPERTY</b>						
44002 Interest on Pooled Cash	84	27,240	27,240	26,520	(720)	(2.64%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	1,907	(2,000)	0	0	0	N/A
SUBTOTAL	1,991	25,240	27,240	26,520	(720)	(2.64%)
<b>OTHER FINANCING SOURCES</b>						
47101 Transfers In - within a Fund	227,398	207,354	207,354	240,528	33,174	16.00%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	227,398	207,354	207,354	240,528	33,174	16.00%
<b>TOTAL REVENUES</b>	<b>229,389</b>	<b>232,594</b>	<b>234,594</b>	<b>267,048</b>	<b>32,454</b>	<b>13.83%</b>
<b>EXPENDITURES</b>						
<b>SERVICES AND SUPPLIES</b>						
51242 Bank Charges	0	1,210	1,210	1,000	(210)	(17.33%)
SUBTOTAL	0	1,210	1,210	1,000	(210)	(17.33%)
<b>OTHER CHARGES</b>						
53103 Interest on LT Debt	0	101,345	101,345	113,890	12,545	12.38%
53104 Other Interest Expense	0	0	0	0	0	N/A
53105 Costs of Issuance	0	62,000	0	0	0	N/A
SUBTOTAL	0	163,345	101,345	113,890	12,545	12.38%
<b>OTHER FINANCING USES</b>						
57011 Transfers Out - within a Fund	0	2,900,000	0	500,000	500,000	N/A
SUBTOTAL	0	2,900,000	0	500,000	500,000	N/A
<b>ADMIN. CONTROL ACCOUNT</b>						
59004 Administrative Control Account	0	77,753	77,753	94,265	16,512	21.24%
59005 Admin Control Acct Clearing	0	(77,753)	(77,753)	(94,265)	(16,512)	21.24%
SUBTOTAL	0	0	0	0	0	N/A
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>3,064,555</b>	<b>102,554</b>	<b>614,890</b>	<b>512,336</b>	<b>499.57%</b>
<b>Adjustments to Reserves/Encumbrances:</b>						
Unrealized Gains and Losses	0	0		0		
Proceeds Bond Issuance	0	2,882,922		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Accrual of Principal Payment - Revenue Bon	0	(89,028)		0		
Principal Payment	0	0		0		
Deposit to Cost of Issuance Fund	0	0		0		
Bond Premium - Issuance of Revenue Bonds	0	388,247		0		
Amortization of Bond Premium	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(1,907)	0		0		
Change in Reserved Fund Balance	0	0		0		
Rounding	0	0		0		
<b>ENDING FUND BALANCE</b>	<b>\$227,482</b>	<b>\$577,662</b>		<b>\$229,820</b>		

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY20-21

**A. ANNUAL DEBT SERVICE REQUIREMENTS**

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
<b>2012 A Revenue Bond</b>	<b>44275</b>	<b>TBD</b>	<b>TBD</b>	<b>44280</b>	<b>44285</b>
PRINCIPAL	247,665			176,871	145,464
INTEREST	121,400			86,698	71,303
OTHER INTEREST - DEFERRED REFUNDING CHARGE	7,787			5,526	4,585
FISCAL AGENT FEES	1,500			1,000	1,000
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	378,352	0		270,095	222,352
Bond Reserve	56,753	0		40,514	33,353
<b>Total Individual Bond Debt Service</b>	<b>435,105</b>	<b>0</b>		<b>310,609</b>	<b>255,705</b>
<b>2015A Revenue Bond</b>	<b>44295</b>			<b>44290</b>	<b>44305</b>
PRINCIPAL	549,935			228,941	16,125
INTEREST	518,877			187,568	16,482
OTHER INTEREST - DEFERRED REFUNDING CHARGE	4,516			5,058	0
FISCAL AGENT FEES	2,500			1,500	500
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	1,075,828			423,067	33,107
Bond Reserve	161,374			63,460	4,966
<b>Total Individual Bond Debt Service</b>	<b>1,237,202</b>			<b>486,527</b>	<b>38,073</b>
<b>2019A Revenue Bond</b>					
PRINCIPAL	265,736				94,265
INTEREST	321,061				113,890
FISCAL AGENT FEES	2,000				1,000
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	588,797			0	209,155
Bond Reserve	88,320			0	31,373
<b>Total Individual Bond Debt Service</b>	<b>677,117</b>			<b>0</b>	<b>240,528</b>
<b>2013 Capital Fund Loan Requirement</b>					
PRINCIPAL	0				
INTEREST	0				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
DISCOUNT/BONDS	0				
Total Individual Loan Payments	0				
Loan Reserve					
<b>Total Individual Loan Debt Service</b>	<b>0</b>				
<b>2013 Santa Rosa AQ Capital Fund Loan</b>					
PRINCIPAL					
INTEREST					
FISCAL AGENT FEES					
DEBT ISSUANCE COSTS					
DISCOUNT/BONDS					
Total Individual Loan Payments					
Loan Reserve					
<b>Total Individual Loan Debt Service</b>	<b>0</b>			<b>0</b>	<b>0</b>
<b>2013 Petaluma AQ Capital Fund Loan</b>					
PRINCIPAL					
INTEREST					
FISCAL AGENT FEES					
DEBT ISSUANCE COSTS					
DISCOUNT/BONDS					
Total Individual Loan Payments					
Loan Reserve					
<b>Total Individual Loan Debt Service</b>	<b>0</b>			<b>0</b>	
1. 09/10 Financing Exp for Common Fac incl above until index established	<b>Mirabel Generators</b>	<b>TBD - RRIFR</b>	<b>TBD - Water Ed Bldg</b>	<b>TBD - Oakmont Pipeline</b>	
PRINCIPAL	0				
INTEREST	0				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
Total Individual Bond Payments	0	0	0	0	0
Reserve	0	0	0	0	0
<b>Total Individual Financing Debt Service</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY20-21

**A. ANNUAL DEBT SERVICE REQUIREMENTS**

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
<b>SRF LOAN</b>	<b>44265</b>				
PRINCIPAL	839,012			N.A	N.A
INTEREST	201,220			N.A	N.A
Total Individual Loan Payments	1,040,232				
Reserve Requirement	156,035				
<b>Total SRF Debt Service</b>	<b>1,196,267</b>				
<b>SRF LOAN RESERVE</b>					
RESERVE				N.A	N.A
<b>Total SRF Debt Service</b>	<b>1,196,267</b>				
<b>TOTAL DEBT SERVICE</b>	<b>\$3,545,690</b>	<b>\$0</b>	<b>\$0</b>	<b>\$797,136</b>	<b>\$534,306</b>
LESS REV. FROM N. MARIN REV. BOND CHARGES	355,399				
<b>REMAINING REVENUE REQUIREMENT</b>	<b>\$3,190,292</b>	<b>\$0</b>	<b>\$0</b>	<b>\$797,136</b>	<b>\$534,306</b>

**B. CALCULATIONS OF WATER RATES FOR FY20-21**

	Common Facilities Debt Service Charge	Watershed Plan Restoration Debt Service Charge	Water Conservation Debt Service Charge	Storage Facilities Revenue Bonds Charge	Sonoma Pipeline Facilities Revenue Bonds Charge
REVENUE REQUIREMENT	\$3,190,291.83	\$0	\$0	\$797,136	\$534,306
APPLICABLE BASE WATER DELIVERIES IN A.F.	32,834.45	43,611.6	43,611.6	32,834.45	3,950.2
<b>CHARGES PER ACRE-FEET</b>	<b>\$97.16</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$24.28</b>	<b>\$135.26</b>

**C. CALCULATIONS OF NORTH MARIN REVENUE BONDS CHARGE**

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE ( <i>Remaining Facilities per RA 4.3a2</i> )	3,545,690
LESS 2019 REVENUE BOND DEBT SERVICE (NMWD PAID CASH)	677,117
<b>NMWD</b> REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Remaining Facilities per RA 4.3a2)	2,868,574
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (11.2/90.4))	355,399
<b>ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)</b>	<b>5,250</b>
NORTH MARIN REVENUE BONDS CHARGE	67.69
REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE ( <i>Additional Facilities per RA 4.3b9</i> )	-
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (19.9/146.2))	-
<b>ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)</b>	<b>5,250</b>
NORTH MARIN REVENUE BONDS CHARGE	-

<b>Common Facilities</b>		<b>NMWD Cash for 2019 Common Bonds</b>	
NMWD Debt Service RA 4.3a2 ( <i>remaining facilities</i> )	2,868,574	Total Revenue Required	\$2,868,574
N. Marin's Share (11.2/90.4)	355,399	Debt service - Additional Facilities	
Estimated Water Deliveries to N. Marin	<b>5,250</b>	Revenue base for NMWD	\$2,868,574
Applicable portion of the N. Marin R. Bonds Charge	<b>\$67.69</b>		

2015A New Money P&I Begins 2020

Debt Service RA 4.3b9 ( <i>additional facilities</i> )	0
N. Marin's Share (19.9/146.2)	-
Estimated Water Deliveries to N. Marin	<b>5,250</b>
Applicable portion of the N. Marin R. Bonds Charge	<b>\$ -</b>
Total NMWD Share	355,399
<b>NMWD Total Bonds Charge</b>	<b>\$67.69</b>

**FY 2020-21 BUDGET**  
**Water Transmission System - Fund Balances and Operating Transfers**

<b>Fund</b>	<b>Index</b>	<b>OT Out (57012)</b>	<b>To</b>	<b>OT In (47102)</b>	<b>Fund Bal. (Stmnt.)</b>	<b>Fund Bal. (Cash)</b>	<b>Diff.</b>
Santa Rosa Aq. Capital Fund	44230	0		546,474	365,317	365,316	(0)
Petaluma Aq. Capital Fund	44235	0		332,486	6,546,001	6,546,001	0
Sonoma Aq. Capital Fund	44240	0		622,845	30,357	30,357	(0)
Sonoma Rev Bond 2012 Fund	44285	0	Sonoma AQ	255,705	223,511	223,511	0
Sonoma Rev Bond 2015 Fund	44305	0	Sonoma AQ	38,073	59,720	59,720	0
Sonoma Rev Bond 2019 Fund	44315	500,000	Sonoma AQ	240,528	229,820	229,820	0
Storage Rev Bond 2012 Fund	44280	80,000	Storage Facilities	310,609	98,725	98,725	0
Storage Rev Bond 2015 Fund	44290	70,000	Storage Facilities	486,527	99,967	99,967	(0)
Common Rev Bond 2012 Fund	44275	60,000	Common Facilities	435,105	33,940	33,940	0
Common Rev Bond 2015 Fund	44295	120,000	Common Facilities	1,237,202	83,018	83,018	(0)
Common Rev Bond 2019 Fund	44310	0	Common Facilities	677,117	295,874	295,874	0
State Loan Debt Service	44265	150,000	Common Facilities	1,196,267	153,040	153,039	(0)
State Loan Reserve	44270	0		0	3,900	3,900	0
Capital Lease Financing		0		0	0	0	0
Agency Fund (Discretionary)	44205	231,701	Common Facilities	0	8,429,304	8,429,304	0
Agency Fund (Charges)	44205	12,958,957		0			
Pipeline Facilities	44255			0	0	0	0
Storage Facilities	44250			150,000	8,042	8,042	0
Common Facilities	44260			561,701	402,812	402,812	(0)
North Marin	44300	0		0	17,305	17,305	0
Water Management Planning	44210			40,000	93,386	93,386	0
Watershed Planning/Restoration	44215			5,128,067	2,252,540	2,252,540	0
Recycled Water & Local Supply	44220			41,000	307,496	307,496	0
Water Conservation	44225			1,870,952	997,649	997,649	(0)
<b>Total</b>		<b>14,170,658</b>		<b>14,170,658</b>	<b>20,731,724</b>	<b>20,731,723</b>	<b>(1)</b>
<u>Common Facilities OT - in 47101 From</u>							
Water Transmission (discretionary)	231,701						
Water Transmission (Charges)	-						
North Marin	-		O&M Rate Computation				
2012 Bond Fund	60,000		Revenue Requirement - Transfers Out:				
2015 Bond Fund	120,000					12,958,957	
2019 Bond Fund	-						
State Loan Debt Service	150,000						
	561,701						
<u>Agency Fund (Charges) OT - Out To:</u>							
<u>AQ Capital Funds</u>				<u>Agency Fund (Charges) OT - Out To:</u>			
Santa Rosa Aq. Capital Fund	546,474			<u>Summary</u>			
Petaluma Aq. Capital Fund	332,486			AQ Capital Funds	1,001,805		
Sonoma Aq. Capital Fund	122,845			Debt Service Funds	4,877,133		
	1,001,805			WT Subfunds	7,080,019		
<u>Debt Service Funds</u>						12,958,957	
Sonoma Rev Bond 2012 Fund	255,705			Capital Funds and North Marin	231,701		
Sonoma Rev Bond 2015 Fund	38,073						
Sonoma Rev Bond 2019 Fund	240,528						
Storage Rev Bond 2012 Fund	310,609						
Storage Rev Bond 2015 Fund	486,527						
Common Rev Bond 2012 Fund	435,105						
Common Rev Bond 2015 Fund	1,237,202						
Common Rev Bond 2019 Fund	677,117						
State Loan Debt Service	1,196,267						
State Loan Reserve	0						
Capital Lease Financing	0						
	4,877,133						
<u>Capital Funds and North Marin</u>							
Pipeline Facilities	0						
Storage Facilities	0						
Common Facilities	231,701						
North Marin	0						
	231,701						
<u>WT Subfunds</u>							
Water Management Planning	40,000						
Watershed Planning/Restoration	5,128,067						
Recycled Water & Local Supply	41,000						
Water Conservation	1,870,952						
	7,080,019						
<b>Total</b>	<b>13,190,658</b>						