

Water Transmission FY 2019-2020 Draft Budget and Rates

The draft proposed FY 2019-2020 rates are shown in the table below:

Charge / Aqueduct	Santa Rosa	Petaluma	Sonoma
Deliveries (Acre-Feet)	43,870		
O&M	\$615.20	\$615.20	\$615.20
Water Management Planning	\$1.14	\$1.14	\$1.14
Watershed Planning & Restoration	\$102.96	\$102.96	\$102.96
Recycled Water and Local Supply	\$2.96	\$2.96	\$2.96
Water Conservation	\$46.94	\$46.94	\$46.94
Total O&M	\$769.20	\$769.20	\$769.20
Storage & Common Bond/Loan Charges	\$122.10	\$122.10	\$122.10
Sonoma Aqueduct Bond/Loan Charge			\$130.50
Prime Contractors	\$891.30	\$891.30	\$1,021.80
Discretionary Charges			
Capital Charges - to build fund balance for future projects	\$27.00	\$27.00	\$27.00
Local Recycled Water Tier 2 Program	\$0.00	\$0.00	\$0.00
Prime Contractors	\$27.00	\$27.00	\$27.00
Total Prime Contractors	\$918.30	\$918.30	\$1,048.80
Total Overall Increase:	4.60%	4.60%	4.77%

SUMMARY

- **Deliveries: (Budget Packet Pages 8-13):**
 - **FY 2019-2020:** rates are based on budgeted deliveries of **43,870 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 (**43,870 AF**) or the last 12 months of water deliveries (Calendar Year (CY) 2018: **46,830 AF**). Actual deliveries for CY 2018 were 6.8% more than CY 2017: 43,848 AF. FY 2019-2020 budgeted deliveries are 5.03% more than FY 2018-2019 budgeted deliveries.
 - **FY 2018-2019:** budgeted deliveries for rate calculation were based on average annual water deliveries for the past 36 months (**41,768 AF**). Actual FY deliveries will be determined at the end of FY 2018-2019. Current trend indicates actuals may at or over budget.
 - **FY 2017-2018:** budgeted deliveries were 41,446 AF. Actual deliveries were 46,134 AF (11.3% higher).
- **Operations and Maintenance (O&M) – Water Transmission O&M Fund (Budget Packet Pages 14-21):**
 - 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	\$36.35	6.3%	Increase in maintenance projects deferred during the drought.
Revenue	\$3,853,126	10.2%	Increase in revenue attributable to increase in budgeted deliveries and the total overall rate which includes revenue for higher charges in watershed planning and restoration for Dry Creek Habitat Enhancement Projects.
Expenditures	\$4,231,170	9.5%	Increase in maintenance projects deferred during the drought and ongoing large non-routine maintenance projects (cathodic protection and tank recoats), as well as ongoing work on regional water supply resiliency study and fire-related water quality studies.

Factors affecting the O&M rate:

O&M Fund Expenditures	Increase (Decrease) in Dollars	Percent Change	Description
Labor	\$435,000	3.0%	Increase attributable to a 3% cost of living increase.
Power	\$100,000	3.0%	Expected to increase \$100,000 over Fiscal Year 2018-2019 budget due to increased pumping from higher water deliveries.
Chemicals	\$10,000	1.4%	Expected to increase \$10,000 over Fiscal Year 2018-2019 due to increased water deliveries.
Testing/Analysis	\$0	0.0%	Expected to align with FY2018-2019 budget.
Contract Services	\$3,563,000	216.1%	Increase due to tank maintenance, asset management services, and tank recoat contracts as well as regional water supply resiliency study and fire-related water quality studies.
Maintenance - Equipment	\$166,000	16.7%	Increase due to implementation of maintenance projects deferred during the drought.
Small Tools - Instruments	(\$4,000)	-2.2%	Expected to decrease to align more closely with Fiscal Year 2017-2018 actuals.
Operating Transfers	(\$428,000)	-3.1%	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 22-31):**

- 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. In intervening years, the Water Agency typically incurs minimal costs to review regulatory requirements and revise the scope of work accordingly but will maintain modest rate increases to smooth the rate and soften impact to rate payers.

Water Management Planning	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$0.14	14.0%	Fiscal Year 2018-2019 rate is \$1.00. 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	\$13,510	28.6%	Increase attributable to increase in revenue requirement for ongoing Urban Water Management Plan activities.
Expenditures	\$25,000	0.0%	Budget of \$50,000 to align more closely with Fiscal Year 2017-2018 actuals and estimated FY 2018-2019 expenditures for follow-up meetings, responding to State Department of Water Resources and contractor requests, tracking regulatory compliance changes, and coordinating with climate adaption strategic planning efforts. Additionally, subject to WAC approval, Sonoma Water proposes transferring Fund Balance accumulated in excess of what is likely needed for the Urban Water Management Plan (\$338,000) to the Recycled Water Local Supply Fund for the MMWD Local Recycled Water Tier 2 (LRT2) Project. Recycled Water Local Supply Fund Balance was reduced in FY2018-2019 at request of water contractors prior to knowing that MMWD LRT2 project that experienced delays needed that Fund Balance. The transfer will maintain low rates in both funds.

○ 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	\$11.89	13.1%	Fiscal Year 2018-2019 rate is \$91.07. Rate increase for design and right-of-way expenditures for Dry Creek Habitat Enhancement phases 4, 5, and 6. Fund balance will be used in subsequent years for construction costs to smooth impact of future rates.
Revenue	\$692,567	16.3%	Increase due to increased Fiscal Year 2018-2019 budgeted water deliveries and subfund rate increase for Dry Creek Habitat Enhancement phases 4, 5, and 6 as compared to Fiscal Year 2018-2019 budget.
Expenditures	\$1,402,000	36.3%	Increase due to design and right-of-way expenditures for Dry Creek Habitat Enhancement phases 4, 5, and 6 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 including 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	\$0.04	1.5%	Fiscal Year 2018-2019 rate is \$2.92 Increase is to fund Groundwater Management in FY 2019/2020 for Groundwater Sustainability activities. Fiscal Year 2018-2019: TAC has not included Local Recycled Water Tier 2 (LRT2) funding in the budget.
Revenue	\$356,706	263.2%	Increase due to increased Fiscal Year 2018-2019 budgeted water deliveries. Revenue generated for Groundwater Sustainability activities. Additionally, subject to WAC approval, Sonoma Water proposes transferring Fund Balance accumulated in excess of what is likely needed for the Urban Water Management Plan (\$338,000) to the Recycled Water Local Supply Fund for the MMWD Local Recycled Water Tier 2 (LRT2) Project. Recycled Water Local Supply Fund Balance was reduced in FY2018-2019 at request of water contractors prior to knowing that MMWD LRT2 project that experienced delays needed that Fund Balance. The transfer will maintain low rates in both funds.
Expenditures	\$346,013	283.6%	Increase is for MMWD LRT2 Project. Recycled Water Local Supply Fund Balance was reduced in FY2018-2019 at request of water contractors prior to knowing that MMWD LRT2 project that experienced delays needed that Fund Balance. The transfer will maintain low rates in both funds.

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

Water Conservation	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$1.78	3.9%	Fiscal Year 2018-2019 rate is \$45.16. Rate increase for program needs. Fiscal Year 2018-2019 use of \$290,000 in fund balance reduced rate increase.
Revenue	\$167,902	7.2%	Increase due to DWR Water Energy Grant and funding agreements with water contractors.
Expenditures	(\$137,014)	-5.5%	Implement water use efficiency, outreach and education projects, address ongoing water conservation needs, and pass through grant funds to water contractors and other partners. Fire-related water use efficiency activities expected to be ongoing in FY 2019-2020. Funding from Sonoma Clean Power for water and energy education activities has reduced expenses to water conservation fund.

- **Storage, Common, and Sonoma Bond/Loan Charges: (Budget Packet Pages 43-55):**

- 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 FY18-19 proposed new money financing (Water Revenue Bonds 2019A): Total \$11.5M, 3.4% 25 years.

Storage and Common Bond/Loan Charges	Increase (Decrease) in Dollars	Percent Change	Description
Storage Bond/Loan Charge	(\$9.82)	-23.9%	Fiscal Year 2018-2019 rate is \$41.04. Rate is based on revenue requirement for debt service divided by water deliveries. Flat debt service with increase in water deliveries results in rate decrease. Also, rate decrease is greater than in the 2015 Common Bond Fund because in FY2018-2019, 2015 Storage Bond proceeds were reallocated to Common Facilities to offset higher capital expenditures in Common Facilities.
Common Bond/Loan Charge	(\$7.46)	-7.6%	Fiscal Year 2018-2019 rate is \$98.34. Rate is based on revenue requirement for debt service divided by water deliveries. Flat debt service with increase in water deliveries results in rate decrease. Also, rate decrease is less than in the 2015 Storage Bond Fund because in FY2018-2019, 2015 Storage Bond proceeds were reallocated to the 2015 Common Bonds Fund to offset higher capital expenditures in Common Facilities.
Sonoma Aqueduct Bond/Loan Charge	(\$12)	-8.5%	Fiscal Year 2018-2019 rate is \$142.68. 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. Flat debt service with increase in water deliveries results in rate decrease.

- **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 minimize rate spikes.
- The FY 2018-2019 budget included a rate per AF of \$19.50 for the Santa Rosa and Petaluma Aqueducts.
- An Aqueduct Capital Charge for the Sonoma Aqueduct was not included in the FY 2018-2019 budget to reduce the rate impact of the proposed new money bond financing for the Sonoma Booster Pump Station Electrical Upgrade and Pumping Reliability Project.
- The FY 2019-2020 draft budget includes proposed increased aqueduct capital charges for all three aqueducts. Sonoma Water recommends using decrease in Bond Fund rates to increase Aqueduct Capital Fund balance for aging aqueduct infrastructure and increasing contribution to pre-drought levels (\$27 per AF).

- **Overall Draft Proposed Rate Increases: (Budget Packet Pages 1-7):**

- 4.60% (Santa Rosa and Petaluma Aqueducts)
- 4.77% (Sonoma Aqueducts)
- FY 2019-2020 budgeted deliveries are based on average annual water deliveries for the past 36 months (43,870 AF). FY 2019-2020 budgeted deliveries are 5.03% more than FY 2018-2019 budgeted deliveries.
- The FY2019-2020 budget accommodates an increase in maintenance projects deferred during the drought, large non-routine maintenance projects (cathodic protection and tank recoats), the regional

water supply resiliency study and fire-related water quality studies, Dry Creek Habitat Enhancement design and right-of-way for phases 4, 5, and 6, and investment in capital infrastructure: hazard mitigation projects and Sonoma Booster Pump Station Electrical Upgrade and Pumping Reliability Project.

- Subject to WAC approval, Sonoma Water proposes transferring Fund Balance accumulated in excess of what is likely needed for the Urban Water Management Plan (\$338,000) to the Recycled Water Local Supply Fund for the MMWD Local Recycled Water Tier 2 (LRT2) Project. The Recycled Water Local Supply Fund Balance was reduced in FY 2018-2019 at the request of water contractors prior to knowing that the MMWD LRT2 project that experienced delays needed that Fund Balance. The transfer will maintain low rates in both funds.

FY 2019-2020 Capital Projects

(Budget Packet Pages 32-42):

Project	Category	Amount
Ely BPS Flood Control & Electrical Upgrade	Petaluma AQ	266,000
MSN Segment C2 - HOV Lane - Lakeville to Old Redwood Hwy.	Petaluma AQ	1,600,000
LHMP - Program Design (for Future FEMA Funds)	Sonoma AQ	30,000
SBS Electrical Upgrade and Pumping Reliability	Sonoma AQ	4,100,000
Mainline Valve Replacement (Vinehill Ranch)	Common	356,000
Mirabel Dam Bladder Replacement	Common	1,580,000
MW Creek Crossing	Common	70,000
Pump Replacement	Common	
Wohler 4,11	Common	1,200,000
RDS Pump and Motor Replacement	Common	150,000
RR Crossing	Common	165,000
Warm Springs Dam Hydroturbine Retrofit	Common	1,400,000
Wohler Plant Access Rd. Retaining Wall	Common	34,000
WTS Equipment Building	Common	20,000
	TOTAL	10,971,000
	Petaluma AQ	1,866,000
	Sonoma AQ	4,130,000
	Common	4,975,000
		10,971,000

**Sonoma County Water Agency
FY19-20 Water Transmission Budget and Rates**

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FY19-20 Prime Contractor Rates Summary

	CHARGE PER ACRE FOOT:						
	Santa Rosa	Petaluma	Sonoma				Percent Change
	Aqueduct	Aqueduct	Aqueduct	FY18-19			
				SR	Pet	Son	
O&M Charge [4.2]	615.20	615.20	615.20	\$578.85	\$578.85	\$578.85	6.28%
Water Management Planning Sub-charge	1.14	1.14	1.14	\$1.00	\$1.00	\$1.00	13.96%
Watershed Planning/Restoration Sub-charge	102.96	102.96	102.96	\$91.07	\$91.07	\$91.07	13.06%
Recycled Water & Local Supply Sub-charge	2.96	2.96	2.96	\$2.92	\$2.92	\$2.92	1.46%
Water Conservation Sub-charge [4.16]	46.94	46.94	46.94	\$45.16	\$45.16	\$45.16	3.94%
O&M Charge	769.20	769.20	769.20	\$719.00	\$719.00	\$719.00	6.98%
Storage and Common Bond & Loan Charge	122.10	122.10	122.10	\$ 139.38	\$ 139.38	\$ 139.38	-12.40%
Sonoma Aqueduct Bond Charge			130.50			\$ 142.68	-8.5%
PRIME CONTRACTORS	\$891.30	\$891.30	\$1,021.80	\$ 858.37	\$858.37	\$1,001.05	
Capital Charges - to build fund balance for future projects	27.00	27.00	27.00	\$ 19.50	\$ 19.50	\$ -	38%
Local Recycled Water Tier 2 Program	0.00	0.00	0.00	\$0.00	\$ -	\$ -	0%
PRIME CONTRACTORS	27.00	27.00	27.00	\$ 19.50	\$ 19.50	\$ -	38%
				2.56%	2.56%	2.31%	
TOTAL PRIME CONTRACTORS	\$918.30	\$918.30	\$1,048.80	\$ 877.87	\$877.87	\$1,001.05	
Increase from FY 17-18	4.60%	4.60%	4.77%	8.84%	8.84%	11.90%	

Note: the Local Recycled Water Tier 2 Program rate is included in the Recycled Water and Local Supply Sub-charge on the Water Rates page.

WATER TRANSMISSION SYSTEM
FY19-20 WATER CHARGES PER ACRE-FOOT
FOR PRIME CONTRACTORS

FISCAL YEAR	SANTA ROSA AQUEDUCT	% INCR. (DECR.)	PETALUMA AQUEDUCT	% INCR. (DECR.)	SONOMA AQUEDUCT	% INCR. (DECR.)
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
FY19-20 REVENUE SUMMARY CHART**

WATER CUSTOMER	FY19-20 Budgeted Water Use (Acre-Feet)	FY18-19 Rate \$/Acre-Foot	FY19-20 Proposed Rate \$/Acre-Foot	Dollar Change	Percent Change
Santa Rosa Aqueduct	16,888	\$877.88	\$918.30	\$40.42	4.60%
Petaluma Aqueduct	10,177	877.88	918.30	\$40.42	4.60%
Sonoma Aqueduct	3,909	1,001.06	1,048.80	\$47.73	4.77%
North Marin Water Dist.	5,711	894.17	937.34	\$43.17	4.83%
Marin Municipal – Fourth Off Peak	4,300	1,093.33	1,129.74	\$36.42	3.33%
Marin Municipal – Supplemental	970	1,093.33	1,129.74	\$36.42	3.33%
Forestville Aqueduct	381	877.88	918.30	\$40.42	4.60%
Wholesale/Municipal	936	1,201.27	1258.55	\$57.28	4.77%
Surplus	93	862.80	923.04	\$60.24	6.98%
Windsor	505	1,053.47	1,101.96	\$48.49	4.60%
TOTAL	43,870				

SONOMA COUNTY WATER AGENCY RATES FOR WATER DELIVERIES IN FY19-20

[X] ESTIMATED [] OFFICIAL
Approved by Board of Directors on April _____, 2019

CHARGE PER ACRE FOOT:

	Santa Rosa Aqueduct	Petaluma Aqueduct	Sonoma Aqueduct
PRIME CONTRACTORS			
<u>O&M Charge [4.2]</u>	\$615.20	\$615.20	\$615.20
Water Management Planning Sub-charge [4.13]	\$1.14	\$1.14	\$1.14
Watershed Planning/Restoration Sub-charge [4.14]	\$102.96	\$102.96	\$102.96
Recycled Water & Local Supply Sub-charge [4.15]	\$2.96	\$2.96	\$2.96
Water Conservation Sub-charge [4.16]	\$46.94	\$46.94	\$46.94
O&M Charge	\$769.20	\$769.20	\$769.20
 <u>Bond & Loan Charges - to pay for existing debt service</u>			
Storage Facilities Capital Charge [4.7]	31.22	31.22	31.22
Common Facilities Capital Charge [4.8]	90.88	90.88	90.88
Sonoma Aqueduct Facilities Capital Charges [4.6 b]			130.50
<u>Total Bond & Loan Charges</u>	\$122.10	\$122.10	\$252.60
 <u>Discretionary:</u>			
<u>Aqueduct Capital Charges - to build fund balance for future projects</u>			
Aqueduct Facilities Capital Charges [4.6 e]	27.00	27.00	27.00
 LRT2 - included in Recycled Water & Local Supply Sub-Charge above.			
TOTAL PRIME CONTRACTORS	\$918.30	\$918.30	\$1,048.80
Charge without LRT2 and voluntary AQ Capital Charge	\$891.30	\$891.30	\$1,021.80
OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES			
<u>(WATER CO'S & PUBLIC AGENCIES)</u>			
O&M Charge	\$769.20	\$769.20	\$769.20
Capital Charges	122.10	122.10	252.60
Aqueduct Facilities Capital Charge	\$367.25	\$367.25	\$236.76
TOTAL OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES (4.12)	\$1,258.55	\$1,258.55	\$1,258.55
(120% OF HIGHEST PRIME)			
FORESTVILLE			
O&M Charge [4.2] *	\$615.20		
Water Management Planning Sub-charge [4.13]	1.14		
Watershed Planning/Restoration Sub-charge [4.14]	102.96		
Recycled Water & Local Supply Sub-charge [4.15]	2.96		
Water Conservation Sub-charge [4.16]	46.94		
O&M Charge	\$769.20		
<u>Bond & Loan Charges - to pay for existing debt service</u>			
Aqueduct Facilities Capital Charges [4.6]	27.00		
Storage Facilities Capital Charge [4.7]	31.22		
Common Facilities Capital Charge [4.8]	90.88		
<u>Total Capital Charges</u>	\$149.10		
TOTAL FORESTVILLE	\$918.30		
* Forestville Water District was exempt from Santa Rosa Aqueduct sub-charge from FY 06/07 to FY 16/17 [4.12].			
NORTH MARIN WATER DISTRICT			
O&M Charge		\$769.20	Note: N. Marin pays bond and loan charge in lieu of Capital Charge.
North Marin Bond & Loan Charge [4.9]		57.71	
Russian River Conservation Charge [4.18 (a)]		102.09	
Russian River Projects Charge [4.18 (b)]		8.34	
TOTAL NORTH MARIN WATER DISTRICT		<u>937.34</u>	
FOURTH OFF-PEAK (MARIN MUNICIPAL)			
Highest Prime on SR and PET AQ x 1.11		\$1,019.31	
Russian River Conservation Charge		102.09	
Russian River Projects Charge		8.34	
TOTAL FOURTH OFF-PEAK		<u>\$1,129.74</u>	
SUPPLEMENTAL (MARIN MUNICIPAL)			
Highest Prime on SR and PET AQ x 1.11		\$1,019.31	
Russian River Conservation Charge		102.09	
Russian River Projects Charge		8.34	
TOTAL SUPPLEMENTAL		<u>\$1,129.74</u>	
SURPLUS			
Non-Municipal / Municipal [4.11 (a)]	\$923.04	\$923.04	\$923.04
(120% of O&M Charge)			
Town of Windsor		\$1,101.96	
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)].			
	\$1,101.96		

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

FY 2019-20 BUDGET
SONOMA COUNTY WATER AGENCY
Operations and Maintenance Rate Computation

O & M REVENUE REQUIREMENT

FY19-20 ESTIMATED FISCAL YEAR EXPENDITURES \$48,724,421

LESS:

DepreciationAmortization	8,036,000
Investment Income, Interest on Pooled Cash, Charges for Services	170,250
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	12,590,069

REVENUE REQUIREMENT (Net Expenditures)	\$27,828,102
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O & M ACRE FOOT BASE

DELIVERIES: 43,869.9

LESS:

Marin Municipal	5,269.5
Surplus (Irrigation)	92.8

TOTAL BASE DELIVERIES	38,507.5
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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

$$= \frac{27,828,102 - (4,300.00 \times 785.32) - (969.52 \times 785.32)}{43,869.9 - 92.8 - 5,269.5}$$

* = 615.20

FY19-20
Proposed Water Rates

	<u>FY18-19</u>	<u>FY19-20</u>	
	(Actual)	(Proposed)	% Change
O&M Charge	578.85	615.20	6.28%
Water Management Planning Sub-Charge	1.00	1.14	13.96%
Watershed Planning/Restoration Sub-Charge	91.07	102.96	13.06%
Recycled Water Sub-Charge	2.92	2.96	1.46%
Water Conservation Sub-Charge	45.16	46.94	3.94%
Total O&M Charge	719.00	769.20	6.98%

Santa Rosa Aqueduct Rate

O&M Charge	719.00	769.20	6.98%
Aqueduct Facilities Capital Charges [4.6 e]	19.50	27.00	38.5%
Storage Facilities Capital Charge [4.7]	41.04	31.22	-23.94%
Common Facilities Capital Charge [4.8]	98.34	90.88	-7.58%
TOTAL	877.87	918.30	4.60%

Petaluma Aqueduct Rate

O&M Charge	719.00	769.20	6.98%
Aqueduct Facilities Capital Charges [4.6 e]	19.50	27.00	38.5%
Storage Facilities Capital Charge [4.7]	41.04	31.22	-23.94%
Common Facilities Capital Charge [4.8]	98.34	90.88	-7.58%
TOTAL	877.87	918.30	4.60%

Sonoma Aqueduct Rate

O&M Charge	719.00	769.20	6.98%
Aqueduct Facilities Capital Charges [4.6 e]	0.00	27.00	N/A
Storage Facilities Capital Charge [4.7]	41.04	31.22	-23.94%
Common Facilities Capital Charge [4.8]	98.34	90.88	-7.58%
Sonoma Aqueduct Facilities Capital Charge	142.68	130.50	-8.54%
TOTAL	1001.05	1048.79	4.77%

SONOMA COUNTY WATER AGENCY
RUSSIAN RIVER CONSERVATION CHARGE COMPUTATION

FISCAL YEAR 2019-20

PROPERTY ASSESSMENT VALUES AS OF FY18-19:

TAX CODE	ENTITY	SECURED	UNSECURED	TOTAL VALUE
14000	Forestville Co Water District	430,971,180	2,266,294	\$433,237,474
42800	City of Cotati	1,111,279,998	26,992,115	1,138,272,113
43500	City of Petaluma	9,918,133,226	419,182,388	10,337,315,614
43800	City of Rohnert Park	5,240,794,119	142,006,572	5,382,800,691
44500	City of Santa Rosa	23,443,543,047	736,367,869	24,179,910,916
45000	City of Sonoma	2,755,563,613	66,766,967	2,822,330,580
N/A	Valley of the Moon Water District	3,433,868,842	24,948,881	3,458,817,723
TOTAL		\$46,334,154,025	\$1,418,531,086	\$47,752,685,111

Notes:

- 1 Total value of secured and unsecured property in service areas of Prime Water Contractors of Sonoma County (see above) \$47,752,685,111
- 2 2016-17 Sonoma County tax rate per \$100 of full cash value assessed for payment of Warm Springs Dam Project Obligations 0.007
- 3 Total tax levied on citizens residing in service areas of Prime Water Contractors of Sonoma County, i.e., (Line 1/100) x Line 2 \$3,342,688
- 4 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. 32,743.98
- 5 Total Russian River Conservation Charge per Acre Foot (Line 3 / Line 4) \$102.09

Russian River Projects Charge
Historical calculations

RR Conservation Charge
Historical calculations

For FY	Calculated	Actual Charge	
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

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

		DELIVERING AQUEDUCT				Monthly
		Santa Rosa	Petaluma	Forestville	Sonoma	Total
36	Jan-16	1,026.5	1,393.9	20.0	202.9	2,643.3
35	Feb-16	1,043.1	1,167.6	16.5	174.4	2,401.6
34	Mar-16	1,177.1	1,375.0	21.8	197.9	2,771.8
33	Apr-16	1,069.9	1,559.4	21.7	262.8	2,913.7
32	May-16	1,185.9	1,961.3	27.5	262.8	3,437.5
31	Jun-16	1,923.0	2,496.7	44.3	449.6	4,913.6
30	Jul-16	1,742.5	2,066.0	41.2	403.3	4,253.0
29	Aug-16	1,635.2	1,937.1	42.2	395.0	4,009.5
28	Sep-16	1,794.9	1,888.8	39.1	374.4	4,097.1
27	Oct-16	1,597.9	1,908.3	36.8	364.4	3,907.4
26	Nov-16	1,046.2	1,182.8	20.2	216.1	2,465.3
25	Dec-16	1,258.9	1,586.6	22.0	250.4	3,118.0
24	Jan-17	1,099.2	1,219.7	26.9	220.0	2,565.8
23	Feb-17	1,023.6	1,130.4	22.6	186.5	2,363.1
22	Mar-17	992.1	1,055.3	17.3	184.7	2,249.3
21	Apr-17	1,086.7	1,777.0	22.3	215.7	3,101.7
20	May-17	1,416.0	2,095.9	30.7	348.9	3,891.5
19	Jun-17	1,627.3	2,280.7	34.6	391.6	4,334.2
18	Jul-17	2,295.9	2,711.9	52.3	584.6	5,644.7
17	Aug-17	1,678.8	2,246.2	43.3	450.1	4,418.4
16	Sep-17	2,250.3	2,634.2	51.6	546.3	5,482.4
15	Oct-17	1,788.9	2,170.0	42.7	445.3	4,446.9
14	Nov-17	1,123.1	1,350.7	25.4	257.4	2,756.7
13	Dec-17	1,107.6	1,268.4	20.9	196.0	2,593.0
12	Jan-18	1,307.1	1,496.0	25.4	228.5	3,057.1
11	Feb-18	1,097.9	1,292.8	20.2	210.7	2,621.6
10	Mar-18	1,059.5	1,691.3	19.3	179.0	2,949.0
9	Apr-18	1,361.0	2,012.0	27.2	267.7	3,667.9
8	May-18	1,475.9	2,043.2	29.0	340.3	3,888.4
7	Jun-18	1,825.4	2,338.6	37.5	406.5	4,608.0
6	Jul-18	2,244.4	2,877.4	53.4	577.1	5,752.3
5	Aug-18	1,748.3	2,239.0	47.9	446.1	4,481.3
4	Sep-18	1,681.1	2,073.3	44.8	411.1	4,210.4
3	Oct-18	1,931.3	2,273.1	43.0	449.9	4,697.3
2	Nov-18	1,409.2	1,759.8	28.8	329.2	3,527.0
1	Dec-18	1,326.0	1,720.4	24.2	299.4	3,370.1
Total Deliveries		52,457.8	66,280.8	1,144.5	11,726.6	131,609.7
3-Year Annual Average		17,485.9	22,093.6	381.5	3,908.9	43,869.9
Past 12 Months		18,467.2	23,816.8	400.7	4,145.5	46,830.2
Total Deliveries		52,457.8	66,280.8	1,144.5	11,726.6	131,609.7
Less: North Marin			17,133.7			17,133.7
Marin Municipal			15,808.6			15,808.6
Sonoma Co. Deliveries		52,457.8	33,338.5	1,144.5	11,726.6	98,667.4
3-Year Annual Average		17,485.9	11,112.8	381.5	3,908.9	32,889.1

SONOMA COUNTY WATER AGENCY
SCHEDULE OF ACTUAL PRIOR 12 MONTHS WATER DELIVERIES IN ACRE FEET (BY CUSTOMER TYPE)
JANUARY THROUGH DECEMBER

CY2017 CY2017

SONOMA COUNTY WATER AGENCY
ACTUAL WATER DELIVERY DISTRIBUTION BY AQUEDUCT (ACRE FEET)
PRIOR 12 MONTHS

Aqueduct No.														**** DELIVERING AQUEDUCT ****				TOTAL					
														Santa Rosa	Petaluma	Sonoma	TOTAL						
PRIMES														DELIVERED TO:									
1	City of Santa Rosa	1,245.8	1,041.5	1,013.1	1,311.5	1,417.9	1,762.2	2,130.6	1,663.9	1,607.0	1,859.6	1,356.4	1,280.1	17,689.3	CITY OF SANTA ROSA (A)								
2	City of Petaluma	538.1	525.2	461.7	607.4	668.8	789.3	1,083.8	865.6	806.0	863.6	617.0	570.7	8,397.2	Jan 2018		0.0	258.8	1,245.8				
2	North Marin Water Dist.	493.5	388.6	500.1	512.6	416.3	650.7	805.4	679.9	597.0	586.2	521.9	484.2	6,636.3	Feb 2018	830.8	0.0	210.7	1,041.5				
2	City of Rohnert Park	204.3	169.1	204.4	243.3	224.1	268.3	364.3	267.2	273.4	316.6	241.0	191.7	2,967.7	Mar 2018	804.0	0.0	209.1	1,013.1				
2	City of Cotati	31.5	23.4	23.9	27.1	23.4	46.9	77.9	54.9	51.5	64.0	38.7	29.2	492.5	Apr 2018	1,044.9	0.0	266.5	1,311.5				
1	Town of Windsor	48.0	43.8	33.0	34.7	39.4	37.1	71.6	45.9	40.2	41.9	36.0	33.2	504.7	May 2018	1,143.0	0.0	274.8	1,417.9				
4	City of Sonoma	94.3	105.8	100.3	140.2	166.0	210.0	289.0	208.4	193.4	194.4	133.6	125.5	1,960.9	Jun 2018	1,477.9	0.0	284.3	1,762.2				
4	Valley of the Moon Dist.	121.5	96.1	73.8	121.6	156.4	184.2	265.6	219.0	202.2	242.1	186.5	168.4	2,037.1	Jul 2018	1,664.9	0.0	465.7	2,130.6				
TOTAL PRIMES																		40,685.8	Aug 2018	1,263.5	0.0	400.3	1,663.9
OTHER AGENCY CUSTOMERS																			Sep 2018	1,247.9	0.0	359.1	1,607.0
1	Larkfield Water Co	13.0	12.2	11.3	14.0	15.8	19.9	33.5	31.9	28.9	26.5	15.8	12.4	235.3	Oct 2018	1,477.5	0.0	382.1	1,859.6				
2	Penngrove Water Co	11.8	10.0	9.5	13.2	15.3	18.8	26.3	19.7	18.4	19.2	13.6	12.0	187.7	Nov 2018	1,080.7	0.0	275.7	1,356.4				
4	Lawndale Mutual	1.9	1.6	1.9	2.4	4.5	5.3	7.7	6.9	6.0	7.0	4.8	2.4	52.2	Dec 2018	1,032.2	0.0	247.9	1,280.1				
4	Kenwood Village Water Co	0.2	1.4	0.3	0.5	0.4	0.7	0.6	1.2	1.0	0.5	0.4	0.4	7.6	TOTAL SANTA ROSA								
3	Forestville Co Water Dist.	25.4	20.2	19.3	27.2	29.0	37.5	53.4	47.9	44.8	43.0	28.8	24.2	400.7									
1	Other Gov-Santa Rosa Aq	0.2	0.2	0.2	0.2	0.0	0.3	0.5	0.4	0.4	0.4	0.3	0.2	3.3	OTHER PRIME CONTRACTORS (B)								
2	Other Gov-Petaluma Aq	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CITY OF PETALUMA								
4	Other Gov-Sonoma Aq	0.6	0.5	0.5	0.5	1.1	1.3	1.8	1.6	1.8	1.6	1.2	0.6	13.3	NORTH MARIN WATER DISTRICT								
TOTAL OTHER AGY. CUST																		900.2	CITY OF ROHNERT PARK				
OFF-PEAK CUSTOMERS																			CITY OF COTATI				
2	Marin Municipal	216.8	176.6	491.6	608.4	695.2	564.6	519.7	351.7	327.0	423.4	327.7	432.6	5,135.3	TOWN OF WINDSOR								
SURPLUS CUSTOMERS																			CITY OF SONOMA				
1	Irrigation-Santa Rosa Aq	0.1	0.2	2.0	0.6	2.9	5.9	8.2	6.3	4.6	2.9	0.7	0.1	34.5	VALLEY OF THE MOON DISTRICT								
2	Irrigation-Petaluma Aq	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TOTAL OTHER PRIME CONTRACTORS								
4	Irrigation-Sonoma Aq	10.1	5.2	2.2	2.6	11.9	5.1	12.4	9.0	6.7	4.3	2.8	2.1	74.4									
TOTAL SURPLUS CUST.																		108.9	TOTAL DELIVERIES TO PRIMES				
TOTAL DELIVERIES																		46,830.2	LESS: NORTH MARIN				
																			TOTAL SONOMA COUNTY DELIVERIES				

FY 2019-20 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
<u>WATER SALES - O&M</u>			
1 PRIMES without Subcharges	37,571.4	615.20	23,113,947
2 OTHER AGENCY CUSTOMERS	936.1	1,104.55	1,033,998
3 MARIN MUNICIPAL (OFF-PEAK)	4,300.0	785.32	3,376,882
4 MARIN MUNICIPAL (SUPPLEMENTAL)	969.5	785.32	761,385
5 SURPLUS CUSTOMERS	92.8	769.04	71,387
TOTAL WATER SALES - O&M	43,869.9	N/A	\$28,357,599

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
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	43,869.9	1.14	50,000
1b Watershed Planning/Restoration Sub-charge [4.14]	43,869.9	102.96	4,516,770
1c Recycled Water & Local Supply Sub-charge [4.15]	43,869.9	2.96	130,013
1d Water Conservation Sub-charge [4.16]	43,869.9	46.94	2,059,207
TOTAL WATER SALES - Subcharges	43,869.9	N/A	\$6,755,990

FY 2019-20 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
<u>WATER SALES - O&M</u>			
1 SANTA ROSA AQUEDUCT	17,485.9	615.20	10,757,347

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	17,485.9	1.14	19,929
1b Watershed Planning/Restoration Sub-charge [4.14]	17,485.9	102.96	1,800,322
1c Recycled Water & Local Supply Sub-charge [4.15]	17,485.9	2.96	51,821
1d Water Conservation Sub-charge [4.16]	17,485.9	46.94	820,771
TOTAL WATER SALES - Subcharges	17,485.9	N/A	\$2,692,843

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	17,485.9	27.00	472,120
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	17,485.9	31.22	545,862
Common Facilities Capital Charge [4.8]	17,485.9	90.88	1,589,097
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	17,485.9	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	17,485.9	N/A	\$2,607,079

TOTAL ESTIMATED REVENUE

\$16,057,269

FY 2019-20 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
<u>WATER SALES - O&M</u>			
1 PETALUMA AQUEDUCT	22,093.6	615.20	13,591,992

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	22,093.6	1.14	25,181
1b Watershed Planning/Restoration Sub-charge [4.14]	22,093.6	102.96	2,274,720
1c Recycled Water & Local Supply Sub-charge [4.15]	22,093.6	2.96	65,477
1d Water Conservation Sub-charge [4.16]	22,093.6	46.94	1,037,051
TOTAL WATER SALES - Subcharges	22,093.6	N/A	\$3,402,429

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	22,093.6	27.00	596,527
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	22,093.6	31.22	689,701
Common Facilities Capital Charge [4.8]	22,093.6	90.88	2,007,837
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	22,093.6	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	22,093.6	N/A	\$3,294,065

TOTAL ESTIMATED REVENUE

\$20,288,486

FY 2019-20 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
<u>WATER SALES - O&M</u>			
1 SONOMA AQUEDUCT	3,908.9	615.20	2,404,738

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	3,908.9	1.14	4,455
1b Watershed Planning/Restoration Sub-charge [4.14]	3,908.9	102.96	402,451
1c Recycled Water & Local Supply Sub-charge [4.15]	3,908.9	2.96	11,584
1d Water Conservation Sub-charge [4.16]	3,908.9	46.94	183,478
TOTAL WATER SALES - Subcharges	3,908.9	N/A	\$601,968

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	3,908.9	27.00	105,539
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	3,908.9	31.22	122,024
Common Facilities Capital Charge [4.8]	3,908.9	90.88	355,233
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	3,908.9	130.50	510,089
TOTAL WATER SALES - Capital & Bond and Loan Charges	3,908.9	N/A	\$1,092,885

TOTAL ESTIMATED REVENUE

\$4,099,591

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	4,901,253	7,779,311		7,673,489		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	176,629	320,000	64,350	170,250	105,900	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(38,409)	75,000	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
SUBTOTAL	138,220	395,000	64,350	170,250	105,900	164.57%

INTERGOVERNMENTAL REVENUES

42282 State CalOES Disaster Funding	10,988	0	0	0	0	N/A
42284 State Cal OES Admin Allowance	4,557	0	0	0	0	N/A
42358 State Other Funding	0	0	0	0	0	N/A
42441 Federal FEMA Disaster Funding	49,882	0	0	0	0	N/A
42461 Federal Other Funding	77,002	0	0	0	0	N/A
42610 Other Governmental Agencies	49,277	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
SUBTOTAL	191,705	0	0	0	0	N/A

CHARGES FOR SERVICES

45062 Construct/Bldg Permit Rvw Svcs	0	8	0	0	0	N/A
45065 Inspection Fees	0	0	0	0	0	N/A
45223 Sewer/Water Hook up Fees	23,820	9,925	0	0	0	N/A
45301 Charges for Services	4,003	0	0	0	0	N/A
45314 Sale - Power	144,524	200,000	100,000	100,000	0	0.00%
45315 Sale - Water, Wholesale	27,145,124	25,575,031	25,575,031	28,357,599	2,782,568	10.88%
45316 Water Conservation	2,069,795	1,886,222	1,886,222	2,059,207	172,985	9.17%
45323 Common Fac Rev Bond Chg	2,353,556	3,365,157	3,365,157	3,310,088	(55,069)	(1.64%)
45324 Storage Fac Rev Bond Chg	1,461,558	1,283,085	1,283,085	1,023,809	(259,276)	(20.21%)
45325 Sonoma Aqueduct Rev Bond Chg	343,678	528,885	528,885	510,089	(18,796)	(3.55%)
45327 Santa Rosa Aqueduct Cap Chg	531,149	407,973	407,973	561,741	153,768	37.69%
45328 Petaluma Aqueduct Cap Chg	287,126	225,359	225,359	328,090	102,731	45.59%
45329 Sonoma Aqueduct Cap Chg	145,190	0	0	100,262	100,262	N/A
45330 North Marin Rev Bond Chg	298,080	290,814	290,814	329,604	38,791	13.34%
45331 Water Mgmt Plan/Restore Chg	148,488	41,772	41,772	50,000	8,228	19.70%
45332 Watershed Plan/Restore Chg	4,085,664	3,803,623	3,803,623	4,516,770	713,147	18.75%
45333 Recycled Water & Local Supply	473,349	122,000	122,000	130,013	8,013	6.57%
45401 Revenue Appl PY Chgs for Svcs	0	0	0	0	0	N/A
SUBTOTAL	39,515,103	37,739,854	37,629,921	41,377,273	3,747,352	9.96%

Miscellaneous Revenues

46027 Insurance Claims Reimbursement	1,953	0	0	0	0	N/A
46029 Donations/Contributions	2,750,000	0	0	0	0	N/A

Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
46040 Miscellaneous Revenue	6,566	1,200	0	0	0	N/A
46041 Discounts Earned	1,292	1,500	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	2,405	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	21,537	100	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
SUBTOTAL	2,783,753	2,800	0	0	0	N/A
<u>OTHER FINANCING SOURCES</u>						
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
SUBTOTAL	0	0	0	0	0	0
TOTAL REVENUES	42,628,781	38,137,654	37,694,271	41,547,523	3,853,252	10.22%

EXPENDITURES

SERVICES AND SUPPLIES

51031 Waste Disposal Services	58	3,000	3,000	3,000	0	0.00%
51032 Janitorial Services	6,240	6,000	6,000	6,000	0	0.00%
51061 Maintenance - Equipment	1,025,552	1,254,390	993,000	1,159,000	166,000	16.72%
51071 Maintenance - Bldg & Improve	0	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
51205 Advertising/Marketing Svc	3,030	500	500	500	0	0.00%
51209 Information Tech Svc (non ISD)	17	1,500	1,500	1,500	0	0.00%
51211 Legal Services	6,592	12,000	12,000	12,000	0	0.00%
51212 Outside Counsel - Legal Advice	366	4,500	4,500	4,500	0	0.00%
51214 Agency Extra/Temp Help	0	1,000	1,000	1,000	0	0.00%
51226 Consulting Services	0	0	0	0	0	N/A
51230 Security Services	1,931	1,100	4,320	4,320	0	0.00%
51231 Testing/Analysis	117,955	135,000	135,000	135,000	0	0.00%
51241 Outside Printing and Binding	2,324	2,000	2,000	2,000	0	0.00%
51242 Bank Charges	11	30	0	50	50	N/A
51244 Permits/License/Fees	69,304	60,000	60,000	60,000	0	0.00%
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	387,655	360,000	400,000	400,000	0	0.00%
51421 Rents and Leases - Bldg/Land	1,489	1,500	1,500	1,500	0	0.00%
51601 Training Services	12,860	20,000	14,000	20,000	6,000	42.86%
51602 Business Travel/Mileage	6,047	8,000	5,000	10,000	5,000	100.00%
51605 Private Car Expense	572	1,500	1,500	1,500	0	0.00%
51801 Other Services	7,949	18,000	16,000	18,000	2,000	12.50%
51803 Other Contract Services	1,812,536	3,655,040	1,648,580	5,211,500	3,562,920	216.12%
51902 Telecommunication Usage	90,914	90,000	90,000	90,000	0	0.00%
51911 Mail Services	3	300	300	300	0	0.00%
51917 District Operations Chgs	14,469,209	14,500,000	14,500,000	14,935,000	435,000	3.00%

Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
51921 Equipment Usage Charges	934,572	900,000	900,000	950,000	50,000	5.56%
52021 Clothing, Uniforms, Personal	14,421	13,000	13,000	13,000	0	0.00%
52031 Food	94	700	700	700	0	0.00%
52042 Janitorial Supplies	1,191	2,000	2,000	2,000	0	0.00%
52061 Fuel/Gas/Oil	3,588	9,000	9,000	9,000	0	0.00%
52071 Materials and Supplies Expense	4,528	120,000	3,000	3,000	0	0.00%
52072 Chemicals	808,174	675,000	690,000	700,000	10,000	1.45%
52081 Medical/Laboratory Supplies	24,167	25,000	25,000	25,000	0	0.00%
52091 Memberships/Certifications	37,688	45,000	45,000	42,000	(3,000)	(6.67%)
52101 Other Supplies	(525)	20,000	10,000	5,000	(5,000)	(50.00%)
52111 Office Supplies	9,562	12,000	10,000	12,000	2,000	20.00%
52115 Books/Media/Subscriptions	1,873	1,500	1,500	1,500	0	0.00%
52117 Mail and Postage Supplies	5,174	3,000	3,000	3,000	0	0.00%
52141 Minor Equipment/Small Tools	142,135	180,000	180,000	176,000	(4,000)	(2.22%)
52142 Computer Equipment/Accessories	2,206	6,000	6,000	6,000	0	0.00%
52143 Computer Software/Licensing Fees	31,541	30,000	30,000	40,000	10,000	33.33%
52162 Special Department Expense	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
52191 Utilities	417	500	500	500	0	0.00%
52193 Utilities - Electric	3,444,045	3,300,000	3,300,000	3,400,000	100,000	3.03%
SUBTOTAL	23,487,466	25,478,060	23,128,400	27,465,370	4,336,970	18.75%
OTHER CHARGES						
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	215,316	241,500	241,500	54,000	(187,500)	(77.64%)
53402 Depreciation Expense	6,284,727	7,342,500	7,342,500	7,982,000	639,500	8.71%
53403 Loss - Disposed Capital Asset	0	50	0	0	0	N/A
53500 Contributions Non-County Agy	0	0	0	0	0	N/A
53501 Contributions	0	0	0	0	0	N/A
53610 Other Charges	0	0	0	0	0	N/A
SUBTOTAL	6,500,043	7,584,050	7,584,000	8,036,000	452,000	5.96%
FIXED ASSETS						
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	0	0	0	0	N/A
19840 Work in Progress - Eqt	113,366	0	0	0	0	N/A
19841 Work in Progress - Intang	127,961	161,000	160,000	30,000	(130,000)	(81.25%)
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	241,326	161,000	160,000	30,000	(130,000)	(81.25%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	11,657,054	12,604,367	13,620,702	13,193,051	(427,651)	(3.14%)
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	11,657,054	12,604,367	13,620,702	13,193,051	(427,651)	(3.14%)

Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
APPROP. FOR CONTINGENCIES						
55011 Appropriation for Contingency	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
REMIBURSEMENTS						
58010 Reimb. - General	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
ADMIN. CONTROL ACCOUNT						
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
TOTAL EXPENDITURES	41,885,889	45,827,477	44,493,102	48,724,421	4,231,319	9.51%
Adjustments to Reserves/Encumbrances:						
Depreciation	6,500,043	7,584,000		8,036,000		
Donated Asset (Caltrans)	(2,750,000)					
Outstanding Encumbrances - Net Change	(1,653,285)	0				
Capitalized Interest	0					
Gain/Loss on disposal of fixed assets	0					
Unrealized Gain/ Loss (GASB 31)	38,409					
Change in Prudent Reserve						
Post audit adjustments - Payables	0					
Rounding	(1)					
ENDING FUND BALANCE	7,779,311	7,673,489		8,532,590		
Operations and Maintenance 44205 Fund Balance Reserve Goal				6,873,843		
Over/(Under) Goal				1,658,747		

Water Transmission System Agency Fund
Major Services & Supplies Expenditure Items

Fund/Department No:

44205

33040100

	Actual FY17-18	Adopted FY18-19	Requested FY19-20	Difference	Percent Change
<u>51061 Maintenance - Equipment</u>	1,025,552	993,000	1,159,000	166,000	16.7%
Increase due to implementation of maintenance projects deferred during the drought.					
<u>51211 Legal Services</u>	6,592	12,000	12,000	0	0.0%
Reflects level of expected expenditures.					
<u>51231 Testing/Analysis</u>	117,955	135,000	135,000	0	0.0%
Expected to align with FY2018-2019 budget.					
<u>51803 Other Contract Services</u>	1,812,536	1,648,580	5,211,500	3,562,920	216.1%
Increase due to tank maintenance, asset management services, and tank recoat contracts as well as regional water supply resiliency study and fire-related water quality studies.					
<u>51917 District Operations Chgs</u>	14,469,209	14,500,000	14,935,000	435,000	3.0%
Increase attributable to a 3% cost of living increase.					
<u>51921 Equipment Usage Charges</u>	934,572	900,000	950,000	50,000	5.6%
Reflects level of expected expenditures.					
<u>52072 Chemicals</u>	808,174	690,000	700,000	10,000	1.4%
Expected to increase \$10,000 over Fiscal Year 2018-2019 due to increased water deliveries.					
<u>52141 Minor Equipment/Small Tools</u>	142,135	180,000	176,000	(4,000)	-2.2%
Expected to decrease to align more closely with Fiscal Year 2017-2018 actuals.					
<u>52193 Utilities - Electric</u>	3,444,045	3,300,000	3,400,000	100,000	3.0%
Expected to increase \$100,000 over Fiscal Year 2018-2019 budget due to increased pumping from higher water deliveries.					

2019-20

Water Transmission System Agency Fund

51061	Maintenance - Equipment	AMOUNT
1	Collector 6 Drainage Repair	34,500
2	CT Compliance	100,000
3	Electrical Supplies and Maintenance Services	355,000
4	Hardware and Miscellaneous Supplies	50,000
5	Mirabel Collector 3 Blowoff Valve	23,000
6	Mirabel Collector 4 Blowoff Valve	23,000
7	Mirabel Collector 5 replace 150 valves, replace meters Q paced	250,000
8	Mirabel Infiltration Pond Rehab	23,000
9	Mirabel Fish Screens Maintenance	5,000
10	Mirabel/Wohler Chlorine Gas Detection	57,500
11	Pump and Pipeline Supplies and Maintenance Services	50,000
12	Riverfront Park Erosion Repairs	118,000
13	Riverfront Park Levee Repairs	30,000
14	Santa Rosa Plain Well Monitoring Program (SCWA Wells)	25,000
15	WT Monitoring Well Pressure Transducers	15,000
		\$ 1,159,000

51803	Other Contract Services	AMOUNT
1	Aqueduct Condition Assessments	175,000
2	As-Needed Dive Services	50,000
3	Asset Management	250,000
4	Riverfront Park Maintenance	140,000
5	Sonoma Youth Ecology Corps	32,000
6	Tank Recoat - Forestville	180,000
7	Tank Maintenance	3,000,000
8	Wohler-Mirabel Collector Wells - Liquefaction Mitigation	100,000
9		
10		
11	Community Outreach Program	10,000
12	Integrated Water Management Plan	
13	Bay Area	5,500
14	North Coast	35,000
15	Invasive Mussel Program	60,000
16	Legislative Advocacy - Federal	95,000
17	Legislative Advocacy - State	50,000
18	Mirabel Fish Screens Educational Displays	80,000
19	North Bay Water Regional Outreach Coordination	25,000
20		
21		
22	Groundwater Banking Feasibility - Pilot Studies	200,000
23	Watershed Water Quality Monitoring - USGS	175,000
24	Watershed and Riverbank Filtration Water Quality Studies	225,000
25	Regional Water Supply Resiliency Study	300,000
26	Stream Gauge Network (OneRain) - Mirabel	24,000
		\$ 5,211,500

51803 Other Contract Services Project Information

FY19-20

Aqueduct Condition Assessments

This program is evaluating technologies and approaches to assess the integrity of the water transmission system pipelines. A variety of inspection technologies have been evaluated with pilot-testing conducted in sections of the Santa Rosa Aqueduct, Sonoma Aqueduct, and Oakmont Pipeline. In the upcoming year, additional inspections are planned, as well as the development of a system-wide inspection plan to define and prioritize pipeline inspection projects.

\$175,000

Groundwater Banking Feasibility Study

A Feasibility Study for a Groundwater Banking Program was prepared in 2013 for the Water Agency in partnership with the City of Sonoma, Valley of the Moon Water District, City of Cotati, City of Rohnert Park, and Town of Windsor. The Feasibility Study identified opportunities to improve long-term water supply reliability in Sonoma Valley and the Santa Rosa Plain by utilizing wintertime Russian River supplies and existing conveyance infrastructure to meet dry period water needs. The Feasibility Study concluded that aquifer storage and recovery wells are the most feasible method for implementing groundwater banking in the region. The next step in demonstrating the feasibility of Aquifer Storage and Recovery (ASR) is to perform a pilot study to: (1) assess the ability of local aquifers to store water; (2) assess potential water quality changes during ASR; (3) refine permitting parameters for ASR projects; and (4) provide data to scope and develop long-term groundwater banking programs. An ASR Pilot Study was performed in Sonoma Valley in 2018 in partnership with the City of Sonoma utilizing previously budgeted funds from FY 15/16 and 16/17. Work related to the ASR pilot study performed in FY 17/18 and 18/19 included preparation and submittal of a work plan and permit application packet to the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) and performance of the pilot study following issuance of the permit from the SFRWQCB in March 2018. The ASR pilot study was conducted between March and September 2018 and involved the injection, storage and recovery of approximately 12 acre-feet of drinking water through a 230 foot deep test well during three cycles of injection, storage, and recovery. A high frequency of groundwater-level and water quality monitoring were performed throughout the pilot study and successfully demonstrated the potential for local implementation of ASR. Remaining work being conducted in FY 18/19 includes further evaluation of pilot study data, reporting, and assessment of next steps for groundwater banking. Based on the pilot study's success in demonstrating the feasibility of ASR, an additional pilot or subsequent testing of the existing pilot (as needed) would be planned for the Santa Rosa Plain or Sonoma Valley. Funds expected to be expended in FY 19/20 would support additional planning, monitoring well construction and permitting for subsequent ASR Pilot Study testing in either the Santa Rosa Plain or Sonoma Valley.

\$200,000

Watershed Water Quality Monitoring - USGS

Fund ongoing work being performed by the United States Geological Survey to: (1) assess temporal and spatial variability in microbial communities within aquifer sediments and the water column using DNA-based molecular techniques; (2) employ modified seepage meters and drive point samplers within the Russian River and infiltration ponds to compare the removal of bacteria and microspheres under natural and dissolved organic carbon-amended conditions; and (3) conduct detailed laboratory investigations in order to provide comparisons of dissolved organic carbon changes, including those caused by potential wildfire events, seasonal flow changes, and sediment characteristics which may affect removal efficiencies of sediments for pathogens. Information from the study will assist the Water Agency in securing a safe and reliable supply of drinking water for its customers by providing: (1) a scientific basis for demonstrating the seasonal removal efficiency associated with the riverbank filtration system; and (2) data and guidance to assist in preparing for potential future events, including wildfires.

\$175,000

Watershed and Riverbank Filtration Water Quality Studies

LBNL has developed and tested a numerical model that could simulate biological-physical feedbacks in the hyporheic zone and groundwater system at Wohler. LBNL used the model to explore different initial conditions in terms of dissolved organic carbon (DOC) availability, sediment characteristics, mineralogy, and stochastic variability in aerobic and anaerobic conditions induced through water table fluctuations. LBNL results show the fate of DOC, the potential suite of microbial behaviors that benefit water reaching the Wohler wells, and that the riverbed sediments and the cumulative effect of water table conditions can change system functionality and filtration efficacy. Funds to be expended in FY 18/19 will be used to: 1) help launch the water quality sampling program to assess potential impacts to the Water Agency's drinking water facilities resulting from the recent wildfire activity, 2) conduct spatial and temporal water quality analysis at the Wohler, Mirabel, and larger watershed scale. 3) assess impacts of hyporheic processing, microbial community dynamics from upstream to downstream that may change infiltration quantity/quality arriving at Wohler, and eventually the wells, 4) extend reactive transport modeling capabilities across a watershed-scale, network-based lumped flow+reactive transport model, and 5) provide subsurface flow, reactive transport, and microbial modeling capabilities for the USGS experimental laboratory microcosms to analyze the effect of fire ash leachate on groundwater quality and potential implications to Wohler infiltration. USGS will continue ongoing work evaluating potential water impacts to Russian River and reliability of Water Agency's riverbank filtration system.

\$225,000

51803 Other Contract Services Project Information

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.

\$300,000

Funds expended in FY 18/19 will be used to develop a work plan in cooperation with the Water Agency's Water Contractors. Funds budgeted for FY 19/20 will be expended on building the model and running scenarios.

DRAFT

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Water Management Planning

Fund/Department No:

44210

33041000

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	403,626	573,620		599,327		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	7,879	3,003	3,003	7,945	4,942	164.57%
44050 Unrealized Gains and Losses	(1,449)	3,500	0	0	0	N/A
SUBTOTAL	6,430	6,503	3,003	7,945	4,942	164.57%
INTERGOVERNMENTAL REVENUE						
42619 Town of Windsor	9,547	2,432	2,432	2,772	340	13.97%
SUBTOTAL	9,547	2,432	2,432	2,772	340	13.97%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	148,353	41,772	41,772	50,000	8,228	19.70%
47102 Transfers In - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	148,353	41,772	41,772	50,000	8,228	19.70%
TOTAL REVENUES	164,331	50,707	47,207	60,717	13,510	28.62%
EXPENDITURES						
SERVICES AND SUPPLIES						
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	36,113	20,000	20,000	0	(20,000)	(100.00%)
51917 District Operations Chgs	1,049	5,000	5,000	50,000	45,000	900.00%
51921 Equipment Usage Charges	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
SUBTOTAL	37,162	25,000	25,000	50,000	25,000	100.00%
OTHER CHARGES						
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
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	0	0	338,000	0	N/A
57012 Transfers Out - btw Govtl Fu	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	338,000	0	N/A
TOTAL EXPENDITURES	37,162	25,000	25,000	388,000	25,000	100.00%
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	41,376	0		0		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	1,449	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	573,620	599,327		272,044		

FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title:

Watershed Planning/Restoration

Fund/Department No:

44215

33041100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	4,450,538	6,531,041		5,384,106		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	124,777	100,000	25,740	68,100	42,360	164.57%
44050 Unrealized Gains and Losses	(19,474)	50,600	0	0	0	N/A
SUBTOTAL	105,303	150,600	25,740	68,100	42,360	164.57%
INTERGOVERNMENTAL REVENUE						
42461 Federal Other Funding	43,378	206,862	206,862	75,000	(131,862)	(63.74%)
42619 Town of Windsor	262,696	221,473	221,473	250,395	28,922	13.06%
SUBTOTAL	306,073	428,335	428,335	325,395	(102,940)	(24.03%)
CHARGES FOR SERVICES						
45332 Watershed Plan/Restore Chg	0	37,000	0	40,000	40,000	N/A
Subtotal Charges for Service	0	37,000	0	40,000	40,000	N/A
MISCELLANEOUS REVENUE						
46021 Capital Grants - Federal	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
46050 Cancelled/Stale Dated Warrant	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revent	1,076	1,200	0	0	0	N/A
SUBTOTAL	1,076	1,200	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	4,081,955	3,803,623	3,803,623	4,516,770	713,147	18.75%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	4,081,955	3,803,623	3,803,623	4,516,770	713,147	18.75%
TOTAL REVENUES	4,494,408	4,420,758	4,257,698	4,950,265	692,567	16.27%
EXPENDITURES						
SERVICES AND SUPPLIES						
51021 Communication Expense	0	0	0	0	0	N/A
51061 Maintenance - Equipment	10,882	6,000	0	0	0	N/A
51205 Advertising Marketing	16	500	0	0	0	N/A
51209 Information Tech Svc (non ISD)	160	175	0	0	0	N/A
51211 Legal Services	8,883	10,000	0	0	0	N/A
51212 Legal Services - External	9,541	7,000	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	50,791	55,000	0	80,000	80,000	N/A
51241 Outside Printing and Binding	1,140	0	0	0	0	N/A
51244 Permits/License/Fees	3,355	0	0	0	0	N/A
51401 Rents and Leases - Equipment	10,795	10,000	0	0	0	N/A
51601 Training/Conference	39	100	0	0	0	N/A
51602 Business Travel/Mileage	2,881	500	0	0	0	N/A
51605 Private Car Expense	309	1,000	0	0	0	N/A
51801 Other Services	0	0	0	0	0	N/A
51803 Other Contract Services	1,116,323	2,797,211	1,373,000	742,000	(631,000)	(45.96%)

Section Title:

Watershed Planning/Restoration

Fund/Department No:

44215

33041100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
51902 Telecommunication Usage	315	250	0	0	0	N/A
51917 District Operations Chgs	1,642,373	2,522,347	2,483,000	2,468,000	(15,000)	(0.60%)
51921 Equipment Usage Charges	25,853	22,000	0	0	0	N/A
52021 Clothing, Uniforms, Personal	2,022	2,300	0	0	0	N/A
52031 Food	68	1,600	0	0	0	N/A
52042 Janitorial Supplies	107	200	0	0	0	N/A
52043 Safety Supplies/Equipment	0	0	0	0	0	N/A
52061 Fuel/Gas/Oil	0	0	0	0	0	N/A
52063 Vehicle Parts	0	0	0	0	0	N/A
52071 Materials and Supplies Expens	1,571	1,200	0	0	0	N/A
52081 Medical/Laboratory Supplies	893	1,100	0	0	0	N/A
52091 Memberships/Certifications	107	1,600	0	0	0	N/A
52101 Other Supplies	0	0	0	0	0	N/A
52111 Office Supplies	20	50	0	0	0	N/A
52114 Freight/Postage	0	0	0	0	0	N/A
52115 Books/Media	1,906	60	0	0	0	N/A
52117 Mail and Postage Supplies	2,107	2,000	0	0	0	N/A
52141 Minor Equipment/Small Tools	3,920	3,000	0	0	0	N/A
52142 Computer Equipment/Accessori	40	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	16	500	0	0	0	N/A
SUBTOTAL	2,896,433	5,445,693	3,856,000	3,290,000	(566,000)	(14.68%)
OTHER CHARGES						
53104 Other Interest Expense	0	0	0	0	0	N/A
53402 Depreciation Expense	7,721	10,000	8,000	8,000	0	0.00%
53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	7,721	10,000	8,000	8,000	0	0
REIMBURSEMENTS						
58010 Reimb. - General	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
FIXED ASSETS						
19840 Acq-WIP-Equipment	0	60,000	0	0	0	N/A
19841 Acq-WIP-Intangibles	192,678	60,000	0	1,968,000	1,968,000	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	192,678	120,000	0	1,968,000	1,968,000	N/A
OTHER FINANCING USES						
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
TOTAL EXPENDITURES	3,096,833	5,575,693	3,864,000	5,266,000	1,402,000	36.28%
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	655,733	0				
Capital Interest	0	0				
Depreciation	7,721	8,000				
Audit Adjustment (A/P)	0	0				
Unrealized Gain/ Loss (GASB 31)	19,474	0				
Rounding		0				
ENDING FUND BALANCE	6,531,041	5,384,106		5,068,371		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Recycled Water and Local Supply

Fund/Department No:

44220

33041200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	27,648	610,386		162,323		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	16,389	16,000	6,435	17,025	10,590	164.57%
44050 Unrealized Gains and Losses	(3,072)	7,000	0	0	0	N/A
SUBTOTAL	13,317	23,000	6,435	17,025	10,590	164.57%
INTERGOVERNMENTAL REVENUE						
42358 State Other Funding	1,469	200	0	0	0	N/A
42619 Town of Windsor	30,435	7,104	7,104	7,207	103	1.46%
SUBTOTAL	31,904	7,304	7,104	7,207	103	1.46%
CHARGES FOR SERVICES						
45301 Charges for Services	0	0	0	0	0	N/A
45401 Revenue Appl PY Chgs for Svcs	140,847	0	0	0	0	N/A
SUBTOTAL	140,847	0	0	0	0	0
MISCELLANEOUS REVENUE						
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
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	472,919	122,000	122,000	468,013	346,013	283.62%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	472,919	122,000	122,000	468,013	346,013	283.62%
TOTAL REVENUES	658,987	152,304	135,539	492,245	356,706	263.18%

EXPENDITURES

SERVICES AND SUPPLIES

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	1,280	2,000	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	420	1,000	0	0	0	N/A
51401 Rents and Leases - Equipment	0	0	0	0	0	N/A
51601 Training Services	475	1,000	0	0	0	N/A
51602 Business Travel/Mileage	0	0	0	0	0	N/A
51803 Other Contract Services	223,410	100,000	0	0	0	N/A
51902 Telecommunication Usage	0	0	0	0	0	N/A
51915 ISD - Reprographics Services	0	0	0	0	0	N/A
51917 District Operations Chgs	52,374	0	0	0	0	N/A
51921 Equipment Usage Charges	935	6,000	0	0	0	N/A
52031 Food	0	200	0	0	0	N/A

Section Title:

Recycled Water and Local Supply

Fund/Department No:

44220

33041200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	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	625	1,000	0	0	0	N/A
52191 Utilities Expense	0	50	0	0	0	N/A
SUBTOTAL	279,518	111,250	0	0	0	N/A
OTHER CHARGES						
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	12,000	12,000	6,000	(6,000)	(50.00%)
53501 Contributions	0	472,013	110,000	462,013	352,013	320.01%
SUBTOTAL	5,966	484,013	122,000	468,013	346,013	283.62%
FIXED ASSETS						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	0	0	0	0	0	N/A
19841 Work in Progress - Intang	8,107	10,000	0	0	0	N/A
SUBTOTAL	8,107	10,000	0	0	0	N/A
OTHER FINANCING USES						
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
TOTAL EXPENDITURES	293,590	605,263	122,000	468,013	346,013	283.62%
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	238,739	0				
Change in Windsor Reserve	(30,435)	(7,104)				
Capital Interest	0	0		0		
Depreciation	5,966	12,000		0		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	3,072	0		0		
Rounding	(1)	0				
ENDING FUND BALANCE	610,386	162,323		186,555		

FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title:

Water Conservation

Fund/Department No:

44225

33041300

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	486,393	877,910		16,736		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	17,263	17,000	6,435	17,025	10,590	164.57%
44050 Unrealized Gains and Losses	(2,719)	6,300	0	0	0	N/A
SUBTOTAL	14,544	23,300	6,435	17,025	10,590	164.57%
INTERGOVERNMENTAL REVENUE						
42358 State Other Funding	183,798	332,800	185,250	185,250	0	0.00%
42461 Federal Other Funding	2,535	0	0	0	0	N/A
42610 Other Governmental Agencies	0	0	0	0	0	N/A
42611 City of Santa Rosa	4,998	0	0	0	0	N/A
42612 City of Petaluma	0	2,000	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	133,081	109,829	109,829	114,156	4,327	3.94%
42621 North Marin Water District	0	0	0	0	0	N/A
SUBTOTAL	324,412	444,629	295,079	299,406	4,327	1.47%
Charges for Services						
45301 Charges for Services	136,882	50,000	0	0	0	N/A
SUBTOTAL	136,882	50,000	0	0	0	N/A
OTHER FINANCING SOURCES						
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	137,500	137,500	117,500	(20,000)	(14.55%)
46040 Miscellaneous Revenue	1,786	0	0	0	0	N/A
46041 Discounts Earned	30	10	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	0	0	0	0	0	N/A
46204 PY Intergovmntl Rev - Other	1,608	0	0	0	0	N/A
46215 Other Grants	0	6,000	0	0	0	N/A
SUBTOTAL	3,424	143,510	137,500	117,500	(20,000)	(14.55%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	2,067,916	1,886,222	1,886,222	2,059,207	172,985	9.17%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	2,067,916	1,886,222	1,886,222	2,059,207	172,985	9.17%
TOTAL REVENUES	2,547,178	2,547,661	2,325,236	2,493,138	167,902	7.22%
EXPENDITURES						
SERVICES AND SUPPLIES						
51021 Communication Expense	0	0	0	0	0	N/A
51032 Janitorial Services	0	0	0	0	0	N/A
51061 Maintenance - Equipment	22,564	40,000	0	0	0	N/A
51205 Advertising/Marketing Svc	95,716	160,000	0	0	0	N/A
51209 Information Tech Svc (non ISD)	299	0	0	0	0	N/A
51211 Legal Services	3,328	1,000	0	0	0	N/A

Section Title:

Water Conservation

Fund/Department No:

44225

33041300

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
51214 Agency Extra/Temp Help	0	0	0	0	0	N/A
51225 Training Services	1,000	0	0	0	0	N/A
51230 Security Services	0	0	0	0	0	N/A
51241 Outside Printing and Binding	47,981	52,000	52,000	60,000	8,000	15.38%
51244 Permits/License	1,027	1,200	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	1,732	1,200	0	0	0	N/A
51601 Training Services	5,922	3,000	0	0	0	N/A
51602 Business Travel/Mileage	1,724	3,000	5,000	13,000	8,000	160.00%
51605 Private Car Expense	2,997	1,300	0	0	0	N/A
51801 Other Services	0	0	0	0	0	N/A
51803 Other Contract Services	258,606	350,000	71,800	169,800	98,000	136.49%
51902 Telecommunication Usage	0	0	0	0	0	N/A
51915 ISD Reprographics Services	0	0	0	0	0	N/A
51917 District Operations Chgs	1,460,104	1,660,922	1,660,922	1,503,907	(157,014)	(9.45%)
51921 Equipment Usage Charges	23,704	20,000	0	0	0	N/A
52021 Clothing, Uniforms	545	0	0	0	0	N/A
52031 Food	1,942	2,000	0	0	0	N/A
52042 Janitorial Supplies	10	15	0	0	0	N/A
52061 Fuel/Gas/Oil	0	0	0	0	0	N/A
52071 Materials and Supplies Expense	66,463	40,000	5,000	75,000	70,000	1400.00%
52091 Memberships/Certifications	5,264	13,000	13,000	12,000	(1,000)	(7.69%)
52101 Other Supplies	0	0	0	0	0	N/A
52111 Office Supplies	1,936	1,600	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	1,730	100	0	0	0	N/A
52117 Mail and Postage Supplies	3,294	2,000	0	0	0	N/A
52141 Minor Equipment/Small Tools	3,864	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	3,000	691,250	691,250	528,250	(163,000)	(23.58%)
52181 Business Meals/Supplies	0	0	0	0	0	N/A
SUBTOTAL	2,014,750	3,045,587	2,498,972	2,361,957	(137,014)	(5.48%)
OTHER CHARGES						
53500 Contributions Non-County Agy	0	0	0	0	0	N/A
53501 Contributions	122,876	256,800	0	0	0	N/A
SUBTOTAL	122,876	256,800	0	0	0	N/A
OTHER FINANCING USES						
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
TOTAL EXPENDITURES	2,137,627	3,302,387	2,498,972	2,361,957	(137,014)	(5.48%)
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Chan	(39,704)	0		0		
Change in Windsor Reserve	18,948	(106,446)		0		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	2,719	0		0		
Rounding	2	(2)		0		
ENDING FUND BALANCE	877,910	16,736		147,916		

Water Transmission Budget

2019-20

Itemized Detail for Subfunds Consulting/Contractual Services

Budget
FY19-20

Water Management Planning

Water Demand Analysis/ Financial Modeling: Develop scope, cost, energy requests, and schedule of transmission system projects required to meet the Water Agency's portion of UWMP-identified projected demands through the Urban Water Management planning horizon. Projects identified using Water Agency's transmission system hydraulic model. Next UWMP due July 1, 2021. Conduct follow-up meetings, respond to DWR and contractor requests, track regulatory compliance changes, and coordinate with climate adaption strategic planning efforts.

\$ 50,000

Watershed Planning/Restoration

RRIFR Decision 1610 Change Petition: 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 impact analysis. A draft EIR was released on August 19, 2016. In FY19-20, most of the work will focus on the recirculated Draft EIR, reviewing and responding to public comments, adjustments to the proposed Hydrologic Index, and refinements to models, preparation of the final EIR, and presentation to the Board of Directors to certify. Work also includes submission of annual Temporary Urgency Change Petition to the State Board to approve the requested changes to minimum in-stream flows as identified in the Biological Opinion. 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 and certify the final EIR in FY19-20.

\$ 242,000

RRIFR Estuary Management: 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. From late spring to early fall (when flows are below 300 cfs at Hacienda Bridge), the Water Agency conducts monthly surveys of young steelhead in the estuary. Other FY19-20 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.

\$ 500,000

Water Transmission Budget

2019-20

Itemized Detail for Subfunds Consulting/Contractual Services

	Budget FY19-20
	\$ 742,000
<u>Recycled Water and Local Supply</u>	
Funding for Groundwater Management in FY 19/20 for Groundwater Sustainability activities.	\$ 100,000
	\$ 100,000
<u>Water Conservation</u>	
<u>51241-Outside Printing and Binding</u>	
WUE Program materials, water education calendar, and Green Business Program brochures, Garden Sense materials, Russian River Friendly Workshop	\$ 60,000
<u>51602-Business Travel/Mileage</u>	
Attend local and statewide meetings representing the Partnership and Sonoma Water	\$ 13,000
<u>51803-Other Contract Services</u>	
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
GardenSoft Licensing: Licensing of online Water Wise Gardening plant palate that is specific to Sonoma and Marin Counties	\$ 3,000
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	\$ 26,000
Water Education Bus Contract to shuttle kids from school to field study sites	\$ 41,800
	\$ 169,800

**Water Transmission Budget
2019-20**

Itemized Detail for Subfunds Consulting/Contractual Services

	Budget FY19-20
<u>51917-District Operations Chgs</u>	
Salaries, benefits and overhead costs for staff assigned to projects budgeted within the Water Conservation Fund.	\$ 1,503,907
<u>52071-Materials and Supplies Expense</u>	
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
<u>52091-Memberships/Certifications</u>	
Irrigation Association Certificate Renewals, Water Education Foundation, and California Water Efficiency Partnership, Alliance for Water Efficiency, etc.	\$ 12,000
<u>52171-Water Conservation Program</u>	
DWR Water Energy Restaurant Program Rebates: Direct incentives for restaurants installing efficient fixtures.	\$ 185,250
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.	\$ 30,000
Public Information/Outreach Programs: Media campaign for the Sonoma-Marin Saving Water Partnership including media ad buy, ad development, DIY toolkits	\$ 163,000
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
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
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
Sonoma County Fair: Materials and hardware that are WUE focused for distribution at the Sonoma County fair	\$ 15,000
	\$ 528,250
Total	\$ 2,361,957

FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title:
Fund/Department No:

Santa Rosa Aqueduct Capital Fund	
44230	33045000

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	6,589,988	7,165,271		6,315,503		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	93,869	21,450	21,450	56,750	35,300	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Los	(13,684)	0	0	0	0	N/A
SUBTOTAL	80,185	21,450	21,450	56,750	35,300	164.57%

MISCELLANEOUS REVENUES

46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A

ADMINISTRATIVE CONTROL ACCOUNT

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

OTHER FINANCING SOURCES

47101 Transfers In - within a F	524,147	407,973	407,973	561,741	153,768	37.69%
47102 Transfers In - btw Govtl	0	0	0	0	0	N/A
SUBTOTAL	524,147	407,973	407,973	561,741	153,768	37.69%

SPECIAL ITEMS

48004 Residual Equity Transfe	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

TOTAL REVENUES	604,331	429,423	429,423	618,491	189,068	44.03%
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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	42,732	1,279,191	50,000	0	(50,000)	(100.00%)
19840 Work in Progress - Eqt	0	0	0	0		
19841 Work in Progress - Intar	0	0	0	0		

Section Title:
Fund/Department No:

Santa Rosa Aqueduct Capital Fund

44230

33045000

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
19851 Intangible Assets - Non-	0	0	0	0		
SUBTOTAL	42,732	1,279,191	50,000	0	(50,000)	(100.00%)
OTHER FINANCING USES						
57011 Transfers Out - within a	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	42,732	1,279,191	50,000	0	(50,000)	(100.00%)

Adjustments to Reserves/Encumbrances:

Repayment of Loan to Storage	0	0	0
Unrealized Gain/ Loss (GASB 31)	0	0	0
Capitalized Interest	13,684	0	0
Rounding	0	0	0

ENDING FUND BALANCE	7,165,271	6,315,503	6,933,993
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**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Petaluma Aqueduct Capital Fund

Fund/Department No:

44235

33045100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	7,712,720	8,031,065		6,178,384		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	107,940	25,000	21,450	56,750	35,300	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(14,078)	0	0	0	0	N/A
SUBTOTAL	93,862	25,000	21,450	56,750	35,300	164.57%
ADMINISTRATIVE CONTROL ACCOUNT						
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
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	287,126	225,359	225,359	328,090	102,731	45.59%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	287,126	225,359	225,359	328,090	102,731	45.59%
TOTAL REVENUES	380,988	250,359	246,809	384,840	138,031	55.93%
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		
53403 Loss - Disposed Capital Asset	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A
FIXED ASSETS						
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	76,721	2,083,040	1,255,000	1,866,000	611,000	48.69%
19840 Work in Progress - Eqt	0	20,000	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	76,721	2,103,040	1,255,000	1,866,000	611,000	48.69%

Section Title:
Fund/Department No:

Petaluma Aqueduct Capital Fund

44235

33045100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
<u>SPECIAL ITEMS</u>						
56030 Residual Equity Transfers	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	76,721	2,103,040	1,255,000	1,866,000	611,000	48.69%
Adjustments to Reserves/Encumbrances:						
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)	14,078	0		0		
ENDING FUND BALANCE	8,031,065	6,178,384		4,697,224		

FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title:

Sonoma Aqueduct Capital Fund

Fund/Department No:

44240

33045200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	1,271,451	1,134,546		4,163,089		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	20,239	858	858	2,270	1,412	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(3,246)	0	0	0	0	N/A
SUBTOTAL	16,993	858	858	2,270	1,412	164.57%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	144,926	3,850,000	1,390,000	100,262	(1,289,738)	(92.79%)
47102 Transfers In - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	144,926	3,850,000	1,390,000	100,262	(1,289,738)	(92.79%)
SPECIAL ITEMS						
48004 Residual Equity Transfers	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL REVENUES	161,919	3,850,858	1,390,858	102,532	(1,288,326)	(92.63%)
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		
53403 Loss-Disposed Capital Asset	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A
FIXED ASSETS						
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	146,403	822,315	130,000	4,130,000	4,000,000	3076.92%
19840 Work in Progress - Eqt	0	0	0	0		
19841 Work in Progress - Intang	0	0	0	0		
19851 Intangible Assets - Non-amor	0	0	0	0		
SUBTOTAL	146,403	822,315	130,000	4,130,000	4,000,000	3076.92%
OTHER FINANCING USES						
57011 Transfers Out - within a Func	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	146,403	822,315	130,000	4,130,000	4,000,000	3076.92%

Section Title:

Sonoma Aqueduct Capital Fund

Fund/Department No:

44240

33045200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	(275,859)	0		0		
Sale or Purchase of Fixed Asset	120,192	0		0		
Unrealized Gain/ Loss (GASB 31)	3,246	0		0		
Net Adjustment - Increase/(Decrease) to f	(152,421)	0		0		
ENDING FUND BALANCE	1,134,546	4,163,089		135,622		

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**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities

Fund/Department No:

44250

33043000

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	9,782	20,239		(344,975)		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	(46)	50	0	0	0	N/A
44050 Unrealized Gains & Losses	(999)	(2,000)	(2,000)	(2,000)	0	0.00%
SUBTOTAL	(1,045)	(1,950)	(2,000)	(2,000)	0	0.00%
<u>MISCELLANEOUS REVENUE</u>						
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	0	0	0		
46022 Capital Grants - State	0	0	0	0	0	N/A
(Petaluma AQ - Caltrans Project)						
46200 PY Revenue - Miscellaneous	10,503	10,503	0	0	0	N/A
SUBTOTAL	10,503	10,503	0	0	0	N/A
<u>Administrative Control</u>						
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
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	77,066	780,000	10,000	75,000	65,000	650.00%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	77,066	780,000	10,000	75,000	65,000	650.00%
TOTAL REVENUES	86,524	788,553	8,000	73,000	65,000	812.50%
EXPENDITURES						
<u>OTHER CHARGES</u>						
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
<u>FIXED ASSETS</u>						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	73,954	1,151,767	25,000	0	(25,000)	(100.00%)
19841 Acq-WIP-Intangibles	3,112	4,000	0	0	0	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	77,066	1,155,767	25,000	0	(25,000)	(100.00%)

Section Title:

Storage Facilities

Fund/Department No:

44250

33043000

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
<u>ADMINISTRATIVE CONTROL ACCOUNT</u>						
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
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	77,066	1,155,767	25,000	0	(25,000)	(100.00%)
Adjustments to Reserves/Encumbrances:						
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	0	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)	999	2,000		0		
PY Encumbrances	0	0		0		
Rounding	1					
ENDING FUND BALANCE	20,239	(344,975)		(271,975)		

FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title:

Common Facilities

Fund/Department No:

44260

33043200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	1,466,781	2,680,583		57,105		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	19,019	8,580	8,580	22,700	14,120	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(7,955)	(10,000)	0	0	0	N/A
SUBTOTAL	11,064	(1,420)	8,580	22,700	14,120	164.57%
<u>CHARGES FOR SERVICES</u>						
45062 Construct/Bldg Permit Rvw Svc	30	0	0	0	0	N/A
SUBTOTAL	30	0	0	0	0	N/A
<u>MIECELLANEOUS REVENUES</u>						
46021 Capital Grants - Federal	(0)	5,759,579	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	5	5	0	0	0	N/A
46200 Revenue Appl PY Misc Revenu	9,827	527	0	0	0	N/A
SUBTOTAL	9,831	5,760,111	0	0	0	N/A
<u>ADMINISTRATIVE CONTROL</u>						
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
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	2,043,983	8,794,248	8,280,874	5,129,000	(3,151,874)	(38.06%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	2,043,983	8,794,248	8,280,874	5,129,000	(3,151,874)	(38.06%)
TOTAL REVENUES	2,064,908	14,552,939	8,289,454	5,151,700	(3,137,754)	(37.85%)

EXPENDITURES

OTHER CHARGES

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	8,591	0	0	0	0	N/A
SUBTOTAL	8,591	0	0	0	0	N/A

FIXED ASSETS

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	2,034,526	17,176,417	3,727,874	4,975,000	1,247,126	33.45%
19840 Acq-WIP-Equipment	0	0	0	0	0	N/A

Section Title:

Common Facilities

Fund/Department No:

44260

33043200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
19841 Work in Progress - Intang	866	0	0	0	0	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	2,035,392	17,176,417	3,727,874	4,975,000	1,247,126	33.45%
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
ADMINISTRATIVE CONTROL ACCOUNT						
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
TOTAL EXPENDITURES	2,043,983	17,176,417	3,727,874	4,975,000	1,247,126	33.45%

Adjustments to Reserves/Encumbrances:

Loan from Petaluma Aqueduct Capital Fund	0	0	0
Principal payment on Loan from Petaluma /	0	0	0
Advances	0	0	0
Outstanding Encumbrances - Net Change	1,296,523	0	0
Capitalized Interest	0	0	0
Gain/loss on disposal of Capital Assets	8,591	0	0
Proceeds from State Loan & Other LT Debt	0	0	0
PY CIP adjustment - reclass to PY Exp (los	0	0	0
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	(120,192)	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	0	0	0
Unrealized Gain/ Loss (GASB 31)	7,955	0	0
Rounding	0	0	0

ENDING FUND BALANCE	2,680,583	57,105	233,805
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**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

North Marin Water Deposit

Fund/Department No:

44300

33045300

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	13,335	13,578		648,954		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	243	144	144	381	237	164.57%
44050 Unrealized Gains and Losses	(30)	0	0	0	0	N/A
SUBTOTAL	214	144	144	381	237	164.57%

Intergovernmental Revenue

42610 Other Governmental Agencies	0	1,279,480	1,279,480	0	(1,279,480)	(100.00%)
SUBTOTAL	0	1,279,480	1,279,480	0	(1,279,480)	(100.00%)

OTHER FINANCING SOURCES

47101 Transfers In - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

TOTAL REVENUES	214	1,279,624	1,279,624	381	(1,279,243)	(99.97%)
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EXPENDITURES

OTHER CHARGES

53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

OTHER FINANCING USES

57011 Transfers Out - within a Fund	0	644,248	644,248	446,018	(198,230)	(30.77%)
SUBTOTAL	0	644,248	644,248	446,018	(198,230)	(30.77%)

TOTAL EXPENDITURES	0	644,248	644,248	446,018	(198,230)	(30.77%)
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Adjustments to Reserves/Encumbrances:

Unrealized Gain/ Loss (GASB 31)	30	0				
Rounding	(1)	(0)				

ENDING FUND BALANCE	13,578	648,954		203,318		
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**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

State Loan Debt Service Fund

Fund/Department No:

44265

33047000

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	(\$7,238)	\$148,314		\$138,027		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	10,298	6,006	6,006	15,890	9,884	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(2,170)	0	0	0	0	N/A
SUBTOTAL	8,128	6,006	6,006	15,890	9,884	164.57%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,196,268	1,196,268	1,196,268	1,196,268	0	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	1,196,268	0	0.00%
TOTAL REVENUES	1,204,396	1,202,274	1,202,274	1,212,158	9,884	0.82%
EXPENDITURES						
OTHER CHARGES						
53103 Interest on LT Debt	268,217	246,502	246,502	224,175	(22,327)	(9.06%)
SUBTOTAL	268,217	246,502	246,502	224,175	(22,327)	(9.06%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	150,000	150,000	150,000	0	0.00%
SUBTOTAL	0	150,000	150,000	150,000	0	0.00%
ADMIN. CONTROL ACCOUNT						
59002 Advances	772,014	793,731	793,731	816,058	22,327	2.81%
59003 Advances Clearing	(772,014)	(793,731)	(793,731)	(816,058)	(22,327)	2.81%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	268,217	396,502	396,502	374,175	(22,327)	(5.63%)
Adjustments to Reserves/Encumbrances:						
Principal payments on loan	(772,014)	0				
(Increase) / Decrease in Principal Payable	(10,783)	(793,731)		(793,731)		
Advances from Other Govt	2,170	(22,328)		(22,328)		
Unrealized Gain/ Loss (GASB 31)	0	0		0		
Rounding	0	1				
ENDING FUND BALANCE	\$148,314	\$138,027		\$159,951		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Reserve Fund

Fund/Department No: 44270 33047100

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	\$0	\$0		\$0		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	17,710	0	0	0	0	N/A
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(2,163)	0	0	0	0	N/A
SUBTOTAL	15,547	0	0	0	0	N/A
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL REVENUES	15,547	0	0	0	0	N/A
EXPENDITURES						
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	0	0	0	0	0	N/A
Adjustments to Reserves/Encumbrances:						
Increase in Reserve	(17,709)	0		0		
Unrealized Gain/ Loss (GASB 31)	2,163					
Rounding	(1)					
ENDING FUND BALANCE	\$0	\$0		\$0		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bond - 2012A

Fund/Department No:

44280

33047300

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	\$64,830	\$115,819		\$13,481		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	1,560	200	129	341	212	164.57%
44003 Other Interest Earnings	2,995	2,000	0	0	0	N/A
44050 Unrealized Gains and Losses	(400)	0	0	0	0	N/A
SUBTOTAL	4,155	2,200	129	341	212	164.57%
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	310,471	308,527	308,527	310,043	1,517	0.49%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	310,471	308,527	308,527	310,043	1,517	0.49%
TOTAL REVENUES	314,626	310,727	308,655	310,384	1,729	0.56%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
51242 Bank Charges	646	1,500	1,500	1,500	0	0.00%
SUBTOTAL	646	1,500	1,500	1,500	0	0.00%
<u>OTHER CHARGES</u>						
53103 Interest on LT Debt	103,144	98,350	103,876	93,463	(10,413)	(10.02%)
53104 Other Interest Expense	(4,781)	5,526	0	5,526	5,526	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	98,363	103,876	103,876	98,989	(4,887)	(4.70%)
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	140,000	0	15,000	15,000	N/A
SUBTOTAL	0	140,000	0	15,000	15,000	N/A
<u>ADMIN. CONTROL ACCOUNT</u>						
59004 Administrative Control Account	159,805	162,908	162,908	169,114	6,206	3.81%
59005 Admin Control Acct Clearing	(159,805)	(162,908)	(162,908)	(169,114)	(6,206)	3.81%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	99,009	245,376	105,376	115,489	10,113	9.60%
Adjustments to Reserves/Encumbrances:						
Principal payments on bonds	(159,805)	(162,908)		(169,114)		
Restricted cash with trustee (reserve)	(442)					
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		
Unrealized Gain/ Loss (GASB 31)	400					
Rounding						
ENDING FUND BALANCE	\$115,819	\$13,481		\$34,481		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Common Facilities Revenue Bonds - 2012 A

Fund/Department No:

44275

33047200

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEG. FUND BALANCE	\$101,961	\$173,454		\$226,495		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	2,339	343	343	908	565	164.57%
44003 Other Interest Earnings	4,194	3,000	0	0	0	N/A
44050 Unrealized Gains and Losses	(578)	0	0	0	0	N/A
SUBTOTAL	5,955	3,343	343	908	565	164.57%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	434,680	431,957	431,957	434,081	2,124	0.49%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	434,680	431,957	431,957	434,081	2,124	0.49%
TOTAL REVENUES	440,635	435,300	432,300	434,989	2,689	0.62%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	905	2,000	2,000	2,000	0	0.00%
SUBTOTAL	905	2,000	2,000	2,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	144,428	137,715	145,502	130,872	(14,630)	(10.05%)
53104 Other Interest Expense	(6,645)	7,787	0	7,787	7,787	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	137,783	145,502	145,502	138,659	(6,843)	(4.70%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	0	210,000	210,000	0	0.00%
SUBTOTAL	0	0	210,000	210,000	0	0.00%
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	223,768	228,113	228,113	236,803	8,690	3.81%
59005 Admin Control Acct Clearing	(223,768)	(228,113)	(228,113)	(236,803)	(8,690)	3.81%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	138,688	147,502	357,502	350,659	(6,843)	(1.91%)
Adjustments to Reserves/Encumbrances:						
Principal payments on bonds	(223,768)	(228,113)		(236,803)		
(Increase) / Decrease in Bonds Payable	0	0		0		
Restricted cash with trustee (reserve)	(619)	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)	578	0		0		
Rounding	0			0		
ENDING FUND BALANCE	\$173,454	\$226,495		\$67,377		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2012

Fund/Department No:

44285

33047400

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	\$154,832	\$198,011		\$227,776		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	2,684	515	515	1,362	847	164.57%
44003 Other Interest Earnings	2,464	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(502)	0	0	0	0	N/A
SUBTOTAL	4,646	515	515	1,362	847	164.57%
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	255,693	254,094	254,094	255,341	1,247	0.49%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	255,693	254,094	254,094	255,341	1,247	0.49%
TOTAL REVENUES	260,339	254,608	254,609	256,703	2,095	0.82%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
51242 Bank Charges	532	1,500	1,500	1,500	0	0.00%
SUBTOTAL	532	1,500	1,500	1,500	0	0.00%
<u>OTHER CHARGES</u>						
53103 Interest on LT Debt	84,828	80,886	85,471	76,867	(8,604)	(10.07%)
53104 Other Interest Expense	(3,892)	4,585	0	4,585	4,585	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	(39,231)	0	0	0	0	N/A
SUBTOTAL	41,705	85,471	85,471	81,452	(4,019)	(4.70%)
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	0	220,000	0	(220,000)	(100.00%)
SUBTOTAL	0	0	220,000	0	(220,000)	(100.00%)
<u>ADMIN. CONTROL ACCOUNT</u>						
59004 Administrative Control Account	131,428	133,980	133,980	139,084	5,104	3.81%
59005 Admin Control Acct Clearing	(131,428)	(133,980)	(133,980)	(139,084)	(5,104)	3.81%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	42,237	86,971	306,971	82,952	(224,019)	(72.98%)
Adjustments to Reserves/Encumbrances:						
(Increase)/Decrease in Bonds Payable						
Principal Payments on Bonds	(131,428)	(133,980)		(139,084)		
Amortization of bond discount	(8,477)	(8,477)		(8,477)		
Change in Reserved Fund Balance	(874)	0		0		
Capitalized Interest	(39,231)	0		0		
Amortization of deferred amount of refund	4,584	4,584		4,584		
Unrealized Gain/ Loss (GASB 31)	502	0		0		
Rounding	1	0		0		
ENDING FUND BALANCE	\$198,011	\$227,776		\$258,550		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bonds 2015

Fund/Department No:

44290

33047500

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	\$2,056,616	\$542,839		\$18,089		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	30,674	10,000	257	681	424	164.57%
44003 Other Interest Earnings	(44,563)	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(2,827)	0	0	0	0	N/A
SUBTOTAL	(16,715)	10,000	257	681	424	164.57%
Miscellaneous Revenues						
46200 PY Revenue - Miscellaneous	123,517	0	0	0	0	N/A
SUBTOTAL	123,517	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	766,536	910,603	974,558	713,766	(260,792)	(26.76%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	766,536	910,603	974,558	713,766	(260,792)	(26.76%)
TOTAL REVENUES	873,337	920,603	974,815	714,447	(260,369)	(26.71%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	918	4,000	4,000	4,000	0	0.00%
SUBTOTAL	918	4,000	4,000	4,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	216,677	203,419	264,090	188,626	(75,464)	(28.58%)
53104 Other Interest Expense	(11,223)	5,058	0	5,058	5,058	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	(135,961)	0	0	0	0	N/A
SUBTOTAL	69,493	208,477	264,090	193,684	(70,406)	(26.66%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	77,066	640,000	10,000	60,000	50,000	500.00%
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	77,066	640,000	10,000	60,000	50,000	500.00%
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	2,064,058	579,352	579,352	422,982	(156,370)	(26.99%)
59005 Admin Control Acct Clearing	(2,064,058)	(579,352)	(579,352)	(422,982)	156,370	(26.99%)
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	147,477	852,477	278,090	257,684	(20,406)	(7.34%)
Adjustments to Reserves/Encumbrances:						
Change in Principal due to Bond Reallocation	(1,587,781)					
Change in Bond Premium due to Bond Reallo	(50,632)					
Capitalized Interest	(135,961)					
Loss on Refunding of Debt	5,058	5,058		5,058		
Principal Payment	(553,501)	(579,352)		(422,982)		
Special Fund Stmts!B449	(7,925)	0		0		
Amortization of Bond Premium	(18,582)	(18,582)		(18,582)		
Change in Reserved Fund Balance	106,860					
Unrealized Gain/ Loss (GASB 31)	2,827					
Rounding	0	(0)				
ENDING FUND BALANCE	\$542,839	\$18,089		\$38,346		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Common Facilities Revenue Bonds 2015

Fund/Department No:

44295

33047600

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEG. FUND BALANCE	\$1,136,183	\$1,031,742		\$136,629		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	16,386	5,000	1,716	4,540	2,824	164.57%
44003 Other Interest Earnings	77,185	0	0	0	0	N/A
44050 Unrealized Gains and Losses	14,302	0	0	0	0	N/A
SUBTOTAL	107,873	5,000	1,716	4,540	2,824	164.57%
MISCELLANEOUS REVENUES						
46200 PY Revenue - Miscellaneous	(214,636)	0	0	0	0	N/A
SUBTOTAL	(214,636)	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,069,267	941,177	719,056	1,030,030	310,974	43.25%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,069,267	941,177	719,056	1,030,030	310,974	43.25%
TOTAL REVENUES	962,504	946,177	720,772	1,034,570	313,798	43.54%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,942	4,500	4,000	4,500	500	12.50%
SUBTOTAL	1,942	4,500	4,000	4,500	500	12.50%
OTHER CHARGES						
53103 Interest on LT Debt	564,854	653,750	465,617	549,643	84,026	18.05%
53104 Other Interest Expense	(25,942)	4,516	0	4,516	4,516	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	(339,739)	0	0	0	0	N/A
SUBTOTAL	199,173	658,266	465,617	554,159	88,542	19.02%
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	2,043,983	1,000,000	120,000	120,000	0	0.00%
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	2,043,983	1,000,000	120,000	120,000	0	0.00%
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	148,574	155,649	155,649	337,019	181,370	116.53%
59005 Admin Control Acct Clearing	(148,574)	(155,649)	(155,649)	(337,019)	(181,370)	116.53%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	2,245,098	1,662,766	589,617	678,659	89,042	15.10%
Adjustments to Reserves/Encumbrances:						
Principal Payment	(141,499)	(155,649)		(337,019)		
Change in Principal due to Bond Reallocation	1,800,115	0		0		
Change in Bond Premium due to Bond Reallocation	87,697	0		0		
Revenue Bonds Pay - Change in Current	(7,076)	0		0		
Amortization of Bond Premium	(26,471)	(27,390)		(27,390)		
Capitalized Interest	(339,739)					
Change in Reserved Fund Balance	(185,087)					
Loss on Refunding Debt	4,515	4,515		4,515		
Unrealized Gain/ Loss (GASB 31)	(14,302)	0		0		
Rounding	0	(0)		0		
ENDING FUND BALANCE	\$1,031,742	\$136,629		\$132,646		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2015

Fund/Department No:

44305

33047700

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	\$1,159,046	\$950,306		\$4,803		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	16,074	0	8,580	0	(8,580)	(100.00%)
44003 Other Interest Earnings	(32,622)	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(1,999)	0	0	0	0	N/A
SUBTOTAL	(18,547)	0	8,580	0	(8,580)	(100.00%)
<u>MISCELLANEOUS REVENUES</u>						
46200 PY Revenue - Miscellaneous	91,120	0	0	0	0	N/A
SUBTOTAL	91,120	0	0	0	0	N/A
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	(103,204)	47,394	47,394	47,394	0	0.00%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	(103,204)	47,394	47,394	47,394	0	0.00%
TOTAL REVENUES	(30,632)	47,394	55,974	47,394	(8,580)	(15.33%)
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
51242 Bank Charges	0	500	500	500	0	0.00%
SUBTOTAL	0	500	500	500	0	0.00%
<u>OTHER CHARGES</u>						
53103 Interest on LT Debt	0	40,712	40,712	40,712	0	0.00%
53104 Other Interest Expense	0	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	0	40,712	40,712	40,712	0	0.00%
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	950,000	1,170,000	0	(1,170,000)	(100.00%)
SUBTOTAL	0	950,000	1,170,000	0	(1,170,000)	(100.00%)
<u>ADMIN. CONTROL ACCOUNT</u>						
59004 Administrative Control Account	1,100,000	0	0	0	0	N/A
59005 Admin Control Acct Clearing	(1,100,000)	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	0	991,212	1,211,212	41,212	(1,170,000)	(96.60%)
Adjustments to Reserves/Encumbrances:						
Change in Principal due to Bond Reallocation	(250,000)	0		0		
Change in Bond Premium due to Bond Reallo	(7,972)	0		0		
Principal Payment	0	0		0		
Amortization of Bond Premium	(362)	(1,685)		0		
Unrealized Gain/ Loss (GASB 31)	1,999	0		0		
Change in Reserved Fund Balance	78,227					
Rounding	0	0		0		
ENDING FUND BALANCE	\$950,306	\$4,803		\$10,985		

**FY 2019-20 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Common Facilities Revenue Bonds 2019

Fund/Department No:

44310

33047800

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEG. FUND BALANCE	\$0	\$0		\$4,297,659		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	0	12,870	12,870	34,050	21,180	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	0	0	0	0	0	N/A
SUBTOTAL	0	12,870	12,870	34,050	21,180	164.57%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	0	1,066,985	1,017,876	649,709	(368,167)	(36.17%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	0	1,066,985	1,017,876	649,709	(368,167)	(36.17%)
TOTAL REVENUES	0	1,079,855	1,030,746	683,759	(346,987)	(33.66%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	0	4,087	4,087	3,790	(297)	(7.26%)
SUBTOTAL	0	4,087	4,087	3,790	(297)	(7.26%)
OTHER CHARGES						
53103 Interest on LT Debt	0	317,547	317,547	317,547	(0)	(0.00%)
53104 Other Interest Expense	0	0	0	0	0	N/A
53105 Costs of Issuance	0	416,935	367,826	0	(367,826)	(100.00%)
SUBTOTAL	0	734,482	685,373	317,547	(367,826)	(53.67%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	5,200,000	5,200,000	3,600,000	(1,600,000)	(30.77%)
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	0	5,200,000	5,200,000	3,600,000	(1,600,000)	(30.77%)
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	0	243,627	243,627	243,627	0	0.00%
59005 Admin Control Acct Clearing	0	(243,627)	(243,627)	(243,627)	(0)	0.00%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	0	5,938,569	5,889,460	3,921,337	(1,968,123)	(33.42%)
Adjustments to Reserves/Encumbrances:						
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	9,400,000		0		
Deposit to Cost of Issuance Fund	0	0		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Principal Payment	0	(243,627)		(243,627)		
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	0		0		
Loss on Refunding of Debt	0	0		0		
Unrealized Gain/ Loss (GASB 31)	0	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	\$0	\$4,297,659		\$816,454		

FY 2019-20 BUDGET BEGINNING AND ENDING CASH SUMMARY

Section Title:

Sonoma Aqueduct Revenue Bonds 2019

Fund/Department No:

44315

33047900

Account Title	Actual 2017-2018	Estimated 2018-2019	Adopted 2018-2019	Requested 2019-20	Difference	Percent Change
BEGINNING FUND BALANCE	\$0	\$0		\$137,342		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	0	10,296	10,296	27,240	16,944	164.57%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	0	0	0	0	0	N/A
SUBTOTAL	0	10,296	10,296	27,240	16,944	164.57%
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	0	340,418	227,398	207,354	(20,044)	(8.81%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	0	340,418	227,398	207,354	(20,044)	(8.81%)
TOTAL REVENUES	0	350,714	237,694	234,594	(3,100)	(1.30%)
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
51242 Bank Charges	0	1,210	913	1,210	297	32.49%
SUBTOTAL	0	1,210	913	1,210	297	32.49%
<u>OTHER CHARGES</u>						
53103 Interest on LT Debt	0	101,345	70,941	101,345	30,403	42.86%
53104 Other Interest Expense	0	0	0	0	0	N/A
53105 Costs of Issuance	0	133,065	82,174	0	(82,174)	(100.00%)
SUBTOTAL	0	234,409	153,115	101,345	(51,771)	(33.81%)
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	0	2,900,000	0	0	0	N/A
SUBTOTAL	0	2,900,000	0	0	0	N/A
<u>ADMIN. CONTROL ACCOUNT</u>						
59004 Administrative Control Account	0	77,753	54,427	77,753	23,326	42.86%
59005 Admin Control Acct Clearing	0	(77,753)	(54,427)	(77,753)	(23,326)	42.86%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	0	3,135,619	154,028	102,554	(51,474)	(33.42%)
Adjustments to Reserves/Encumbrances:						
Unrealized Gains and Losses	0	0		0		
Proceeds Bond Issuance	0	3,000,000		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Principal Payment	0	(77,753)		(77,753)		
Deposit to Cost of Issuance Fund	0	0		0		
Amortization of Bond Premium	0	0		0		
Unrealized Gain/ Loss (GASB 31)	0	0		0		
Change in Reserved Fund Balance	0	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	\$0	\$137,342		\$191,628		

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY19-20

A. ANNUAL DEBT SERVICE REQUIREMENTS

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
2012 A Revenue Bond	44275	TBD	TBD	44280	44285
PRINCIPAL	236,803			169,114	139,084
INTEREST	130,872			93,463	76,867
OTHER INTEREST - DEFERRED REFUNDING CHARGE	7,787			5,526	4,585
FISCAL AGENT FEES	2,000			1,500	1,500
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	377,462	0		269,603	222,036
Bond Reserve	56,619	0		40,440	33,305
Total Individual Bond Debt Service	434,081	0		310,043	255,341
2015A Revenue Bond	44295			44290	44305
PRINCIPAL	337,019			422,982	0
INTEREST	549,643			188,626	40,712
OTHER INTEREST - DEFERRED REFUNDING CHARGE	4,516			5,058	0
FISCAL AGENT FEES	4,500			4,000	500
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	895,678			620,666	41,212
Bond Reserve	134,352			93,100	6,182
Total Individual Bond Debt Service	1,030,030			713,766	47,394
2019A Revenue Bond					
PRINCIPAL	243,627				77,753
INTEREST	317,547				101,345
FISCAL AGENT FEES	3,790				1,210
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	564,964			0	180,308
Bond Reserve	84,745			0	27,046
Total Individual Bond Debt Service	649,709			0	207,354
2013 Capital Fund Loan Requirement					
PRINCIPAL	0				
INTEREST	0				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
DISCOUNT/BONDS	0				
Total Individual Loan Payments	0				
Loan Reserve					
Total Individual Loan Debt Service	0				
2013 Santa Rosa AQ Capital Fund Loan					
PRINCIPAL					
INTEREST					
FISCAL AGENT FEES					
DEBT ISSUANCE COSTS					
DISCOUNT/BONDS					
Total Individual Loan Payments					
Loan Reserve					
Total Individual Loan Debt Service	0			0	0
2013 Petaluma AQ Capital Fund Loan					
PRINCIPAL					
INTEREST					
FISCAL AGENT FEES					
DEBT ISSUANCE COSTS					
DISCOUNT/BONDS					
Total Individual Loan Payments					
Loan Reserve					
Total Individual Loan Debt Service	0			0	
1. 09/10 Financing Exp for Common Fac incl above until index established	Mirabel Generators	TBD - RRIFR	TBD - Water Ed Bldg	TBD - Oakmont Pipeline	
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
Total Individual Financing Debt Service	0	0	0	0	0

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY19-20

A. ANNUAL DEBT SERVICE REQUIREMENTS

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
SRF LOAN	44265				
PRINCIPAL	816,058			N.A	N.A
INTEREST	224,175			N.A	N.A
Total Individual Loan Payments	1,040,233				
Reserve Requirement	156,035				
Total SRF Debt Service	1,196,268				
SRF LOAN RESERVE					
RESERVE				N.A	N.A
Total SRF Debt Service	1,196,268				
TOTAL DEBT SERVICE	\$3,310,088	\$0	\$0	\$1,023,809	\$510,089
LESS REV. FROM N. MARIN REV. BOND CHARGES	329,604				
REMAINING REVENUE REQUIREMENT	\$2,980,483	\$0	\$0	\$1,023,809	\$510,089

B. CALCULATIONS OF WATER RATES FOR FY19-20

	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	\$2,980,483.12	\$0	\$0	\$1,023,809	\$510,089
APPLICABLE BASE WATER DELIVERIES IN A.F.	32,796.30	43,777.1	43,777.1	32,796.30	3,908.9
CHARGES PER ACRE-FEET	\$90.88	\$0.00	\$0.00	\$31.22	\$130.50

C. CALCULATIONS OF NORTH MARIN REVENUE BONDS CHARGE

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Remaining Facilities per RA 4.3a2)	2,660,379
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (11.2/90.4))	329,604
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	5,711
NORTH MARIN REVENUE BONDS CHARGE	57.71

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Additional Facilities per RA 4.3b9)	-
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (19.9/146.2))	-
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	5,711
NORTH MARIN REVENUE BONDS CHARGE	-

Common Facilities			
Debt Service RA 4.3a2 (remaining facilities)	2,660,379		
N. Marin's Share (11.2/90.4)	329,604	Total Revenue Required	\$2,660,379
Estimated Water Deliveries to N. Marin	5,711.2	Debt service - Additional Facilities	
Applicable portion of the N. Marin R. Bonds Charge	\$57.71	Revenue base for NMWD	\$2,660,379

2015A New Money P&I Begins 2020

NMWD pd cash

Debt Service RA 4.3b9 (additional facilities)	0	
N. Marin's Share (19.9/146.2)	-	
Estimated Water Deliveries to N. Marin	5,711	Update formula for the lesser of three years or 12 months average delivery.
Applicable portion of the N. Marin R. Bonds Charge	\$ -	
Total NMWD Share	329,604	
NMWD Total Bonds Charge	\$57.71	

FY 2019-20 BUDGET
Water Transmission System - Fund Balances and Operating Transfers

Fund	Index	OT Out (57012)	To	OT In (47102)	Fund Bal. (Stmnt.)	Fund Bal. (Cash)	Diff.
Santa Rosa Aq. Capital Fund	44230	0		561,741	6,933,994	6,933,993	(0)
Petaluma Aq. Capital Fund	44235	0		328,090	4,697,224	4,697,224	0
Sonoma Aq. Capital Fund	44240	0		100,262	135,622	135,622	0
Sonoma Rev Bond 2012 Fund	44285	0	Sonoma AQ	255,341	258,550	258,550	0
Sonoma Rev Bond 2015 Fund	44305	0	Sonoma AQ	47,394	10,985	10,985	0
Sonoma Rev Bond 2019 Fund				207,354	191,628	191,628	
Storage Rev Bond 2012 Fund	44280	15,000	Storage Facilities	310,043	34,481	34,481	0
Storage Rev Bond 2015 Fund	44290	60,000	Storage Facilities	713,766	38,347	38,346	(0)
Common Rev Bond 2012 Fund	44275	210,000	Common Facilities	434,081	67,377	67,377	0
Common Rev Bond 2015 Fund	44295	120,000	Common Facilities	1,030,030	132,646	132,646	(0)
Common Rev Bond 2019 Fund		3,600,000	North Marin	649,709	816,454	816,454	
State Loan Debt Service	44265	150,000	Common Facilities	1,196,268	159,951	159,951	(0)
State Loan Reserve	44270	0		0	0	0	0
Capital Lease Financing		0		0	0	0	0
Agency Fund (Discretionary)	44205	602,982	Common Facilities	0	8,532,590	8,532,590	0
Agency Fund (Charges)	44205	12,590,069		0			
Pipeline Facilities	44255			0	0	0	0
Storage Facilities	44250			75,000	(271,975)	(271,975)	0
Common Facilities	44260			5,129,000	233,805	233,805	(0)
North Marin	44300	446,018		0	203,318	203,318	(0)
Water Management Planning	44210	338,000		50,000	272,044	272,044	(0)
Watershed Planning/Restoration	44215			4,516,770	5,068,371	5,068,371	0
Recycled Water & Local Supply	44220			468,013	186,555	186,555	0
Water Conservation	44225			2,059,207	147,917	147,916	(0)
Total		18,132,069		18,132,069	27,849,883	27,849,882	(1)

Common Facilities OT - in 47101 From

Water Transmission (discretionary)	602,982
Water Transmission (Charges)	-
North Marin	446,018
2012 Bond Fund	210,000
2015 Bond Fund	120,000
2019 Bond Fund	3,600,000
State Loan Debt Service	150,000
	<u>5,129,000</u>

O&M Rate Computation
Revenue Requirement - Transfers Out:

12,590,069

Agency Fund (Charges) OT - Out To:

<u>AQ Capital Funds</u>	
Santa Rosa Aq. Capital Fund	561,741
Petaluma Aq. Capital Fund	328,090
Sonoma Aq. Capital Fund	100,262
	<u>990,093</u>

Agency Fund (Charges) OT - Out To:
Summary

AQ Capital Funds	990,093
Debt Service Funds	4,843,986
WT Subfunds	6,755,990
	<u>12,590,069</u>

Debt Service Funds

Sonoma Rev Bond 2012 Fund	255,341
Sonoma Rev Bond 2015 Fund	47,394
Sonoma Rev Bond 2019 Fund	207,354
Storage Rev Bond 2012 Fund	310,043
Storage Rev Bond 2015 Fund	713,766
Common Rev Bond 2012 Fund	434,081
Common Rev Bond 2015 Fund	1,030,030
Common Rev Bond 2019 Fund	649,709
State Loan Debt Service	1,196,268
State Loan Reserve	0
Capital Lease Financing	0
	<u>4,843,986</u>

Capital Funds and North Marin 602,982

Total 13,193,051

Capital Funds and North Marin

Pipeline Facilities	0
Storage Facilities	0
Common Facilities	602,982
North Marin	0
	<u>602,982</u>

WT Subfunds

Water Management Planning	50,000
Watershed Planning/Restoration	4,516,770
Recycled Water & Local Supply	130,013
Water Conservation	2,059,207
	<u>6,755,990</u>

338,000 From Water Management Fund

Total 13,193,051