

Water Transmission FY 2021-2022 Draft Budget and Rates

The draft proposed FY 2021-2022 rates are shown in the table below:

Charge / Aqueduct	Santa Rosa	Petaluma	Sonoma
Deliveries (Acre-Feet)	46,095		
O&M	\$685.92	\$685.92	\$685.92
Water Management Planning	\$0.00	\$0.00	\$0.00
Watershed Planning & Restoration	\$132.66	\$132.66	\$132.66
Recycled Water and Local Supply	\$0.93	\$0.93	\$0.93
Water Conservation	\$44.44	\$44.44	\$44.44
Total O&M	\$863.95	\$863.95	\$863.95
Storage & Common Bond/Loan Charges	\$116.51	\$116.51	\$116.51
Sonoma Aqueduct Bond/Loan Charge			\$126.72
Prime Contractors	\$980.46	\$980.46	\$1,107.18
<u>Discretionary Charges</u>			
Capital Charges - to build fund balance for future projects	\$20.00	\$20.00	\$38.00
Total Prime Contractors	\$1,000.46	\$1,000.46	\$1,145.18
Total Overall Increase:	3.47%	3.47%	3.43%

SUMMARY

- **Deliveries: (Budget Packet Pages 9-14):**
 - **FY 2021-2022:** rates are based on budgeted deliveries of **46,095 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 (**46,095 AF**) or the last 12 months of water deliveries (Calendar Year (CY) 2020: **47,748 AF**). Actual deliveries for CY 2020 were 9.2% more than CY 2019: 43,707 AF. FY 2021-2022 budgeted deliveries are 5.5% more than FY 2020-2021 budgeted deliveries.
 - **FY 2020-2021:** budgeted deliveries for rate calculation were based on average annual water deliveries for the last 12 months of water deliveries CY 2019 (43,707 AF). Actual FY deliveries will be determined at the end of FY 2020-2021. Current trend indicates actuals may be at budget.
 - **FY 2019-2020:** budgeted deliveries were 43,870 AF. Actual deliveries were 45,649 AF (4.1% higher).
- **Operations and Maintenance (O&M) – Water Transmission O&M Fund (Budget Packet Pages 15-22):**
 - 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	\$29.41	4.5%	Increase due to cathodic protection projects and pay go capital projects in Common Facilities.
Revenue	\$3,721,000	8.5%	Increase in revenue is attributable to the rate increase and increase in water deliveries.
Expenditures	\$3,934,000	7.8%	Increase attributable to an increase in maintenance projects to build system resiliency (cathodic protection, pump and valve replacements, chlorine and pH improvement projects), studies (Regional Water Supply Resiliency, Watershed and Riverbank Filtration Water Quality Studies and fire related water quality studies), emergency response planning and training, and pay go capital projects in Common Facilities.

Factors affecting the O&M rate:

O&M Fund Expenditures	Increase (Decrease) in Dollars	Percent Change	Description
Labor	\$875,000	5.5%	Increase attributable to increase in maintenance to build system resiliency (pumps, pipes, valves, chlorine and pH projects), and regional water supply resiliency, water quality studies, and emergency response planning and training.
Power	\$0	0.0%	No increase anticipated over FY2020-2021 budget.
Chemicals	\$0	0.0%	No increase anticipated over FY2020-2021 budget.
Testing/Analysis	\$10,000	8.0%	Increase due to fire-related water quality testing.
Contract Services	(\$627,000)	-9.6%	Decrease due to tank maintenance contracting delays and change in approach. Tank maintenance program will cost an estimated \$1 million per year (prior year budgets will roll forward). Recoat projects will be bid under separate contracts.
Maintenance - Equipment	\$400,000	37.6%	Increase for collector well pump and valve replacements and chlorine and pH projects to build system resiliency.
Small Tools - Instruments	(\$5,000)	-3.2%	Reflects five year average expenditures.
Operating Transfers	\$2,565,000	19.7%	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 23-32):**

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

Water Management Planning	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	(\$0.92)	-99.5%	Fiscal Year 2020-2021 rate is \$0.92. 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	(\$48,000)	-96.2%	Using an estimated \$79,000 in fund balance to decrease rate increase and smooth overall rate increase.
Expenditures	(\$95,000)	-54.3%	Consulting agreement encumbered in prior year leading to reduced budget in FY2021-22 following submittal of Urban Water Management Plan.

○ Watershed Planning and Restoration:

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

Watershed Planning and Restoration	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$15.33	13.1%	Fiscal Year 2020-2021 rate is \$117.33. Rate increase for design and right-of-way expenditures for Dry Creek Habitat Enhancement phases 5 and 6, and construction of phases 4 and 5. Approximately \$300,000 in fund balance is being used for design and construction costs to smooth rate impact.
Revenue	\$972,000	17.4%	Increase due to subfund rate increase for Dry Creek Habitat Enhancement phases 5 and 6, offset by use of fund balance.
Expenditures	(\$1,799,000)	-19.8%	Decrease in expenditures due to completion of Dry Creek Habitat Enhancement phase 4 activities. Ongoing costs for phases 5 and 6 design, right-of way, and construction and other required biological opinion activities.

○ Recycled Water and Local Supply:

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

Recycled Water and Local Supply	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	(\$0.01)	-0.8%	Fiscal Year 2020-2021 rate is \$0.94. Past rate increases have accumulated sufficient fund balance for this fund.
Revenue	(\$14,000)	-23.6%	Using approximately \$50,000 in fund balance to decrease rate increase and smooth overall rate increase.
Expenditures	\$0	0.0%	Expenditures are for Sonoma Water's share of Groundwater Sustainability Agencies' budgets.

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

Water Conservation	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$1.63	3.8%	Fiscal Year 2020-2021 rate is \$42.81. Rate increase for program needs including Prop 1 Bay area and North Coast grant programs.
Revenue	\$790,000	33.2%	Fiscal Year 2020-2021 use of \$405,000 in fund balance to reduce conservation fund rate increase and smooth overall rate increase.
Expenditures	\$1,051,000	41.6%	Implement water use efficiency, outreach and education projects, address ongoing water conservation needs, and pass through grant funds to water contractors and other partners.

- **Storage, Common, and Sonoma Bond/Loan Charges: (Budget Packet Pages 44-53):**

- The rates are calculated by dividing the annual debt service and reserve requirements (2012A, 2015A, and 2019A Water Revenue Bonds) by water deliveries. FY19-20 new money financing (Water Revenue Bonds 2019A): Total \$11.01M at 2.44% for 25 years (matures in 2044).

Storage and Common Bond/Loan Charges	Increase (Decrease) in Dollars	Percent Change	Description
Storage Bond/Loan Charge	(\$1.16)	-4.8%	Fiscal Year 2020-2021 rate is \$24.28. Rate is based on revenue requirement for debt service divided by water deliveries. Rate decrease is due to increase in budgeted water deliveries.
Common Bond/Loan Charge	(\$3.77)	-3.9%	Fiscal Year 2020-2021 rate is \$97.16. Rate is based on revenue requirement for debt service divided by water deliveries. Rate decrease is due to increase in budgeted water deliveries.
Sonoma Aqueduct Bond/Loan Charge	(\$9)	-6.3%	Fiscal Year 2020-2021 rate is \$135.26. Sonoma Aqueduct pays an additional revenue bond charge for the bonds associated with the Eldridge-Madrone Pipeline Project. Rate is based on revenue requirement for debt service divided by water deliveries. Rate decrease is due to increase in budgeted water deliveries.

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

- A discretionary charge is added by the water contractors to build fund balance for future aqueduct capital projects and to provide rate stabilization capacity.
- The FY 2020-2021 budget included a rate per AF of \$27 for the Santa Rosa and Petaluma Aqueducts, and \$32 for the Sonoma Aqueduct.
- The FY 2021-2022 draft budget includes a \$20 per Acre-Foot charge for the Santa Rosa and Petaluma Aqueducts, and \$38 per Acre-Foot charge for the Sonoma Aqueduct.
- Aqueduct Capital Charges provide rate stabilization capacity and funding for future hazard mitigation projects.

- **Overall Draft Proposed Rate Increases: (Budget Packet Pages 1-8):**

- 3.47% (Santa Rosa and Petaluma Aqueducts); 3.43% (Sonoma Aqueduct)

- FY 2021-2022 budgeted deliveries are based on the average annual water deliveries for the past 36 months (46,095 AF). FY 2021-2022 budgeted deliveries are 5.46% more than FY 2020-2021 budgeted deliveries.
- The FY2021-2022 budget accommodates an increase in maintenance projects (cathodic protection, pump and valve replacements, chlorine and pH improvement projects), studies (Regional Water Supply Resiliency, Watershed and Riverbank Filtration Water Quality Studies and fire related water quality studies), emergency response planning and training, Biological Opinion Flow EIR and Dry Creek Habitat Enhancement design and right-of-way for phases 4, 5, and 6, and construction for phases 4 and 5; and investment in hazard mitigation and other capital infrastructure projects.

Changes made since January 19, 2021 Draft Water Transmission Budget: reduced costs by \$1.4 million:

- Decreased capital project costs in Common Facilities
- Decreased transfer from O&M to Common Facilities
- Increased use of fund balance in Subfunds
- Decreased costs in Water Conservation Subfund
- Water contractors elected to decrease discretionary aqueduct capital charge

FY 2021-2022 Capital Projects

(Budget Packet Pages 33-43):

Water Transmission Budget		FY21-22	
Capital Projects Summary			
Project	Category	Amount	Status
Santa Rosa Creek Crossing	Santa Rosa AQ	800,000	FY20-21: 60% design; award FY21-22
Ely BPS Flood Control & Electrical Upgrade	Petaluma AQ	202,411	FY20-21: 60% design; award FY21-22
SBS Electrical Upgrade and Pumping Reliability	Sonoma AQ	25,000	Under construction; construction management FY21-22
Sonoma AQ Crossing of Spring Creek & Bennett Valley Fault Cross	Sonoma AQ	25,000	Preliminary design
LHMP-Bennet Valley Fault Crossing (Oakmont Pipeline)	Storage	25,000	Preliminary design
Mirabel Dam Bladder Replacement	Common	255,250	Awarded FY20-21; inspection costs FY21-22
Mirabel RR Crossing Fiber Optic Cable Relocation	Common	370,000	Part of Russian River Crossing Project
Mirabel Storage Shed	Common	-	Delaying
MW Creek Crossing	Common	3,660,000	FY20-21: 90% design; award FY21-22
RDS Pump and Motor Control Center Replacement	Common	183,784	Costs to advance design
RR Crossing	Common	709,290	Awarded FY20-21; construction management FY21-22
Warm Springs Dam Hydroturbine Retrofit	Common	2,497,265	Award July 2021
Wohler Bridge Fiber Optic Cable	Common	150,000	Public Works Project expected to occur this summer
Wohler Plant Access Rd. Retaining Wall	Common	21,100	FY20-21: 60% design; award FY21-22
SCADA Upgrade	Common	750,000	Complete by 12/31/21
	TOTAL	9,674,100	
	Santa Rosa AQ	800,000	
	Petaluma AQ	202,411	
	Sonoma AQ	50,000	
	Storage	25,000	
	Common	8,596,689	
		9,674,100	

**Sonoma County Water Agency
FY2021-2022 Draft Water Transmission Budget and Rates**

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FY2021-2022

Prime Contractor Rates Summary

	CHARGE PER ACRE FOOT:			FY20-21			Percent Change
	Santa Rosa	Petaluma	Sonoma	SR	Pet	Son	
	Aqueduct	Aqueduct	Aqueduct				
O&M Charge [4.2]	685.92	685.92	685.92	\$656.51	\$656.51	\$656.51	4.48%
Water Management Planning Sub-charge [4.13]	0.00	0.00	0.00	\$0.92	\$0.92	\$0.92	-99.46%
Watershed Planning/Restoration Sub-charge [4.14]	132.66	132.66	132.66	\$117.33	\$117.33	\$117.33	13.06%
Recycled Water & Local Supply Sub-charge [4.15]	0.93	0.93	0.93	\$0.94	\$0.94	\$0.94	-0.76%
Water Conservation Sub-charge [4.16]	44.44	44.44	44.44	\$42.81	\$42.81	\$42.81	3.81%
O&M Charge	863.95	863.95	863.95	\$818.51	\$818.51	\$818.51	5.55%
Storage and Common Bond & Loan Charges	116.51	116.51	116.51	\$121.44	\$121.44	\$121.44	-4.06%
Sonoma Aqueduct Bond Charge			126.72			\$135.26	-6.3%
PRIME CONTRACTORS	\$980.46	\$980.46	\$1,107.18	\$939.95	\$939.95	\$1,075.21	4.31%
Capital Charges - to build fund balance for future projects	20.00	20.00	38.00	\$27.00	\$27.00	\$32.00	-26%
PRIME CONTRACTORS	20.00	20.00	38.00	\$27.00	\$27.00	\$32.00	-26%
TOTAL PRIME CONTRACTORS	\$1,000.46	\$1,000.46	\$1,145.18	\$966.95	\$966.95	\$1,107.21	3.47%
Increase from FY2020-2021	3.47%	3.47%	3.43%	5.30%	5.30%	5.57%	

Deliveries:

	12-month	36-month
FY13-14	45,960	
FY14-15		46,000
FY15-16	50,590	
FY16-17	40,524	
FY17-18	41,446	
FY18-19		41,768
FY19-20		43,870
FY20-21	43,707	
FY21-22		46,095

FY2021-2022

Prime Contractor Rates Summary

<u>CHARGE PER ACRE FOOT:</u>			
Petaluma AQ			
	NMWD	NMWD	Percent Change
	FY21-22	FY20-21	
O&M Charge [4.2]	685.92	\$656.51	4.48%
Water Management Planning Sub-charge [4.13]	0.00	\$0.92	-99.46%
Watershed Planning/Restoration Sub-charge [4.14]	132.66	\$117.33	13.06%
Recycled Water & Local Supply Sub-charge [4.15]	0.93	\$0.94	-0.76%
Water Conservation Sub-charge [4.16]	44.44	\$42.81	3.81%
O&M Charge	863.95	\$818.51	5.55%
North Marin Bond & Loan Charge [4.9]	56.82	\$67.69	-16.05%
Russian River Conservation Charge [4.18 (a)]	115.94	\$106.12	9.25%
Russian River Projects Charge [4.18 (b)]	10.63	\$8.68	22.47%
<u>TOTAL NMWD</u>	<u>\$1,047.34</u>	<u>\$1,001.00</u>	<u>4.63%</u>

WATER TRANSMISSION SYSTEM
 FY21-22 WATER CHARGES PER ACRE-FOOT
 FOR PRIME CONTRACTORS

FISCAL YEAR	SANTA ROSA AQUEDUCT	% INCR. (DECR.)	PETALUMA AQUEDUCT	% INCR. (DECR.)	SONOMA AQUEDUCT	% INCR. (DECR.)
2021 - 2022	1000.46	3.47%	1000.46	3.47%	1145.18	3.43%
2020 - 2021	966.95	5.30%	966.95	5.30%	1107.21	5.57%
2019 - 2020	918.30	4.60%	918.30	4.60%	1048.80	4.77%
2018 - 2019	877.88	3.67%	877.88	3.67%	1001.06	5.98%
2017 - 2018	846.78	4.98%	846.78	4.98%	944.56	5.58%
2016 - 2017	806.59	5.98%	806.59	5.98%	894.62	6.94%
2015 - 2016	761.05	4.16%	761.05	4.16%	836.55	5.46%
2014 - 2015	730.68	3.60%	730.68	3.60%	793.24	3.19%
2013 - 2014	705.30	4.95%	705.30	4.95%	768.75	3.84%
2012 - 2013	672.03	5.98%	672.03	5.98%	740.34	5.26%
2011 - 2012	634.11	5.00%	634.11	5.00%	703.33	4.28%
2010 - 2011	603.92	6.93%	603.92	6.93%	674.47	8.42%
2009 - 2010	564.78	19.88%	564.78	10.50%	622.11	27.95%
2008 - 2009	471.13	6.66%	511.13	10.71%	486.22	7.22%
2007 - 2008	441.70	2.41%	461.70	2.31%	453.49	2.46%
2006 - 2007	431.29	4.51%	451.29	4.30%	442.60	4.26%
2005 - 2006	412.68	2.53%	432.68	2.41%	424.53	2.44%
2004 - 2005	402.51	2.19%	422.51	2.08%	414.42	1.59%
2003 - 2004	393.89	1.65%	413.89	4.02%	407.95	5.30%
2002 - 2003	387.49	1.10%	397.90	3.61%	387.43	3.76%
2001 - 2002	383.29	15.88%	384.02	15.80%	373.38	16.41%
2000 - 2001	330.76	6.72%	331.61	6.60%	320.74	7.60%

**WATER TRANSMISSION SYSTEM
FY21-22 REVENUE SUMMARY CHART**

WATER CUSTOMER	FY21-22 Budgeted Water Use (Acre-Feet)	FY20-21 Rate \$/Acre-Foot	FY21-22 Proposed Rate \$/Acre-Foot	Dollar Change	Percent Change
Santa Rosa Aqueduct	17,807	\$966.95	\$1,000.46	\$33.51	3.47%
Petaluma Aqueduct	10,053	966.95	1,000.46	\$33.51	3.47%
Sonoma Aqueduct	4,201	1,107.21	1,145.18	\$37.97	3.43%
North Marin Water District	6,224	1,001.00	1,047.34	\$46.34	4.63%
Marin Municipal – Fourth Off Peak	4,300	1,188.11	1,237.08	\$48.97	4.12%
Marin Municipal – Supplemental	1,469	1,188.11	1,237.08	\$48.97	4.12%
Forestville Aqueduct	404	966.95	1,000.46	\$33.51	3.47%
Wholesale/Municipal	1,015	1,328.64	1374.214	\$45.57	3.43%
Surplus	101	982.21	1,036.74	\$54.53	5.55%
Windsor	521	1,160.34	1,000.46	(\$159.88)	-13.78%
TOTAL	46,095				

SONOMA COUNTY WATER AGENCY RATES FOR WATER DELIVERIES IN FY21-22

ESTIMATED OFFICIAL
 Approved by Board of Directors on April __, 2021

CHARGE PER ACRE FOOT:

	<u>Santa Rosa Aqueduct</u>	<u>Petaluma Aqueduct</u>	<u>Sonoma Aqueduct</u>
PRIME CONTRACTORS			
<u>O&M Charge [4.2]</u>	\$685.92	\$685.92	\$685.92
Water Management Planning Sub-charge [4.13]	\$0.00	\$0.00	\$0.00
Watershed Planning/Restoration Sub-charge [4.14]	\$132.66	\$132.66	\$132.66
Recycled Water & Local Supply Sub-charge [4.15]	\$0.93	\$0.93	\$0.93
Water Conservation Sub-charge [4.16]	\$44.44	\$44.44	\$44.44
O&M Charge	\$863.95	\$863.95	\$863.95
 <u>Bond & Loan Charges - to pay for existing debt service</u>			
Storage Facilities Capital Charge [4.7]	23.12	23.12	23.12
Common Facilities Capital Charge [4.8]	93.39	93.39	93.39
Sonoma Aqueduct Facilities Capital Charges [4.6 b]			126.72
<u>Total Bond & Loan Charges</u>	\$116.51	\$116.51	\$243.23
 <i>Discretionary:</i>			
<u>Aqueduct Capital Charges - to build fund balance for future projects</u>			
Aqueduct Facilities Capital Charges [4.6 e]	20.00	20.00	38.00
 LRT2 - included in Recycled Water & Local Supply Sub-Charge above.			
TOTAL PRIME CONTRACTORS	\$1,000.46	\$1,000.46	\$1,145.18
Charge without LRT2 and voluntary AQ Capital Charge	\$980.46	\$980.46	\$1,107.18
OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES	\$993.46		
<u>(WATER CO'S & PUBLIC AGENCIES)</u>			
O&M Charge	\$863.95	\$863.95	\$863.95
Capital Charges	116.51	116.51	243.23
Aqueduct Facilities Capital Charge [4.12]	\$393.75	\$393.75	\$267.03
TOTAL OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES (4.12)	\$1,374.21	\$1,374.21	\$1,374.21
(120% OF HIGHEST PRIME)			
FORESTVILLE			0.01
O&M Charge [4.2] *	\$685.92		
Water Management Planning Sub-charge [4.13]	0.00		
Watershed Planning/Restoration Sub-charge [4.14]	132.66		
Recycled Water & Local Supply Sub-charge [4.15]	0.93		
Water Conservation Sub-charge [4.16]	44.44		
O&M Charge	\$863.95		
 <u>Bond & Loan Charges - to pay for existing debt service</u>			
Aqueduct Facilities Capital Charges [4.6]	20.00		
Storage Facilities Capital Charge [4.7]	23.12		
Common Facilities Capital Charge [4.8]	93.39		
<u>Total Capital Charges</u>	\$136.51		
TOTAL FORESTVILLE	\$1,000.46		
* Forestville Water District was exempt from Santa Rosa Aqueduct sub-charge from FY 06/07 to FY 16/17 [4.12].			
<u>NORTH MARIN WATER DISTRICT</u>			
O&M Charge		\$863.95	
North Marin Bond & Loan Charge [4.9]		56.82	
Russian River Conservation Charge [4.18 (a)]		115.94	
Russian River Projects Charge [4.18 (b)]		10.63	
TOTAL NORTH MARIN WATER DISTRICT		1,047.34	
<u>FOURTH OFF-PEAK (MARIN MUNICIPAL)</u>			
Highest Prime on SR and PET AQ x 1.11		\$1,110.51	
Russian River Conservation Charge		115.94	
Russian River Projects Charge		10.63	
TOTAL FOURTH OFF-PEAK		\$1,237.08	
<u>SUPPLEMENTAL (MARIN MUNICIPAL)</u>			
Highest Prime on SR and PET AQ x 1.11		\$1,110.51	
Russian River Conservation Charge		115.94	
Russian River Projects Charge		10.63	
TOTAL SUPPLEMENTAL		\$1,237.08	
 <u>SURPLUS</u>			
Non-Municipal / Municipal [4.11 (a)] (120% of O&M Charge)	\$1,036.74	\$1,036.74	\$1,036.74
 <u>Town of Windsor</u>		\$1,000.46	
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)].			
	\$1,000.46		

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

FY 2021-22 BUDGET
SONOMA COUNTY WATER AGENCY
Operations and Maintenance Rate Computation

\$0.10

O & M REVENUE REQUIREMENT

FY21-22 ESTIMATED FISCAL YEAR EXPENDITURES \$54,548,404

LESS:

DepreciationAmortization	8,036,000
Investment Income, Interest on Pooled Cash, Charges for Services	36,000
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	13,908,250

REVENUE REQUIREMENT (Net Expenditures)	\$32,468,154
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O & M ACRE FOOT BASE

DELIVERIES:	46,095.3
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LESS:

Marin Municipal	5,769.3
Surplus (Irrigation)	98.4

TOTAL BASE DELIVERIES	40,227.6
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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

$$= \frac{32,468,154 - (4,300.00 \times 845.05) - (1,469.33 \times 845.05)}{46,095.3 - 98.4 - 5,769.3}$$

* = **685.92**

FY21-22
Proposed Water Rates

	<u>FY20-21</u>	<u>FY21-22</u>	
	(Actual)	(Proposed)	% Change
O&M Charge	656.51	685.92	4.48%
Water Management Planning Sub-Charge	0.92	0.00	-99.46%
Watershed Planning/Restoration Sub-Charge	117.33	132.66	13.06%
Recycled Water Sub-Charge	0.94	0.93	-0.76%
Water Conservation Sub-Charge	42.81	44.44	3.81%
Total O&M Charge	818.51	863.95	5.55%

Santa Rosa Aqueduct Rate

O&M Charge	818.51	863.95	5.55%
Aqueduct Facilities Capital Charges [4.6 e]	27.00	20.00	-25.9%
Storage Facilities Capital Charge [4.7]	24.28	23.12	-4.79%
Common Facilities Capital Charge [4.8]	97.16	93.39	-3.88%
TOTAL	966.95	1000.46	3.47%

Petaluma Aqueduct Rate

O&M Charge	818.51	863.95	5.55%
Aqueduct Facilities Capital Charges [4.6 e]	27.00	20.00	-25.9%
Storage Facilities Capital Charge [4.7]	24.28	23.12	-4.79%
Common Facilities Capital Charge [4.8]	97.16	93.39	-3.88%
TOTAL	966.95	1000.46	3.47%

Sonoma Aqueduct Rate

O&M Charge	818.51	863.95	5.55%
Aqueduct Facilities Capital Charges [4.6 e]	32.00	38.00	18.8%
Storage Facilities Capital Charge [4.7]	24.28	23.12	-4.79%
Common Facilities Capital Charge [4.8]	97.16	93.39	-3.88%
Sonoma Aqueduct Facilities Capital Charge	135.26	126.72	-6.31%
TOTAL	1107.21	1145.18	3.43%

SONOMA COUNTY WATER AGENCY
RUSSIAN RIVER CONSERVATION CHARGE COMPUTATION

FISCAL YEAR 2021-22

PROPERTY ASSESSMENT VALUES AS OF FY20-21:

<u>TAX CODE</u>	<u>ENTITY</u>	<u>SECURED</u>	<u>UNSECURED</u>	<u>TOTAL VALUE</u>
14000	Forestville Co Water District	470,126,418	2,432,566	\$472,558,984
42800	City of Cotati	1,216,318,370	27,665,079	1,243,983,449
43500	City of Petaluma	10,758,598,273	466,845,187	11,225,443,460
43800	City of Rohnert Park	6,019,197,873	148,611,950	6,167,809,823
44500	City of Santa Rosa	25,988,958,480	806,171,563	26,795,130,043
45000	City of Sonoma	3,089,579,981	89,202,824	3,178,782,805
N/A	Valley of the Moon Water District	3,799,224,241	30,066,078	3,829,290,319
	<i>TOTAL</i>	\$51,342,003,636	\$1,570,995,247	\$52,912,998,883

Notes:

- 1 Total value of secured and unsecured property in service areas of Prime Water Contractors of Sonoma County (see above) \$52,912,998,883
- 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 \$3,703,910
- 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. 31,945.69
- 5 Total Russian River Conservation Charge per Acre Foot (Line 3 / Line 4) \$115.94

Russian River Projects Charge

Historical calculations

RR Conservation Charge

Historical calculations

For FY	Calculated	Actual Charge	
06-07	17.02	\$17.02	\$48.33
07-08	21.4	\$20.00	\$52.70
08-09	25.08	\$20.00	\$58.44
09-10	24.68	\$20.00	\$57.70
10-11	24.4	\$20.00	\$74.62
11-12	23.44	\$20.00	\$72.27
12-13	20.38	\$20.00	\$72.08
13-14	14.72	\$14.72	\$63.30
14-15	8.72	\$8.72	\$63.90
15-16	12.39	\$12.39	\$69.38
16-17	12.96	\$12.96	\$78.73
17-18	13.08	\$13.08	\$105.78
18-19	9.13	\$9.13	\$109.75
19-20	8.34	\$8.34	\$102.09
20-21	8.68	\$8.68	\$106.12
21-22	10.63	\$10.63	\$115.94

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

		DELIVERING AQUEDUCT				Monthly Total
		Santa Rosa	Petaluma	Forestville	Sonoma	
36	Jan-18	1,307.1	1,496.0	25.4	228.5	3,057.1
35	Feb-18	1,097.9	1,292.8	20.2	210.7	2,621.6
34	Mar-18	1,059.5	1,691.3	19.3	179.0	2,949.0
33	Apr-18	1,361.0	2,012.0	27.2	267.7	3,667.9
32	May-18	1,475.9	2,043.2	29.0	340.3	3,888.4
31	Jun-18	1,825.4	2,338.6	37.5	406.5	4,608.0
30	Jul-18	2,244.4	2,877.4	53.4	577.1	5,752.3
29	Aug-18	1,748.3	2,239.0	47.9	446.1	4,481.3
28	Sep-18	1,681.1	2,073.3	44.8	411.1	4,210.4
27	Oct-18	1,931.3	2,273.1	43.0	449.9	4,697.3
26	Nov-18	1,409.2	1,759.8	28.8	329.2	3,527.0
25	Dec-18	1,326.0	1,720.4	24.2	299.4	3,370.1
24	Jan-19	1,002.3	1,176.4	19.0	198.2	2,396.0
23	Feb-19	1,098.3	1,137.9	18.4	176.0	2,430.7
22	Mar-19	1,165.9	1,028.0	20.8	164.9	2,379.6
21	Apr-19	1,265.0	1,794.2	24.6	177.3	3,261.2
20	May-19	1,117.0	2,055.4	29.2	264.6	3,466.1
19	Jun-19	1,588.5	2,062.7	32.1	315.4	3,998.7
18	Jul-19	2,297.8	2,778.4	51.7	538.0	5,666.1
17	Aug-19	1,872.0	2,185.7	48.2	456.5	4,562.4
16	Sep-19	1,734.9	2,078.1	41.9	457.0	4,311.9
15	Oct-19	2,000.5	2,290.4	48.3	514.5	4,853.8
14	Nov-19	1,502.4	1,484.6	40.2	410.9	3,438.0
13	Dec-19	1,307.8	1,339.8	18.4	276.7	2,942.8
12	Jan-20	1,029.5	1,198.3	18.9	168.7	2,415.4
11	Feb-20	1,100.9	1,411.3	20.3	170.5	2,702.9
10	Mar-20	1,258.5	1,644.6	22.2	268.9	3,194.3
9	Apr-20	1,483.7	1,749.8	27.9	289.9	3,551.3
8	May-20	1,532.6	1,713.9	30.7	356.7	3,633.9
7	Jun-20	1,700.7	2,162.3	42.3	471.0	4,376.3
6	Jul-20	2,458.9	2,844.2	55.9	631.6	5,990.6
5	Aug-20	1,889.6	2,304.7	47.2	532.0	4,773.5
4	Sep-20	1,656.9	2,133.9	42.0	444.3	4,277.1
3	Oct-20	2,108.6	2,653.4	52.5	522.1	5,336.7
2	Nov-20	1,318.5	2,013.1	31.8	360.4	3,723.7
1	Dec-20	1,329.1	2,126.5	27.3	289.9	3,772.8
Total Deliveries		55,287.1	69,184.4	1,212.6	12,601.8	138,285.8
3-Year Annual Average		18,429.0	23,061.5	404.2	4,200.6	46,095.3
Past 12 Months		18,867.4	23,956.0	418.9	4,506.1	47,748.4
Total Deliveries		55,287.1	69,184.4	1,212.6	12,601.8	138,285.8
Less: North Marin			18,671.0			18,671.0
Marin Municipal			17,308.0			17,308.0
Sonoma Co. Deliveries		55,287.1	33,205.4	1,212.6	12,601.8	102,306.8
3-Year Annual Average		18,429.0	11,068.5	404.2	4,200.6	34,102.3

FY 2021-22 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	39,209.5	685.92	26,894,512
2 OTHER AGENCY CUSTOMERS	1,015.5	1,196.18	1,214,695
3 MARIN MUNICIPAL (OFF-PEAK)	4,300.0	845.05	3,633,709
4 MARIN MUNICIPAL (SUPPLEMENTAL)	1,469.3	845.05	1,241,654
5 SURPLUS CUSTOMERS	101.0	858.71	86,689
TOTAL WATER SALES - O&M	46,095.3	N/A	\$33,071,259

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]	46,095.3	0.00	230
1b Watershed Planning/Restoration Sub-charge [4.14]	46,095.3	132.66	6,114,794
1c Recycled Water & Local Supply Sub-charge [4.15]	46,095.3	0.93	43,000
1d Water Conservation Sub-charge [4.16]	46,095.3	44.44	2,048,425
TOTAL WATER SALES - Subcharges	46,095.3	N/A	\$8,206,449

FY 2021-22 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	18,429.0	685.92	12,640,802

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]	18,429.0	0.00	92
1b Watershed Planning/Restoration Sub-charge [4.14]	18,429.0	132.66	2,444,713
1c Recycled Water & Local Supply Sub-charge [4.15]	18,429.0	0.93	17,192
1d Water Conservation Sub-charge [4.16]	18,429.0	44.44	818,966
TOTAL WATER SALES - Subcharges	18,429.0	N/A	\$3,280,963

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	18,429.0	20.00	368,581
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	18,429.0	23.12	426,014
Common Facilities Capital Charge [4.8]	18,429.0	93.39	1,721,095
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	18,429.0	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	18,429.0	N/A	\$2,515,690

TOTAL ESTIMATED REVENUE

\$18,437,455

FY 2021-22 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	23,061.5	685.92	15,818,266

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]	23,061.5	0.00	115
1b Watershed Planning/Restoration Sub-charge [4.14]	23,061.5	132.66	3,059,230
1c Recycled Water & Local Supply Sub-charge [4.15]	23,061.5	0.93	21,513
1d Water Conservation Sub-charge [4.16]	23,061.5	44.44	1,024,826
TOTAL WATER SALES - Subcharges	23,061.5	N/A	\$4,105,684

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	23,061.5	20.00	461,229
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	23,061.5	23.12	533,099
Common Facilities Capital Charge [4.8]	23,061.5	93.39	2,153,719
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	23,061.5	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	23,061.5	N/A	\$3,148,047

TOTAL ESTIMATED REVENUE

\$23,071,997

FY 2021-22 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	4,200.6	685.92	2,881,267

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]	4,200.6	0.00	21
1b Watershed Planning/Restoration Sub-charge [4.14]	4,200.6	132.66	557,233
1c Recycled Water & Local Supply Sub-charge [4.15]	4,200.6	0.93	3,919
1d Water Conservation Sub-charge [4.16]	4,200.6	44.44	186,670
TOTAL WATER SALES - Subcharges	4,200.6	N/A	\$747,843

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	4,200.6	38.00	159,623
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	4,200.6	23.12	97,103
Common Facilities Capital Charge [4.8]	4,200.6	93.39	392,296
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	4,200.6	126.72	532,318
TOTAL WATER SALES - Capital & Bond and Loan Charges	4,200.6	N/A	\$1,181,340

TOTAL ESTIMATED REVENUE

\$4,810,450

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Transmission System Agency Fund

Fund/Department No: 44205 33040100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	10,923,333	18,302,676		7,523,711		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	440,828	165,750	165,750	36,000	(129,750)	(78.28%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(32,837)	(120,000)	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	407,991	45,750	165,750	36,000	(129,750)	(78.28%)

INTERGOVERNMENTAL REVENUES

42282 State CalOES Disaster Funding	75,313	0	0	0	0	N/A
42284 State Cal OES Admin Allowance	7,532	0	0	0	0	N/A
42358 State Other Funding	0	0	0	0	0	N/A
42441 Federal FEMA Disaster Funding	301,251	0	0	0	0	N/A
42443 Federal FEMA Admin Allowance	10,244	0	0	0	0	N/A
42461 Federal Other Funding	0	0	0	0	0	N/A
42610 Other Governmental Agencies	0	0	0	0	0	N/A
42621 North Marin Water District	0	0	0	0	0	N/A
42701 Revenue Appl - PY Intergovmtl	0	0	0	0	0	N/A
SUBTOTAL	394,340	0	0	0	0	N/A

CHARGES FOR SERVICES

45062 Construct/Bldg Permit Rvw Svcs	0	0	0	0	0	N/A
45065 Inspection Fees	0	0	0	0	0	N/A
45223 Sewer/Water Hook up Fees	23,820	16,000	0	0	0	N/A
45301 Charges for Services	210,022	(108,000)	0	0	0	N/A
45314 Sale - Power	26,385	25,000	100,000	100,000	0	0.00%
45315 Sale - Water, Wholesale	28,865,328	30,167,874	30,167,874	33,071,259	2,903,385	9.62%
45316 Water Conservation	2,202,440	1,870,952	1,870,952	2,048,425	177,473	9.49%
45323 Common Fac Rev Bond Chg	3,102,444	3,545,690	3,545,690	3,529,049	(16,641)	(0.47%)
45324 Storage Fac Rev Bond Chg	1,065,782	797,136	797,136	785,991	(11,146)	(1.40%)
45325 Sonoma Aqueduct Rev Bond Chg	563,693	534,306	534,306	532,318	(1,988)	(0.37%)
45327 Santa Rosa Aqueduct Cap Chg	607,374	546,474	546,474	449,129	(97,345)	(17.81%)
45328 Petaluma Aqueduct Cap Chg	354,023	332,486	332,486	253,676	(78,810)	(23.70%)
45329 Sonoma Aqueduct Cap Chg	260,937	184,000	122,845	151,642	28,797	23.44%
45330 North Marin Rev Bond Chg	318,312	355,399	355,399	353,652	(1,747)	(0.49%)
45331 Water Mgmt Plan/Restore Chg	53,498	40,000	40,000	230	(39,770)	(99.43%)
45332 Watershed Plan/Restore Chg	4,830,925	5,128,067	5,128,067	6,114,794	986,727	19.24%
45333 Recycled Water & Local Supply	138,879	41,000	41,000	43,000	2,000	4.88%
45401 Revenue Appl PY Chgs for Svcs	0	0	0	0	0	N/A
SUBTOTAL	42,623,862	43,476,384	43,582,229	47,433,165	3,850,936	8.84%

Miscellaneous Revenues

46027 Insurance Claims Reimbursement	1,438,751	0	0	0	0	N/A
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Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	6,206	5,000	0	0	0	N/A
46041 Discounts Earned	6	15	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	0	500	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	129,486	4,500	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	1,574,449	10,015	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	45,000,641	43,532,149	43,747,979	47,469,165	3,721,186	8.51%

EXPENDITURES**SERVICES AND SUPPLIES**

51021 Communications Expense	0	0	0	0	0	N/A
51031 Waste Disposal Services	0	0	0	0	0	N/A
51032 Janitorial Services	6,240	9,495	6,600	6,600	0	0.00%
51041 Insurance - Liability	0	11,000	11,000	11,000	0	0.00%
51061 Maintenance - Equipment	915,932	1,111,809	1,065,000	1,465,000	400,000	37.56%
51071 Maintenance - Bldg & Improve	1,366	0	0	0	0	N/A
51072 Landscaping Services	0	100,000	0	0	0	N/A
51077 Maint-Infrastructure	0	0	0	0	0	N/A
51083 VSP Premiums	0	220	220	220	0	0.00%
51205 Advertising/Marketing Svc	0	100	100	100	0	0.00%
51209 Information Tech Svc (non ISD)	120	1,500	1,500	1,500	0	0.00%
51211 Legal Services	13,179	11,500	11,500	12,000	500	4.35%
51212 Outside Counsel - Legal Advice	0	100,700	1,200	1,200	0	0.00%
51214 Agency Extra/Temp Help	0	0	0	0	0	N/A
51226 Consulting Services	0	25,091	0	0	0	N/A
51230 Security Services	2,676	2,600	2,600	2,600	0	0.00%
51231 Testing/Analysis	124,332	145,000	125,000	135,000	10,000	8.00%
51241 Outside Printing and Binding	1,016	2,500	2,500	2,500	0	0.00%
51242 Bank Charges	30	50	50	50	0	0.00%
51244 Permits/License/Fees	109,031	90,000	65,000	90,000	25,000	38.46%
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	480,577	425,000	425,000	500,000	75,000	17.65%
51421 Rents and Leases - Bldg/Land	0	1,600	1,600	1,600	0	0.00%
51601 Training Services	3,160	18,000	18,000	18,000	0	0.00%
51602 Business Travel/Mileage	6,207	10,000	10,000	10,000	0	0.00%
51605 Private Car Expense	602	1,100	1,100	1,100	0	0.00%
51801 Other Services	0	10,000	10,000	10,000	0	0.00%
51803 Other Contract Services	2,771,055	11,607,726	6,503,910	5,876,645	(627,265)	(9.64%)
51902 Telecommunication Usage	43,278	85,000	85,000	85,000	0	0.00%

Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
51911 Mail Services	137	150	150	150	0	0.00%
51917 District Operations Chgs	14,796,660	15,774,671	15,774,671	16,649,480	874,809	5.55%
51921 Equipment Usage Charges	859,329	950,000	950,000	900,000	(50,000)	(5.26%)
52021 Clothing, Uniforms, Personal	4,285	13,500	13,500	13,500	0	0.00%
52031 Food	269	700	700	700	0	0.00%
52041 Household Supplies Expense	0	300	300	300	0	0.00%
52042 Janitorial Supplies	231	1,000	1,000	1,000	0	0.00%
52061 Fuel/Gas/Oil	43,263	7,100	7,100	45,000	37,900	533.80%
52071 Materials and Supplies Expense	22,723	56,438	6,000	30,000	24,000	400.00%
52072 Chemicals	681,114	900,000	900,000	900,000	0	0.00%
52081 Medical/Laboratory Supplies	18,626	20,000	20,000	20,000	0	0.00%
52091 Memberships/Certifications	35,116	45,000	40,000	37,500	(2,500)	(6.25%)
52101 Other Supplies	0	30,000	30,000	0	(30,000)	(100.00%)
52111 Office Supplies	3,747	12,500	12,500	12,500	0	0.00%
52114 Freight/Postage	0	1,000	1,000	1,000	0	0.00%
52115 Books/Media/Subscriptions	1,119	500	500	500	0	0.00%
52117 Mail and Postage Supplies	1,207	5,500	1,500	1,500	0	0.00%
52141 Minor Equipment/Small Tools	99,377	155,150	155,000	150,000	(5,000)	(3.23%)
52142 Computer Equipment/Accessories	1,732	7,000	7,000	10,000	3,000	42.86%
52143 Computer Software/Licensing Fees	28,998	40,000	40,000	40,000	0	0.00%
52162 Special Department Expense	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
52191 Utilities	441	500	500	500	0	0.00%
52193 Utilities - Electric	3,264,531	3,500,000	3,500,000	3,500,000	0	0.00%
SUBTOTAL	24,341,706	35,291,000	29,808,301	30,543,745	735,444	2.47%
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	3,433	54,000	54,000	54,000	0	0.00%
53402 Depreciation Expense	6,456,095	7,762,000	7,762,000	7,982,000	220,000	2.83%
53403 Loss - Disposed Capital Asset	0	0	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	6,459,527	7,816,000	7,816,000	8,036,000	220,000	2.81%
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 - Eq	36,258	0	0	190,000	190,000	N/A
19841 Work in Progress - Intang	282	0	0	223,720	223,720	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	36,540	0	0	413,720	413,720	N/A

Section Title:

Water Transmission System Agency Fund

Fund/Department No:

44205

33040100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	13,292,244	19,020,113	12,990,358	15,554,939	2,564,581	19.74%
57012 Transfers Out - btw Govtl Fund	60,000	0	0	0	0	N/A
SUBTOTAL	13,352,244	19,020,113	12,990,358	15,554,939	2,564,581	19.74%
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	44,190,017	62,127,113	50,614,659	54,548,404	3,933,745	7.77%
Adjustments to Reserves/Encumbrances:						
Depreciation	6,459,527	7,816,000		8,036,000		
Donated Asset (Caltrans)	0					
Outstanding Encumbrances - Net Change	115,506	0				
Capitalized Interest	0					
Gain/Loss on disposal of fixed assets	0					
Unrealized Gain/ Loss (GASB 31)	32,837					
Change in Prepaid Expense	25,671					
Change in Prudent Reserve						
Post audit adjustments - Payables	(64,822)					
Rounding	(1)					
ENDING FUND BALANCE	18,302,676	7,523,711		8,480,472		

Operations and Maintenance 44205 Fund Balance Reserve Goal
Over/(Under) Goal

7,739,366
741,106

Water Transmission System Agency Fund
Major Services & Supplies Expenditure Items

Fund/Department No:

44205

33040100

	Actual FY19-20	Adopted FY20-21	Requested FY21-22	Difference	Percent Change
<u>51061 Maintenance - Equipment</u> Increase for collector well pump and valve replacements and chlorine and pH projects to build system resiliency.	915,932	1,065,000	1,465,000	400,000	37.6%
<u>51211 Legal Services</u> Reflects five year average expenditures.	13,179	11,500	12,000	500	4.3%
<u>51231 Testing/Analysis</u> Increase due to fire-related water quality testing.	124,332	125,000	135,000	10,000	8.0%
<u>51803 Other Contract Services</u> Decrease due to tank maintenance contracting delays and change in approach. Tank maintenance program will cost an estimated \$1 million per year (prior year budgets will roll forward). Recoat projects will be bid under separate contracts.	2,771,055	6,503,910	5,876,645	(627,265)	-9.6%
<u>51917 District Operations Chgs</u> Increase attributable to increase in maintenance to build system resiliency (pumps, pipes, valves, chlorine and pH projects), and regional water supply resiliency, water quality studies, and emergency response planning and training.	14,796,660	15,774,671	16,649,480	874,809	5.5%
<u>51921 Equipment Usage Charges</u> Reflects five year average expenditures.	859,329	950,000	900,000	(50,000)	-5.3%
<u>52072 Chemicals</u> No increase anticipated over FY2020-2021 budget.	681,114	900,000	900,000	0	0.0%
<u>52141 Minor Equipment/Small Tools</u> Reflects five year average expenditures.	99,377	155,000	150,000	(5,000)	-3.2%
<u>52193 Utilities - Electric</u> No increase anticipated over FY2020-2021 budget.	3,264,531	3,500,000	3,500,000	0	0.0%

2021-22

Water Transmission System Agency Fund

51061	Maintenance - Equipment	AMOUNT
1	Cotati AQ Repair-Peterson Hole	70,000
2	Collector 3 Pump 6 Bowl Assembly	110,000
3	Collector 3 Pump 6 Column Set Assembly	310,000
4	Collector 5 Replacement Pump Control Valves	80,000
5	Dunbar Meter Vault Removal	20,000
6	Electrical Supplies and Maintenance Services	355,000
7	Groundwater Monitoring Instruments	25,000
8	Hardware and Miscellaneous Supplies	50,000
9	Mainline Valve Replacement	200,000
10	Pump and Pipeline Supplies and Maintenance Services	50,000
11	Riverfront Park Maintenance - Regional Parks	150,000
12	Santa Rosa Plain Well Monitoring Program (SW Wells)	25,000
13	WT Monitoring Well Pressure Transducers	20,000
		\$ 1,465,000

51803	Other Contract Services	AMOUNT
1	Aqueduct Condition Assessments	200,000
2	As-Needed Dive Services	50,000
3	Asset Management	300,000
4	Cathodic Protection - Maintenance	109,100
5	Cathodic Protection - SR/Cotati	3,120,045
6	Chlorine Systems Assessment for Mirabel and Wohler	200,000
7	Collector 3,5,6 Seismic Mitigation Planning	250,000
8	Crane and Hoist Inspection and Certification	50,000
9	Hazardous Materials Management	40,000
10	LHMP Program Planning	30,000
11	Maintenance Agreements	200,000
12	pH System Assessment and Update	200,000
13	SCADA Improvements	250,000
14	Sonoma Youth Ecology Corps	32,000
15	Water Transmission System Fire Related Vegetation Maintenan	200,000
16		
17	Community Outreach Program	10,000
18	Integrated Water Management Plan	
19	Bay Area	5,500
20	North Coast	75,000
21	Legislative Advocacy - Federal	95,000
22	Legislative Advocacy - State	45,000
23	North Bay Water Regional Outreach Coordination	25,000
24	Hydrography Study	15,000
25	Regional Water Supply Resiliency Study	175,000
26	RRIFR Mirabel Dam Salmonid Monitoring	25,000
27	Transmission System Monitoring Master Plan	125,000
28	Watershed and Riverbank Filtration Water Quality Studies	50,000
		\$ 5,876,645

51803 Other Contract Services Project Information

FY21-22

Aqueduct Condition Assessments

200,000

Prepare an assessment report that reviews the water system pipeline infrastructure to develop an approach and framework for a risk-based prioritization model to conduct inspections. The project will evaluate appropriate pipeline inspection technologies and formulate an inspection projects prioritization plan.

Asset Management

300,000

The primary objectives of Sonoma Water's Asset Management Program (AMP) are to improve the cost-effective management of assets throughout their life-cycle, promote data sharing and interconnectivity, and demonstrate fiscal responsibility. Phase 1 included review of Sonoma Water's current asset management practices, development of an AMP vision and charter, asset management framework, identifying business improvement opportunities for data integration and management, and establishing an enterprise-wide AMP Statement of commitments. To date the AMP has delivered: Asset Management Framework Tech Memo; State of the Assets Tech Memo; Asset Management Implementation Plan (AMIP) Report; and Asset Management Program Statement of Commitments. In FY21-22, Phase 2 will include a Mirabel Production Facility asset inventory, condition assessment, and updating the Asset Management Implementation Plan.

Cathodic Protection - SR/Cotati

3,120,045

Provide improvements to upgrade/rehabilitate the cathodic protection system along the existing Santa Rosa Aqueduct and Russian River-Cotati Intertie. The project includes replacing the existing corrosion protection system with an impressed current corrosion protection system. These systems have a useful life of approximately 50 years and allow for remotely assessing the condition of the pipeline and adjusting the corrosion protection system as the pipeline properties change (soil and moisture characteristics surrounding the pipeline). The project will be constructed in two phases with a completed project that consists of 27 corrosion protection well sites and 51 test stations.

Collector 3,5,6 Seismic Mitigation Planning

250,000

Develop and evaluate strategies to mitigate seismically-induced liquefaction and lateral spread vulnerabilities for collector wells in the Wohler and Mirabel area. Conduct geo-structural modeling analysis and risk assessment to identify project concepts that can be further evaluated for future implementation feasibility.

LHMP Program Planning

30,000

The LHM program planning and design effort provides for the maintenance and update to the Local Hazard Mitigation Plan (required for FEMA funding) and the preliminary development of mitigation project concepts for the purposes of preparing grant applications and refining projected costs of projects associated with the Natural Hazard Reliability Mitigation Program.

pH System Assessment and Update

200,000

Upgrade the pumps and programmable logic controls in both Wohler and Mirabel caustic soda (pH) buildings, to make them more efficient and program-compatible with forthcoming electronic and supervisory control and data acquisition (SCADA) master plans. The pumps and programmable logic controls will replace existing equipment.

SCADA Improvements

250,000

SCADA software and hardware: The scope of the project is to upgrade SCADA workstations and software to current supported versions. Other objectives include upgrades to field components such as Programmable Logic Controllers and Remote Telemetry devices.

SCADA Upgrade: The scope of this project is to reassess and revamp programming standards to accommodate current technologies as well as implement these new standards to streamline maintenance and operations.

SCADA team will also coordinate with Asset Management Team to achieve alignment between asset management and SCADA systems.

Hydrography Study

15,000

In order to better understand tributary flow dynamics on water supply and aquatic habitats, Sonoma Water hired Mike Webster as a consultant to assist with the installation and maintenance of an extensive stream gauging network of tributaries to the Russian River. Over the last fiscal year, Mike Webster has continued to capture manual stream discharge measurements at multiple gauged tributaries in order to maintain stream discharge rating curves. Mike Webster used his rating curves and stream flow measurements to develop an annual discharge computation for Feliz Creek, providing Sonoma Water with a daily streamflow summary for the tributary. Additionally, Mike continues to maintain real time stream gauging equipment, fixes and/or replaces damaged instruments and provides guidance to Sonoma Water staff in order to ensure that best practices are followed in capturing surface water streamflow.

51803 Other Contract Services Project Information

FY21-22

Regional Water Supply Resiliency Study

175,000

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.

Transmission System Monitoring Master Plan

125,000

Develop a Water Transmission System Monitoring Master Plan to evaluate the existing water system operations monitoring equipment infrastructure, assess operational and regulatory requirements, and develop guidelines for design, operation and maintenance of all components in the monitoring network.

Watershed and Riverbank Filtration Water Quality Studies

50,000

Sonoma Water, in an effort to better understand the natural filtration process, has completed numerous Russian River aquifer research projects in the vicinity of its riverbank filtration facilities. This research has been conducted over approximately the past 15 years through various in-house studies as well as cooperative programs with other agencies including the US Geological Survey and Lawrence Berkeley National Laboratory. Sonoma Water wishes to develop a list of qualified firms to provide technical support as needed for these ongoing efforts.

DRAFT

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Management Planning

Fund/Department No: 44210 33041000

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	633,917	685,080		478,041		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	14,599	7,735	7,735	1,680	(6,055)	(78.28%)
44050 Unrealized Gains and Losses	(1,586)	(6,000)	0	0	0	N/A
SUBTOTAL	13,013	1,735	7,735	1,680	(6,055)	(78.28%)
INTERGOVERNMENTAL REVENUE						
42619 Town of Windsor	3,731	2,226	2,226	12	(2,214)	(99.45%)
SUBTOTAL	3,731	2,226	2,226	12	(2,214)	(99.45%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	53,499	40,000	40,000	230	(39,770)	(99.43%)
47102 Transfers In - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	53,499	40,000	40,000	230	(39,770)	(99.43%)
TOTAL REVENUES	70,243	43,961	49,961	1,922	(48,039)	(96.15%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51205 Advertising Marketing	0	0	0	0	0	N/A
51211 Legal Services	0	1,000	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
51601 Training/Conference Expenses	247	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	8,857	200,000	125,000	50,000	(75,000)	(60.00%)
51917 District Operations Chgs	20,236	50,000	50,000	30,000	(20,000)	(40.00%)
51921 Equipment Usage Charges	184	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
SUBTOTAL	29,524	251,000	175,000	80,000	(95,000)	(54.29%)
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 Func	0	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	29,524	251,000	175,000	80,000	(95,000)	(54.29%)
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	8,857	0		0		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	1,586	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	685,080	478,041		399,963		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Watershed Planning/Restoration

Fund/Department No: 44215 33041100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	9,055,666	10,980,934		4,112,850		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	251,251	66,300	66,300	14,400	(51,900)	(78.28%)
44050 Unrealized Gains and Losses	(20,843)	(75,000)	0	0	0	N/A
SUBTOTAL	230,408	(8,700)	66,300	14,400	(51,900)	(78.28%)
INTERGOVERNMENTAL REVENUE						
42461 Federal Other Funding	20,459	75,000	75,000	75,000	0	0.00%
42619 Town of Windsor	336,954	285,341	285,341	322,618	37,277	13.06%
SUBTOTAL	357,413	360,341	360,341	397,618	37,277	10.34%
CHARGES FOR SERVICES						
45301 Charges for Services	0	0	0	0	0	N/A
45332 Watershed Plan/Restore Chg	43,758	45,000	40,000	40,000	0	0.00%
Subtotal Charges for Service	43,758	45,000	40,000	40,000	0	0.00%
MISCELLANEOUS REVENUE						
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	400,000	400,000	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	500	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revent	20,391	(20,391)	0	0	0	N/A
SUBTOTAL	20,891	(20,391)	0	400,000	400,000	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	4,831,047	5,128,067	5,128,067	6,114,794	986,727	19.24%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	4,831,047	5,128,067	5,128,067	6,114,794	986,727	19.24%
TOTAL REVENUES	5,483,517	5,504,317	5,594,708	6,966,812	1,372,104	24.53%
EXPENDITURES						
SERVICES AND SUPPLIES						
51021 Communication Expense	0	0	0	0	0	N/A
51061 Maintenance - Equipment	41,989	1,500	0	0	0	N/A
51205 Advertising Marketing	482	0	0	0	0	N/A
51209 Information Tech Svc (non ISD)	0	0	0	0	0	N/A
51211 Legal Services	8,929	2,500	0	0	0	N/A
51212 Legal Services - External	473	1,000	0	0	0	N/A
51221 Medical/Laboratory Services	0	0	0	0	0	N/A
51226 Consulting Services	0	22,762	0	0	0	N/A
51231 Testing/Analysis	44,845	52,900	0	0	0	N/A
51241 Outside Printing and Binding	69	0	0	0	0	N/A
51244 Permits/License/Fees	57,679	10,000	0	0	0	N/A
51401 Rents and Leases - Equipment	323	5,000	0	0	0	N/A
51601 Training/Conference	270	0	0	0	0	N/A
51602 Business Travel/Mileage	141	0	0	0	0	N/A
51605 Private Car Expense	897	2,000	0	0	0	N/A
51801 Other Services	0	0	0	0	0	N/A
51803 Other Contract Services	1,442,927	5,775,055	4,436,000	3,904,405	(531,595)	(11.98%)

Section Title:

Watershed Planning/Restoration

Fund/Department No:

44215 33041100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
51902 Telecommunication Usage	472	300	0	0	0	N/A
51917 District Operations Chgs	1,878,571	2,864,484	2,146,067	2,359,250	213,183	9.93%
51921 Equipment Usage Charges	30,544	26,000	0	0	0	N/A
52021 Clothing, Uniforms, Personal	1,864	400	0	0	0	N/A
52031 Food	355	0	0	0	0	N/A
52042 Janitorial Supplies	0	0	0	0	0	N/A
52043 Safety Supplies/Equipment	0	0	0	0	0	N/A
52061 Fuel/Gas/Oil	0	0	0	0	0	N/A
52063 Vehicle Parts	0	0	0	0	0	N/A
52071 Materials and Supplies Expens	3,444	0	0	0	0	N/A
52081 Medical/Laboratory Supplies	0	0	0	0	0	N/A
52091 Memberships/Certifications	0	0	0	0	0	N/A
52101 Other Supplies	0	0	0	0	0	N/A
52111 Office Supplies	183	0	0	0	0	N/A
52114 Freight/Postage	703	0	0	0	0	N/A
52115 Books/Media	351	500	0	0	0	N/A
52117 Mail and Postage Supplies	30	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	9,636	0	0	0	0	N/A
52142 Computer Equipment/Accesso	65	0	0	0	0	N/A
52143 Computer Software	0	0	0	0	0	N/A
52181 Business Meals/Supplies	0	0	0	0	0	N/A
52191 Utilities Expense	0	0	0	0	0	N/A
SUBTOTAL	3,525,241	8,764,401	6,582,067	6,263,655	(318,412)	(4.84%)
OTHER CHARGES						
53104 Other Interest Expense	0	0	0	0	0	N/A
53402 Depreciation Expense	12,050	16,000	16,000	8,000	(8,000)	(50.00%)
53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	12,050	16,000	16,000	8,000	(8,000)	(1)
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	0	0	0	0	N/A
19841 Acq-WIP-Intangibles	233,163	3,600,000	2,495,000	1,022,139	(1,472,861)	
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	233,163	3,600,000	2,495,000	1,022,139	(1,472,861)	(1)
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	3,770,454	12,380,401	9,093,067	7,293,794	(1,799,273)	(19.79%)
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	311,763	0				
Capital Interest	0	0				
Depreciation	12,050	8,000		8,000		
Change in prepaid expense	333	0				
Unrealized Gain/ Loss (GASB 31)	20,843	0				
Audit Adjustment (A/P)	(132,783)	0				
Rounding	(1)	0				
ENDING FUND BALANCE	10,980,934	4,112,850		3,793,868		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Recycled Water and Local Supply

Fund/Department No: 44220 33041200

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	407,407	212,245		167,101		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	14,206	16,575	16,575	480	(16,095)	(97.10%)
44050 Unrealized Gains and Losses	(3,831)	(7,700)	0	0	0	N/A
SUBTOTAL	10,375	8,875	16,575	480	(16,095)	(97.10%)
INTERGOVERNMENTAL REVENUE						
42358 State Other Funding	0	0	0	0	0	N/A
42619 Town of Windsor	9,687	2,281	2,281	2,269	(12)	(0.54%)
SUBTOTAL	9,687	2,281	2,281	2,269	(12)	(0.54%)
CHARGES FOR SERVICES						
45301 Charges for Services	0	0	0	0	0	N/A
45333 Recycled Water & Local Supply	0	0	0	0	0	N/A
45401 Revenue Appl PY Chgs for Svcs	0	0	0	0	0	N/A
SUBTOTAL	0	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	138,882	41,000	41,000	43,000	2,000	4.88%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	138,882	41,000	41,000	43,000	2,000	4.88%
TOTAL REVENUES	158,944	52,156	59,856	45,749	(14,107)	(23.57%)

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	0	0	0	0	0	N/A
51212 Legal Services - External	0	0	0	0	0	N/A
51226 Consulting Services	0	0	0	0	0	N/A
51241 Outside Printing and Binding	0	0	0	0	0	N/A
51244 Permits/License/Fees	0	0	0	0	0	N/A
51401 Rents and Leases - Equipment	0	0	0	0	0	N/A
51601 Training Services	0	0	0	0	0	N/A
51602 Business Travel/Mileage	0	0	0	0	0	N/A
51803 Other Contract Services	5,993	0	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	0	15,000	15,000	15,000	0	0.00%
51921 Equipment Usage Charges	0	0	0	0	0	N/A

Section Title:

Recycled Water and Local Supply

Fund/Department No:

44220

33041200

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
52031 Food	0	0	0	0	0	N/A
52061 Fuel/Gas	0	0	0	0	0	N/A
52101 Other Supplies	0	0	0	0	0	N/A
52115 Books/Media/Subscriptions	0	0	0	0	0	N/A
52117 Mail and Postage Supplies	0	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	0	0	0	0	0	N/A
52143 Computer Software/Licensing Fees	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
52191 Utilities Expense	0	0	0	0	0	N/A
SUBTOTAL	5,993	15,000	15,000	15,000	0	0.00%
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	6,000	6,000	6,000	0	0.00%
53501 Contributions	373,785	80,000	80,000	80,000	0	0.00%
SUBTOTAL	379,751	86,000	86,000	86,000	0	0.00%
FIXED ASSETS						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	0	2,300	0	0	0	N/A
19841 Work in Progress - Intang	0	0	0	0	0	N/A
SUBTOTAL	0	2,300	0	0	0	N/A
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	385,744	103,300	101,000	101,000	0	0.00%
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	65,033	0				
Change in Windsor Reserve	(43,192)	0				
Capital Interest	0	0		0		
Depreciation	5,966	6,000		6,000		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	3,831	0		0		
Rounding	0	0				
ENDING FUND BALANCE	212,245	167,101		117,850		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Conservation

Fund/Department No: 44225 33041300

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	1,319,002	1,340,818		902,304		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	38,755	16,575	16,575	3,360	(13,215)	(79.73%)
44050 Unrealized Gains and Losses	(3,309)	(11,000)	0	0	0	N/A
SUBTOTAL	35,446	5,575	16,575	3,360	(13,215)	(79.73%)
INTERGOVERNMENTAL REVENUE						
42358 State Other Funding	116,305	389,943	283,148	592,575	309,427	109.28%
42461 Federal Other Funding	0	0	0	0	0	N/A
42610 Other Governmental Agencies	0	0	0	0	0	N/A
42611 City of Santa Rosa	0	0	0	0	0	N/A
42612 City of Petaluma	0	0	0	0	0	N/A
42613 City of Rohnert Park	0	0	0	0	0	N/A
42615 City of Cotati	0	0	0	0	0	N/A
42618 City of Sonoma	0	0	0	0	0	N/A
42619 Town of Windsor	153,619	104,105	104,105	108,075	3,970	3.81%
42621 North Marin Water District	0	0	0	0	0	N/A
SUBTOTAL	269,924	494,048	387,253	700,650	313,397	80.93%
Charges for Services						
45301 Charges for Services	55,325	15,000	15,000	37,000	22,000	146.67%
45316 Water Conservation	20,000	20,000	0	0	0	N/A
SUBTOTAL	75,325	35,000	15,000	37,000	22,000	146.67%
MISCELLANEOUS REVENUE						
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	90,000	90,000	380,000	290,000	322.22%
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	0	0	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	11,585	0	0	0	0	N/A
46204 PY Intergovmntl Rev - Other	0	1	0	0	0	N/A
46215 Other Grants	0	0	0	0	0	N/A
SUBTOTAL	11,585	90,001	90,000	380,000	290,000	322.22%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	2,202,495	1,870,952	1,870,952	2,048,425	177,473	9.49%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	2,202,495	1,870,952	1,870,952	2,048,425	177,473	9.49%
TOTAL REVENUES	2,594,776	2,495,576	2,379,780	3,169,435	789,655	33.18%
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	700	3,000	0	0	0	N/A
51205 Advertising/Marketing Svc	25,190	50,000	0	0	0	N/A
51209 Information Tech Svc (non ISD)	531	150	0	0	0	N/A
51211 Legal Services	3,657	3,300	0	0	0	N/A

Section Title:

Water Conservation

Fund/Department No:

44225

33041300

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
51214 Agency Extra/Temp Help	0	0	0	0	0	N/A
51225 Training Services	0	1,000	0	0	0	N/A
51230 Security Services	0	220	0	0	0	N/A
51241 Outside Printing and Binding	17,993	60,000	60,000	53,500	(6,500)	(10.83%)
51244 Permits/License	0	0	0	0	0	N/A
51249 Other Professional Services	0	0	0	0	0	N/A
51250 Planning/Mapping/Inspections	0	0	0	0	0	N/A
51301 Publications and Legal Notices	0	0	0	0	0	N/A
51401 Rents and Leases - Equipment	92	200	0	0	0	N/A
51601 Training Services	3,214	6,200	0	0	0	N/A
51602 Business Travel/Mileage	675	0	13,000	13,000	0	0.00%
51605 Private Car Expense	659	1,000	0	0	0	N/A
51801 Other Services	0	0	0	0	0	N/A
51803 Other Contract Services	156,469	343,510	334,100	585,800	251,700	75.34%
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	1,672,192	1,560,000	1,560,000	1,900,000	340,000	21.79%
51921 Equipment Usage Charges	9,375	8,000	0	0	0	N/A
52021 Clothing, Uniforms	50	200	0	0	0	N/A
52031 Food	1,124	800	0	0	0	N/A
52042 Janitorial Supplies	0	0	0	0	0	N/A
52061 Fuel/Gas/Oil	0	0	0	0	0	N/A
52071 Materials and Supplies Expense	40,763	75,000	75,000	75,000	0	0.00%
52091 Memberships/Certifications	15,594	12,000	12,000	12,000	0	0.00%
52101 Other Supplies	0	0	0	0	0	N/A
52111 Office Supplies	1,262	1,200	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	674	0	0	0	0	N/A
52117 Mail and Postage Supplies	216	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	24,544	0	0	0	0	N/A
52142 Computer Equipment/Accessories	0	500	0	0	0	N/A
52162 Special Department Expense	0	0	0	0	0	N/A
52171 Water Conservation Program	135,145	701,364	470,000	379,000	(91,000)	(19.36%)
52181 Business Meals/Supplies	0	0	0	0	0	N/A
SUBTOTAL	2,110,117	2,827,644	2,524,100	3,018,300	494,200	19.58%
<u>OTHER CHARGES</u>						
53500 Contributions Non-County Agy	0	0	0	0	0	N/A
53501 Contributions	0	0	0	556,700	556,700	N/A
SUBTOTAL	0	0	0	556,700	556,700	N/A
<u>OTHER FINANCING USES</u>						
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	2,110,117	2,827,644	2,524,100	3,575,000	1,050,900	41.63%
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Chan	(333,249)	0		0		
Change in Windsor Reserve	(133,015)	(106,446)		0		
Change in Prepaid Expense	110	0		0		
Unrealized Gain/ Loss (GASB 31)	3,309	0		0		
Rounding	2	0		0		
ENDING FUND BALANCE	1,340,818	902,304		496,740		

Water Transmission Budget

2021-22

Itemized Detail for Subfunds Consulting/Contractual Services

Budget
FY21-22

Water Management Planning

Water Demand Analysis/ Financial Modeling: Develop scope, cost, energy requests, and schedule of transmission system projects required to meet Sonoma Water's portion of UWMP-identified projected demands through the Urban Water Management planning horizon. Projects will be identified using Sonoma Water's transmission system hydraulic model. Next UWMP due July 1, 2021.	\$ 25,000
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Watershed Planning/Restoration

<p><u>RRIFR Decision 1610 Change Petition:</u> Russian River Flows: Assist in preparation of draft 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 Sonoma Water staff, with assistance from consultants on some areas of analysis. A Draft EIR was released on August 19, 2016. In FY19/20, work was focused on preparation of Draft EIR for recirculation, including modeling updates. In FY20/21, most of the work will focus on preparing the recirculated Draft EIR,. Work also includes submission of annual Temporary Urgency Change (TUC) Petition to the State Board to approve the requested changes to minimum in-stream flows as identified in the Biological Opinion and fisheries and water quality monitoring and reporting required by the State Board TUC Order. Compared to FY20-21, the Decision 1610 Change Petition budget has increased \$156,000. The increase is attributable to the anticipated level of effort to prepare the recirculated Draft EIR and a Final EIR. Work anticipated for FY21-22 includes work on the recirculated draft EIR, reviewing public comments, preparation of the Final EIR, and presentation to the Board of Directors to certify, as well as monitoring and reporting related to the annual TUC.</p>	\$ 288,000
<p><u>RRIFR Estuary Management:</u> Required Annual Biological Opinion Activities: Sonoma Water, in consultation with NMFS, California Department of Fish & Wildlife (CDFW) and the U.S. Army Corps of Engineers (Corps), is required to annually prepare a lagoon outlet adaptive management plan by April 1; conduct and record monthly surveys of the beach topography and the outlet channel; use a time lapse video camera to record the interaction of waves, tides and the river mouth; conduct baseline monitoring of seals and other pinnipeds, conduct estuary water quality monitoring, conduct extensive surveys of estuary invertebrates; conduct juvenile steelhead and coho salmon rearing surveys, and prepare annual reports. Other FY19/20 and FY20/21 activities include installation and monitoring of downstream migrant salmonid traps and water quality monitoring stations, and flood risk feasibility studies. Compared to FY20-21, the Estuary Management budget has increased approximately \$90,000. The increase is attributable to level of staff effort anticipated for monitoring and for purchase and replacement of equipment related to fisheries monitoring, Work anticipated for FY21-22 includes preparation of the annual adaptive management plan and continuation of required monitoring and studies.</p>	\$ 330,000
<p><u>Upper Russian River Water Quality Monitoring:</u> This water quality monitoring was conducted in FY19-20 for the Upper Russian River, including the East Fork Russian River above Lake Mendocino and Lake Mendocino to contribute to planning and modeling efforts for the Potter Valley Project (PVP), Lake Mendocino management, Fish Habitat Flows and Water Rights Project, and the Forecast Informed Reservoir Operations (FIRO) projects. Monitoring included the deployment of datasondes and collection of grab samples, as well as laboratory analysis. The budget has decreased \$46,000 due to changes in field data collection and analysis. Work anticipated for FY21-22 includes the efforts described above.</p>	\$ 23,000
<p><u>Winter Russian River Algae /WQ Monitoring:</u> This water quality monitoring was conducted for over winter water quality and algae monitoring on the mainstem Russian River to collect data on conditions during changes in watershed hydrology. Monitoring included deployment of datasondes, collection of grab samples, sampling of algae, as well as laboratory analysis. Compared to FY20-21, the budget for FY21-22 remains the same for this activity. Work</p>	\$ 14,000

2/25/2021

Water Transmission Budget

2021-22

Itemized Detail for Subfunds Consulting/Contractual Services

	Budget FY21-22
<u>Landscape Resiliency</u> : Build fire landscape resiliency through vegetation management at Lake Sonoma to protect source water quality in partnership with the U.S. Army Corps and with offsetting matching revenue from PGE Settlement Funds.	\$ 400,000
	<u>\$ 655,000</u>
<u>Recycled Water and Local Supply</u>	
Funding for Groundwater Management in FY 20/21 for Groundwater Sustainability activities.	\$ 80,000
	<u>\$ 80,000</u>
<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	\$ 53,500
<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	\$ -
Garden Sense Contract: Funding provides onsite visits by local master gardeners to support local turf removal programs	\$ 20,000
Green Business Program: Funding to staff a part time position which provides water assessments for local businesses pursuing the Green Business Certification	\$ 30,000
Online Educational Content: Development of online educational content	\$ 25,000
Plant Labeling Program: Funding for nursery liaison to ensure locally appropriate plants are labeled	\$ 15,000
QWEL: Local instructors to teach QWEL trainings and Database maintenance contract	\$ 33,000
Sonoma County Fair: Materials and hardware that are WUE focused for distribution at the Sonoma County fair	\$ 15,000
Sonoma Marin Saving Water Partnership Website: Website hosting and maintenance	\$ 24,000
Water Education Bus Contract to shuttle kids from school to field study sites	\$ 41,800
Water Loss Programs: Technical assistance for regional water loss meetings and supply meter assessment and testing plan, Prop 1 grant for leakage component analysis.	\$ 50,000
	<u>\$ 253,800</u>

2/25/2021

Water Transmission Budget

2021-22

Itemized Detail for Subfunds Consulting/Contractual Services

**Budget
FY21-22**

51917-District Operations Chgs

Salaries, benefits and overhead costs for staff assigned to projects budgeted within the Water Conservation Fund.	\$ 1,900,000
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52071-Materials and Supplies Expense

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

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

Outdoor Water Use Focused Programs: Qualified Water Efficient Landscaper Training in English and Spanish, Garden Sense funding provides onsite visits by local master gardeners to support local turf removal programs, Community Resilience Challenge event provides training and local workshops to promote water use efficiency; Plant labeling Program, Russian River Friendly Workshops, etc.	\$ 15,000
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Public Information/Outreach Programs: Media campaign for the Sonoma-Marín Saving Water Partnership including media ad buy, ad development, DIY toolkits.	\$ 163,000
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Rainwater Harvesting Rebates: Prop 1 grant for rebate program for installation of rainwater harvesting cisterns.	\$ 31,000
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Saving Water Partnership Wholesaler Support: Act as the regional liaison attend meetings of the CalWEP Board, Alliance for Water Efficiency, Independent Technical Panel, Urban Advisory Group, CA Science Teachers Association, environmental education conference, Fire Rebuild.	\$ 35,000
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School Education Program: Such as assembly program, port-a-potties, steelhead in the classroom program, youth outreach events, teacher program, English as a second language program, educational workbooks, maps.	\$ 70,000
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Seminars, Workshops, Training: Host trainings/ workshops to benefit the Partnership, such as Water Loss, WELO; Participation in national/ statewide studies such as Turf Transformation Study.	\$ 50,000
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Smart Controller Program: The smart controller program is a new incentive program through the Sonoma-Marín Saving Water Partnership. The program will offer smart controllers to customers of participating agencies at a reduced price. Funding for the program will come directly from members of the Partnership (contractors) that offer the program to their customers. Sonoma Water is coordinating the program and will receive invoices from the vendor. In turn, Sonoma Water will invoice the agencies using the program. As such, the majority of the costs incurred through the program will be offset by revenue received from participating contractors.	\$ 15,000
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\$ 379,000

Total \$ 2,686,300

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:
Fund/Department No:

Santa Rosa Aqueduct Capital Fund	
44230	33045000

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	7,304,567	7,881,399		954,278		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	151,836	55,250	55,250	26,400	(28,850)	(52.22%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Los	(17,328)	(45,000)	0	0	0	N/A
SUBTOTAL	<u>134,508</u>	<u>10,250</u>	<u>55,250</u>	<u>26,400</u>	<u>(28,850)</u>	<u>(52.22%)</u>
MISCELLANEOUS REVENUES						
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46021 Capital Grants - Federal	104,503	2,400,000	2,400,000	0	(2,400,000)	(100.00%)
46029 Donations/Contributions	0	0	0	0	0	N/A
46050 Cancelled/Stale Dated V	0	128	0	0	0	N/A
SUBTOTAL	<u>104,503</u>	<u>2,400,128</u>	<u>2,400,000</u>	<u>0</u>	<u>(2,400,000)</u>	<u>(100.00%)</u>
ADMINISTRATIVE CONTROL ACCOUNT						
49002 Advances	0	0	0	0	0	N/A
49003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>N/A</u>
OTHER FINANCING SOURCES						
47101 Transfers In - within a F	607,374	546,474	546,474	449,129	(97,345)	(17.81%)
47102 Transfers In - btw Govtl	0	0	0	0	0	N/A
SUBTOTAL	<u>607,374</u>	<u>546,474</u>	<u>546,474</u>	<u>449,129</u>	<u>(97,345)</u>	<u>(17.81%)</u>
SPECIAL ITEMS						
48004 Residual Equity Transfe	0	0	0	0	0	N/A
SUBTOTAL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>N/A</u>
TOTAL REVENUES	846,385	2,956,852	3,001,724	475,529	(2,526,195)	(84.16%)

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	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>N/A</u>

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	448,759	9,883,972	9,544,565	800,000	(8,744,565)	(91.62%)
19840 Work in Progress - Eq	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 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
19851 Intangible Assets - Non-	0	0	0	0		
SUBTOTAL	448,759	9,883,972	9,544,565	800,000	(8,744,565)	(91.62%)
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	448,759	9,883,972	9,544,565	800,000	(8,744,565)	(91.62%)

Adjustments to Reserves/Encumbrances:

Repayment of Loan to Storage	0	0	0
Unrealized Gain/ Loss (GASB 31)	161,880	0	0
Capitalized Interest	17,328	0	0
Rounding	(2)	0	0

ENDING FUND BALANCE	7,881,399	954,278	629,808
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**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Petaluma Aqueduct Capital Fund

Fund/Department No:

44235

33045100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	8,404,890	8,064,692		6,906,770		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	170,132	55,250	55,250	33,120	(22,130)	(40.05%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(20,863)	(50,000)	0	0	0	N/A
SUBTOTAL	149,269	5,250	55,250	33,120	(22,130)	(40.05%)
MISCELLANEOUS REVENUE						
46021 Capital Gains - Federal	54,336	220,000	0	0	0	N/A
SUBTOTAL	54,336	220,000	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 Fund	354,023	332,486	332,486	253,676	(78,810)	(23.70%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	354,023	332,486	332,486	253,676	(78,810)	(23.70%)
TOTAL REVENUES	557,628	557,736	387,736	286,796	(100,940)	(26.03%)
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	540,399	1,708,658	64,845	202,411	137,566	212.15%
19840 Work in Progress - Eq	0	0	0	0	0	N/A
19841 Work in Progress - Intang	0	7,000	0	0	0	N/A
19851 Intangible Assets - Non-amort	0	0	0	0		
SUBTOTAL	540,399	1,715,658	64,845	202,411	137,566	212.15%

Section Title:

Petaluma Aqueduct Capital Fund

Fund/Department No:

44235

33045100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	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	540,399	1,715,658	64,845	202,411	137,566	212.15%
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		
Change in Encumbrances	(312,407)	0		0		
Donated Asset	(65,883)	0		0		
Unrealized Gain/ Loss (GASB 31)	20,863	0		0		
Rounding	(1)					
ENDING FUND BALANCE	8,064,692	6,906,770		6,991,155		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Capital Fund

Fund/Department No:

44240

33045200

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	1,535,363	605,188		165,060		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	32,238	24,000	2,210	480	(1,730)	(78.28%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(779)	(10,000)	0	0	0	N/A
SUBTOTAL	31,459	14,000	2,210	480	(1,730)	(78.28%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	3,260,937	622,845	622,845	351,642	(271,203)	(43.54%)
47102 Transfers In - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	3,260,937	622,845	622,845	351,642	(271,203)	(43.54%)
SPECIAL ITEMS						
48004 Residual Equity Transfers	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL REVENUES	3,292,396	636,845	625,055	352,122	(272,933)	(43.67%)
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	639,590	1,016,973	627,000	50,000	(577,000)	(92.03%)
19840 Work in Progress - Eq	0	0	0	0		
19841 Work in Progress - Intang	0	0	0	0		
19851 Intangible Assets - Non-amor	0	0	0	0		
SUBTOTAL	639,590	1,016,973	627,000	50,000	(577,000)	(92.03%)
OTHER FINANCING USES						
57011 Transfers Out - within a Func	0	60,000	0	0	0	N/A
SUBTOTAL	0	60,000	0	0	0	N/A
TOTAL EXPENDITURES	639,590	1,076,973	627,000	50,000	(577,000)	(92.03%)

Section Title:

Sonoma Aqueduct Capital Fund

Fund/Department No:

44240 33045200

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change (3,583,760)		0		0		
Sale or Purchase of Fixed Asset	0	0		0		
Unrealized Gain/ Loss (GASB 31)	779	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	605,188	165,060		467,182		

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**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities

Fund/Department No:

44250

33043000

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	406,047	815,319		14,078		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	9,135	5,000	0	0	0	N/A
44050 Unrealized Gains & Losses	3,482	(2,500)	0	0	0	N/A
SUBTOTAL	12,618	2,500	0	0	0	N/A
MISCELLANEOUS REVENUE						
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46022 Capital Grants - State	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	0	0	0	0	0	N/A
46200 PY Revenue - Miscellaneous	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
Administrative Control						
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	475,000	150,000	150,000	120,000	(30,000)	(20.00%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	475,000	150,000	150,000	120,000	(30,000)	(20.00%)
TOTAL REVENUES	487,618	152,500	150,000	120,000	(30,000)	(20.00%)
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	2,784,343	0	0	0	0	N/A
SUBTOTAL	2,784,343	0	0	0	0	N/A
FIXED ASSETS						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	44,174	836,414	100,000	25,000	(75,000)	(75.00%)
19841 Acq-WIP-Intangibles	53,994	117,327	50,000	0	(50,000)	(100.00%)
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	98,168	953,741	150,000	25,000	(125,000)	(83.33%)

Section Title:

Storage Facilities

Fund/Department No:

44250

33043000

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	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	2,882,511	953,741	150,000	25,000	(125,000)	(83.33%)
Adjustments to Reserves/Encumbrances:						
Repayment of Loan from SR Aqueduct Cap	0	0		0		
Princ. Pymnt on loan from SR Aqueduct Cap	0	0		0		
Advances	0	0		0		
Outstanding Encumbrances - Net Change	23,305	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		
Gain/loss on disposal of Capital Assets	2,784,343	0		0		
Unrealized Gain/ Loss (GASB 31)	(3,482)	0		0		
PY Encumbrances	0	0		0		
Rounding	(1)	0		0		
ENDING FUND BALANCE	815,319	14,078		109,078		

FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY

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

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	1,519,355	9,688,314		6,976,337		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	31,148	60,000	22,100	4,800	(17,300)	(78.28%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(8,724)	(10,000)	0	0	0	N/A
SUBTOTAL	22,424	50,000	22,100	4,800	(17,300)	(78.28%)
CHARGES FOR SERVICES						
45062 Construct/Bldg Permit Rvw Svc	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
MIECELLANEOUS REVENUES						
46021 Capital Grants - Federal	229,262	5,531,575	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	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenu	1,475	0	0	0	0	N/A
SUBTOTAL	230,737	5,531,575	0	0	0	N/A
ADMINISTRATIVE CONTROL						
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	9,733,600	7,436,216	361,401	1,946,689	1,585,288	438.65%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	9,733,600	7,436,216	361,401	1,946,689	1,585,288	438.65%
TOTAL REVENUES	9,986,761	13,017,791	383,501	1,951,489	1,567,988	408.86%
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	1,257	0	0	0	0	N/A
SUBTOTAL	1,257	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	1,816,130	14,229,768	1,961,401	7,846,689	5,885,288	300.06%
19840 Acq-WIP-Equipment	0	0	0	500,000	500,000	N/A

Section Title:

Common Facilities

Fund/Department No:

44260

33043200

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
19841 Work in Progress - Intang	0	875,000	250,000	250,000	0	0.00%
19851 Intangible Assets - Non-amort	0	625,000	0	0	0	N/A
SUBTOTAL	1,816,130	15,729,768	2,211,401	8,596,689	6,385,288	288.74%
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	1,817,387	15,729,768	2,211,401	8,596,689	6,385,288	288.74%
Adjustments to Reserves/Encumbrances:						
Loan from Petaluma Aqueduct Capital Func	0	0		0		
Principal payment on Loan from Petaluma /	0	0		0		
Advances	0	0		0		
Outstanding Encumbrances - Net Change	(10,396)	0		0		
Capitalized Interest	0	0		0		
Gain/loss on disposal of Capital Assets	1,257	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	0	0		0		
Change in Deposit w/Others	0	0		0		
Move Project CIP Balance	0	0		0		
Change in Contingent Liability	0	0		0		
Post Audit Adjustment - Payables	0	0		0		
Unrealized Gain/ Loss (GASB 31)	8,724	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	9,688,314	6,976,337		331,137		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: North Marin Water Deposit

Fund/Department No: 44300 33045300

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	13,946	69,623		74,423		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	366	5,000	371	81	(290)	(78.26%)
44050 Unrealized Gains and Losses	(44)	(200)	0	0	0	N/A
SUBTOTAL	321	4,800	371	81	(290)	(78.26%)

Intergovernmental Revenue

42610 Other Governmental Agencies	1,106,216	1,106,216	0	0	0	N/A
SUBTOTAL	1,106,216	1,106,216	0	0	0	N/A

OTHER FINANCING SOURCES

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

TOTAL REVENUES	1,106,537	1,111,016	371	81	(290)	(78.26%)
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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	1,106,216	0	0	0	N/A
SUBTOTAL	0	1,106,216	0	0	0	N/A

TOTAL EXPENDITURES	0	1,106,216	0	0	0	N/A
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Adjustments to Reserves/Encumbrances:

Unrealized Gain/ Loss (GASB 31)	44	0				
Post Audit Adjustment	(1,050,905)	0				
Rounding	1	0				

ENDING FUND BALANCE	69,623	74,423		74,504		
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**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Debt Service Fund

Fund/Department No: 44265 33047000

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$286,519	\$452,500		\$441,678		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	21,343	15,470	15,470	1,920	(13,550)	(87.59%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(1,818)	(10,000)	0	0	0	N/A
SUBTOTAL	19,525	5,470	15,470	1,920	(13,550)	(87.59%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,196,268	1,196,267	1,196,267	1,196,267	0	0.00%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,196,268	1,196,267	1,196,267	1,196,267	0	0.00%
TOTAL REVENUES	1,215,793	1,201,737	1,211,737	1,198,187	(13,550)	(1.12%)
EXPENDITURES						
OTHER CHARGES						
53103 Interest on LT Debt	224,175	201,220	201,220	177,619	(23,601)	(11.73%)
SUBTOTAL	224,175	201,220	201,220	177,619	(23,601)	(11.73%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	150,000	150,000	120,000	(30,000)	(20.00%)
SUBTOTAL	0	150,000	150,000	120,000	(30,000)	(20.00%)
ADMIN. CONTROL ACCOUNT						
59002 Advances	816,057	839,012	839,012	862,613	23,601	2.81%
59003 Advances Clearing	(816,057)	(839,012)	(839,012)	(862,613)	(23,601)	2.81%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	224,175	351,220	351,220	297,619	(53,601)	(15.26%)
Adjustments to Reserves/Encumbrances:						
Principal payments on loan	(827,455)	0				
(Increase) / Decrease in Principal Payable	0	(839,012)		(839,012)		
Advances from Other Govt	1,818	(22,328)		(22,328)		
Unrealized Gain/ Loss (GASB 31)	0	0		0		
Rounding	0	1		0		
ENDING FUND BALANCE	\$452,500	\$441,678		\$480,906		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Reserve Fund

Fund/Department No: 44270 33047100

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$0	(\$0)		(\$0)		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	0	0	0	0	0	N/A
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(3,396)	0	0	0	0	N/A
SUBTOTAL	(3,396)	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	(3,396)	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	0	0		0		
Unrealized Gain/ Loss (GASB 31)	3,396	0				
Rounding	0	0				
ENDING FUND BALANCE	(\$0)	(\$0)		(\$0)		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bond - 2012A

Fund/Department No:

44280

33047300

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$172,351	\$158,191		\$31,586		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	4,053	332	332	96	(236)	(71.08%)
44003 Other Interest Earnings	3,975	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(151)	(1,500)	0	0	0	N/A
SUBTOTAL	7,876	(1,168)	332	96	(236)	(71.08%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	310,043	310,610	310,610	309,610	(1,000)	(0.32%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	310,043	310,610	310,610	309,610	(1,000)	(0.32%)
TOTAL REVENUES	317,919	309,442	310,942	309,706	(1,236)	(0.40%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	863	1,000	1,000	1,000	0	0.00%
SUBTOTAL	863	1,000	1,000	1,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	93,462	86,698	86,698	79,623	(7,075)	(8.16%)
53104 Other Interest Expense	(4,781)	86,698	5,526	5,526	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	88,682	173,396	92,224	85,149	(7,075)	(7.67%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	65,000	80,000	80,000	50,000	(30,000)	(37.50%)
SUBTOTAL	65,000	80,000	80,000	50,000	(30,000)	(37.50%)
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	169,114	176,871	176,871	183,077	6,206	3.51%
59005 Admin Control Acct Clearing	(169,114)	(176,871)	(176,871)	(183,077)	(6,206)	3.51%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	154,544	254,396	173,224	136,149	(37,075)	(21.40%)
Adjustments to Reserves/Encumbrances:						
Principal payments on bonds	(169,114)	(176,871)		(183,077)		
Restricted cash with trustee (reserve)	0					
Debt Issuance Costs						
(Increase) / Decrease in Bonds Payable	0					
Amortization of bond discount	(10,307)	(10,307)		(10,307)		
Amortization of deferred amount of refunding	5,526	5,526		5,526		
Changed in Reserved Fund Balance	(3,792)					
Unrealized Gain/ Loss (GASB 31)	151					
Rounding	1					
ENDING FUND BALANCE	\$158,191	\$31,586		\$17,285		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds - 2012 A

Fund/Department No: 44275 33047200

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEG. FUND BALANCE	\$252,874	\$324,325		\$314,233		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	5,907	2,000	884	1,440	556	62.90%
44003 Other Interest Earnings	5,566	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(240)	(2,200)	0	0	0	N/A
SUBTOTAL	11,233	(200)	884	1,440	556	62.90%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	434,081	435,105	435,105	433,705	(1,400)	(0.32%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	434,081	435,105	435,105	433,705	(1,400)	(0.32%)
TOTAL REVENUES	445,314	434,905	435,989	435,145	(844)	(0.19%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,120	1,500	1,500	1,500	0	0.00%
SUBTOTAL	1,120	1,500	1,500	1,500	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	130,871	121,400	121,400	111,493	(9,907)	(8.16%)
53104 Other Interest Expense	(6,645)	7,787	7,787	7,787	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	124,226	129,187	129,187	119,280	(9,907)	(7.67%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	60,000	60,000	0	(60,000)	(100.00%)
SUBTOTAL	0	60,000	60,000	0	(60,000)	(100.00%)
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	236,803	247,665	247,665	256,355	8,690	3.51%
59005 Admin Control Acct Clearing	(236,803)	(247,665)	(247,665)	(256,355)	(8,690)	3.51%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	125,346	190,687	190,687	120,780	(69,907)	(36.66%)
Adjustments to Reserves/Encumbrances:						
Principal payments on bonds	(236,803)	(247,665)		(256,355)		
(Increase) / Decrease in Bonds Payable	0	0		0		
Restricted cash with trustee (reserve)	(5,308)	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)	240	0		0		
Rounding	(2)	0		0		
ENDING FUND BALANCE	\$324,325	\$314,233		\$365,598		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2012

Fund/Department No:

44285

33047400

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$246,939	\$191,180		\$228,342		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	5,451	1,326	1,326	960	(366)	(27.60%)
44003 Other Interest Earnings	3,269	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(380)	(2,100)	0	0	0	N/A
SUBTOTAL	8,340	(774)	1,326	960	(366)	(27.60%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	255,341	255,705	255,705	254,884	(821)	(0.32%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	255,341	255,705	255,705	254,884	(821)	(0.32%)
TOTAL REVENUES	263,681	254,931	257,031	255,844	(1,187)	(0.46%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	752	1,000	1,000	1,000	0	0.00%
SUBTOTAL	752	1,000	1,000	1,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	76,866	71,303	71,303	65,485	(5,818)	(8.16%)
53104 Other Interest Expense	(3,892)	4,585	4,585	4,585	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	0	0	0	0	0	N/A
SUBTOTAL	72,974	75,888	75,888	70,070	(5,818)	(7.67%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	100,000	0	0	0	0	N/A
SUBTOTAL	100,000	0	0	0	0	N/A
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	139,084	145,464	145,464	150,568	5,104	3.51%
59005 Admin Control Acct Clearing	(139,084)	(145,464)	(145,464)	(150,568)	(5,104)	3.51%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	173,726	76,888	76,888	71,070	(5,818)	(7.57%)
Adjustments to Reserves/Encumbrances:						
(Increase)/Decrease in Bonds Payable						
Principal Payments on Bonds	(139,084)	(145,464)		(150,568)		
Amortization of bond discount	(8,477)	0		0		
Change in Reserved Fund Balance	(3,118)	0		0		
Capitalized Interest	0	0		0		
Amortization of deferred amount of refund	4,584	4,584		4,584		
Unrealized Gain/ Loss (GASB 31)	380	0		0		
Rounding	1	(1)		0		
ENDING FUND BALANCE	\$191,180	\$228,342		\$267,132		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bonds 2015

Fund/Department No:

44290

33047500

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$452,144	\$328,549		\$109,035		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	10,782	2,000	663	432	(231)	(34.84%)
44003 Other Interest Earnings	9,737	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(2,640)	(7,000)	0	0	0	N/A
SUBTOTAL	17,879	(5,000)	663	432	(231)	(34.84%)
Miscellaneous Revenues						
46200 PY Revenue - Miscellaneous	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	713,766	486,527	486,527	476,381	(10,146)	(2.09%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	713,766	486,527	486,527	476,381	(10,146)	(2.09%)
TOTAL REVENUES	731,645	481,527	487,190	476,813	(10,377)	(2.13%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,153	1,500	1,500	1,500	0	0.00%
SUBTOTAL	1,153	1,500	1,500	1,500	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	194,548	187,568	187,568	169,141	(18,427)	(9.82%)
53104 Other Interest Expense	(11,468)	5,058	5,058	5,058	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	0	0	0	0	0	N/A
SUBTOTAL	183,079	192,626	192,626	174,199	(18,427)	(9.57%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	410,000	70,000	70,000	70,000	0	0.00%
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	410,000	70,000	70,000	70,000	0	0.00%
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	579,351	228,941	228,941	238,545	9,604	4.19%
59005 Admin Control Acct Clearing	(579,351)	(228,941)	(228,941)	(238,545)	(9,604)	4.19%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	594,233	264,126	264,126	245,699	(18,427)	(6.98%)
Adjustments to Reserves/Encumbrances:						
Change in Principal due to Bond Reallocation	0					
Change in Bond Premium due to Bond Reallo	0					
Capitalized Interest	0					
Loss on Refunding of Debt	5,058	5,058		5,058		
Principal Payment	(425,448)	(425,448)		(238,545)		
Special Fund Stmt's!B449	0	0		0		
Amortization of Bond Premium	(16,525)	(16,525)		(16,525)		
Change in Reserved Fund Balance	173,269					
Unrealized Gain/ Loss (GASB 31)	2,640					
Rounding	(1)	(0)				
ENDING FUND BALANCE	\$328,549	\$109,035		\$90,136		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds 2015

Fund/Department No: 44295 33047600

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEG. FUND BALANCE	\$117,878	\$295,059		\$537,299		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	3,740	4,420	4,420	2,400	(2,020)	(45.70%)
44003 Other Interest Earnings	7,060	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(11,468)	(3,000)	0	0	0	N/A
SUBTOTAL	(668)	1,420	4,420	2,400	(2,020)	(45.70%)
MISCELLANEOUS REVENUES						
46200 PY Revenue - Miscellaneous	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,030,030	1,237,202	1,237,202	1,224,505	(12,697)	(1.03%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,030,030	1,237,202	1,237,202	1,224,505	(12,697)	(1.03%)
TOTAL REVENUES	1,029,362	1,238,622	1,241,622	1,226,905	(14,717)	(1.19%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	2,064	2,500	2,500	2,500	0	0.00%
SUBTOTAL	2,064	2,500	2,500	2,500	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	527,067	518,877	518,877	483,190	(35,687)	(6.88%)
53104 Other Interest Expense	(25,008)	4,516	4,516	4,516	0	0.00%
53105 Costs of Issuance	0	0	0	0	0	N/A
53109 Capitalized Interest	0	0	0	0	0	N/A
SUBTOTAL	502,059	523,393	523,393	487,706	(35,687)	(6.82%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	120,000	120,000	180,000	60,000	50.00%
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	0	120,000	120,000	180,000	60,000	50.00%
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	327,614	549,935	549,935	574,581	24,646	4.48%
59005 Admin Control Acct Clearing	(327,614)	(549,935)	(549,935)	(574,581)	(24,646)	4.48%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	504,123	645,893	645,893	670,206	24,313	3.76%
Adjustments to Reserves/Encumbrances:						
Principal Payment	(327,614)	(327,614)		(574,581)		
Change in Principal due to Bond Realloc	0	0		0		
Change in Bond Premium due to Bond R	0	0		0		
Revenue Bonds Pay - Change in Current	0	0		0		
Amortization of Bond Premium	(29,523)	(27,390)		(27,390)		
Capitalized Interest	0			0		
Change in Reserved Fund Balance	(6,903)			0		
Loss on Refunding Debt	4,515	4,515		4,515		
Unrealized Gain/ Loss (GASB 31)	11,468	0		0		
Rounding	(1)	0		0		
ENDING FUND BALANCE	\$295,059	\$537,299		\$496,542		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2015

Fund/Department No:

44305

33047700

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$65,448	\$90,469		\$87,997		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	1,513	500	0	384	384	N/A
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(2,977)	(1,000)	0	0	0	N/A
SUBTOTAL	(1,464)	(500)	0	384	384	N/A
MISCELLANEOUS REVENUES						
46200 PY Revenue - Miscellaneous	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	47,394	38,073	38,073	37,809	(264)	(0.69%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	47,394	38,073	38,073	37,809	(264)	(0.69%)
TOTAL REVENUES	45,930	37,573	38,073	38,193	120	0.31%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	294	500	500	500	0	0.00%
SUBTOTAL	294	500	500	500	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	16,655	16,482	16,482	15,502	(980)	(5.95%)
53104 Other Interest Expense	(689)	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	15,965	16,482	16,482	15,502	(980)	(5.95%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	6,938	16,125	16,125	16,875	750	4.65%
59005 Admin Control Acct Clearing	(6,938)	(16,125)	(16,125)	(16,875)	(750)	4.65%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	16,259	16,982	16,982	16,002	(980)	(5.77%)
Adjustments to Reserves/Encumbrances:						
Change in Principal due to Bond Reallocation	0	0		0		
Change in Bond Premium due to Bond Reallc	0	0		0		
Accrual of Principal Payment - Revenue Bonc	(6,938)	(6,938)		(6,938)		
Principal Payment	0	(16,125)		(16,875)		
Amortization of Bond Premium	(689)	0		0		
Unrealized Gain/ Loss (GASB 31)	2,977	0		0		
Change in Reserved Fund Balance	0					
Rounding	0	0		0		
ENDING FUND BALANCE	\$90,469	\$87,997		\$86,375		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds 2019
Fund/Department No: 44310 33047800

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEG. FUND BALANCE	\$1,018,252	\$7,561		\$52,645		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	190,287	2,000	33,150	480	(32,670)	(98.55%)
44003 Other Interest Earnings	5,927	0	0	0	0	N/A
44050 Unrealized Gains and Losses	47,747	(60,000)	0	0	0	N/A
SUBTOTAL	243,961	(58,000)	33,150	480	(32,670)	(98.55%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	649,709	677,117	677,117	674,569	(2,548)	(0.38%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	649,709	677,117	677,117	674,569	(2,548)	(0.38%)
TOTAL REVENUES	893,670	619,117	710,267	675,049	(35,218)	(4.96%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,290	2,000	2,000	2,000	0	0.00%
SUBTOTAL	1,290	2,000	2,000	2,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	331,755	321,061	321,061	307,774	(13,287)	(4.14%)
53104 Other Interest Expense	(54,724)	0	0	0	0	N/A
53105 Costs of Issuance	174,687	0	0	0	0	N/A
SUBTOTAL	451,718	321,061	321,061	307,774	(13,287)	(4.14%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	9,733,600	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	9,733,600	0	0	0	0	N/A
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	250,972	265,736	265,736	276,808	11,072	4.17%
59005 Admin Control Acct Clearing	(250,972)	(265,736)	(265,736)	(276,808)	(11,072)	4.17%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	10,186,608	323,061	323,061	309,774	(13,287)	(4.11%)
Adjustments to Reserves/Encumbrances:						
Unrealized Gains and Losses	0	0		0		
Proceeds Bond Issuance	8,127,078	0		0		
Deposit to Cost of Issuance Fund	0	0		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Principal Payment	(250,973)	(250,973)		(276,808)		
Revenue Bonds Pay-Change in Current Bal	0	0		0		
Amortization of Bond Premium	(54,724)	0		0		
Change in Reserved Fund Balance	0	0		0		
Post Audit Adjustments - Closing COI	1,094,484	0		0		
Loss on Refunding of Debt	0	0		0		
Unrealized Gain/ Loss (GASB 31)	(47,747)	0		0		
Changed in Reserved Fund Balance	(585,872)	0		0		
Rounding	1	1		0		
ENDING FUND BALANCE	\$7,561	\$52,645		\$141,113		

**FY 2021-22 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2019

Fund/Department No:

44315

33047900

Account Title	Actual 2019-2020	Estimated 2020-2021	Adopted 2020-2021	Requested 2021-22	Difference	Percent Change
BEGINNING FUND BALANCE	\$227,482	\$395,101		\$136,872		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	64,708	26,520	26,520	480	(26,040)	(98.19%)
44003 Other Interest Earnings	2,102	0	0	0	0	N/A
44050 Unrealized Gains and Losses	17,131	(20,000)	0	0	0	N/A
SUBTOTAL	83,941	6,520	26,520	480	(26,040)	(98.19%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	207,354	240,528	240,528	239,626	(903)	(0.38%)
47102 Transfers In - btw Govtl Funds	0	60,000	0	0	0	N/A
SUBTOTAL	207,354	300,528	240,528	239,626	(903)	(0.38%)
TOTAL REVENUES	291,295	307,048	267,048	240,106	(26,943)	(10.09%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,210	1,000	1,000	1,000	0	0.00%
SUBTOTAL	1,210	1,000	1,000	1,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	117,684	113,890	113,890	109,177	(4,713)	(4.14%)
53104 Other Interest Expense	(19,412)	0	0	0	0	N/A
53105 Costs of Issuance	61,967	0	0	0	0	N/A
SUBTOTAL	160,238	113,890	113,890	109,177	(4,713)	(4.14%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	2,900,000	500,000	500,000	200,000	(300,000)	(60.00%)
SUBTOTAL	2,900,000	500,000	500,000	200,000	(300,000)	(60.00%)
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	89,028	94,265	94,265	98,193	3,928	4.17%
59005 Admin Control Acct Clearing	(89,028)	(94,265)	(94,265)	(98,193)	(3,928)	4.17%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	3,061,448	614,890	614,890	310,177	(304,713)	(49.56%)
Adjustments to Reserves/Encumbrances:						
Unrealized Gains and Losses	0	0		0		
Proceeds Bond Issuance	2,882,922	0		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Accrual of Principal Payment - Revenue Bo	(89,027)	(94,264)		0		
Principal Payment	0	0		0		
Deposit to Cost of Issuance Fund	0	0		0		
Bond Premium - Issuance of Revenue Bond	388,247	388,247		0		
Amortization of Bond Premium	(19,413)	(19,413)		0		
Unrealized Gain/ Loss (GASB 31)	(17,131)	(17,131)		0		
Change in Reserved Fund Balance	(207,826)	(207,826)		0		
Rounding	0	0		0		
ENDING FUND BALANCE	\$395,101	\$136,872		\$66,801		

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY21-22

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	256,355			183,077	150,568
INTEREST	111,493			79,623	65,485
OTHER INTEREST - DEFERRED REFUNDING CHARGE	7,787			5,526	4,585
FISCAL AGENT FEES	1,500			1,000	1,000
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	377,135	0		269,226	221,638
Bond Reserve	56,571	0		40,384	33,246
Total Individual Bond Debt Service	433,706	0		309,610	254,884
2015A Revenue Bond	44295			44290	44305
PRINCIPAL	574,581			238,545	16,875
INTEREST	483,190			169,141	15,502
OTHER INTEREST - DEFERRED REFUNDING CHARGE	4,516			5,058	0
FISCAL AGENT FEES	2,500			1,500	500
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	1,064,787			414,244	32,877
Bond Reserve	159,719			62,137	4,932
Total Individual Bond Debt Service	1,224,506			476,381	37,809
2019A Revenue Bond					
PRINCIPAL	276,808				98,193
INTEREST	307,774				109,177
FISCAL AGENT FEES	2,000				1,000
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	586,582			0	208,370
Bond Reserve	87,988			0	31,256
Total Individual Bond Debt Service	674,570			0	239,626
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				
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 FY21-22

A. ANNUAL DEBT SERVICE REQUIREMENTS

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
SRF LOAN	44265				
PRINCIPAL	862,613			N.A	N.A
INTEREST	177,619			N.A	N.A
Total Individual Loan Payments	1,040,232				
Reserve Requirement	156,035				
Total SRF Debt Service	1,196,267				
SRF LOAN RESERVE					
RESERVE				N.A	N.A
Total SRF Debt Service	1,196,267				
TOTAL DEBT SERVICE	\$3,529,049	\$0	\$0	\$785,991	\$532,318
LESS REV. FROM N. MARIN REV. BOND CHARGES	353,652				
REMAINING REVENUE REQUIREMENT	\$3,175,397	\$0	\$0	\$785,991	\$532,318

B. CALCULATIONS OF WATER RATES FOR FY21-22

	Common Facilities Debt Service Charge	Watershed Plan Restoration Debt Service Charge	Water Conservation Debt Service Charge	Storage Facilities Revenue Bonds Charge	Sonoma Pipeline Facilities Revenue Bonds Charge
REVENUE REQUIREMENT	\$3,175,397.00	\$0	\$0	\$785,991	\$532,318
APPLICABLE BASE WATER DELIVERIES IN A.F.	34,001.32	45,994.3	45,994.3	34,001.32	4,200.6
CHARGES PER ACRE-FEET	\$93.39	\$0.00	\$0.00	\$23.12	\$126.72

C. CALCULATIONS OF NORTH MARIN REVENUE BONDS CHARGE

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (<i>Remaining Facilities per RA 4.3a2</i>)	2,854,480
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (11.2/90.4))	353,652
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	6,224
NORTH MARIN REVENUE BONDS CHARGE	56.82
REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (<i>Additional Facilities per RA 4.3b9</i>)	-
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (19.9/146.2))	-
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	6,224
NORTH MARIN REVENUE BONDS CHARGE	-
1,970,357	0
	0
	421,622
	265,636

Common Facilities

Debt Service RA 4.3a2 (<i>remaining facilities</i>)	2,854,480	NMWD Cash for 2019 Common Bonds
N. Marin's Share (11.2/90.4)	353,652	Total Revenue Required \$2,854,480
Estimated Water Deliveries to N. Marin	6,224	Debt service - Additional Facilities
Applicable portion of the N. Marin R. Bonds Charge	\$56.82	Revenue base for NMWD \$2,854,480

2015A New Money P&I Begins 2020

NMWD pd cash

Debt Service RA 4.3b9 (<i>additional facilities</i>)	0
N. Marin's Share (19.9/146.2)	-
Estimated Water Deliveries to N. Marin	6,224
Applicable portion of the N. Marin R. Bonds Charge	\$ -
Total NMWD Share	353,652
NMWD Total Bonds Charge	\$56.82

FY 2021-22 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		449,129	629,680	629,808	128
Petaluma Aq. Capital Fund	44235	0		253,676	6,991,155	6,991,155	0
Sonoma Aq. Capital Fund	44240	0		351,642	467,182	467,182	(0)
Sonoma Rev Bond 2012 Fund	44285	0	Sonoma AQ	254,884	267,132	267,132	0
Sonoma Rev Bond 2015 Fund	44305	0	Sonoma AQ	37,809	86,375	86,375	0
Sonoma Rev Bond 2019 Fund	44315	200,000	Sonoma AQ	239,626	66,801	66,801	0
Storage Rev Bond 2012 Fund	44280	50,000	Storage Facilities	309,610	17,285	17,285	0
Storage Rev Bond 2015 Fund	44290	70,000	Storage Facilities	476,381	90,137	90,136	(0)
Common Rev Bond 2012 Fund	44275	0	Common Facilities	433,705	365,598	365,598	0
Common Rev Bond 2015 Fund	44295	180,000	Common Facilities	1,224,505	496,542	496,542	0
Common Rev Bond 2019 Fund	44310	0	Common Facilities	674,569	141,113	141,113	0
State Loan Debt Service	44265	120,000	Common Facilities	1,196,267	480,906	480,906	0
State Loan Reserve	44270	0		0	(0)	(0)	0
Capital Lease Financing		0		0	0	0	0
Agency Fund (Discretionary)	44205	1,646,689	Common Facilities	0	8,480,472	8,480,472	0
Agency Fund (Charges)	44205	13,908,250		0			
Pipeline Facilities	44255			0	0	0	0
Storage Facilities	44250			120,000	109,078	109,078	0
Common Facilities	44260			1,946,689	331,137	331,137	0
North Marin	44300	0		0	74,504	74,504	0
Water Management Planning	44210			230	399,963	399,963	(0)
Watershed Planning/Restoration	44215			6,114,794	3,793,868	3,793,868	0
Recycled Water & Local Supply	44220			43,000	117,850	117,850	0
Water Conservation	44225			2,048,425	496,739	496,740	0
Total		16,174,939		16,174,939	23,903,515	23,903,643	128

Common Facilities OT - in 47101 From

Water Transmission (discretionary)	1,646,689						
Water Transmission (Charges)	-						
North Marin	-		O&M Rate Computation				
2012 Bond Fund	-		Revenue Requirement - Transfers Out:				
2015 Bond Fund	180,000					13,908,250	
2019 Bond Fund	-						
State Loan Debt Service	120,000						
	<u>1,946,689</u>						

Agency Fund (Charges) OT - Out To:

<u>AQ Capital Funds</u>		<u>Agency Fund (Charges) OT - Out To:</u>	<u>Summary</u>
Santa Rosa Aq. Capital Fund	449,129		
Petaluma Aq. Capital Fund	253,676		
Sonoma Aq. Capital Fund	151,642		
	<u>854,447</u>		
<u>Debt Service Funds</u>			
Sonoma Rev Bond 2012 Fund	254,884		
Sonoma Rev Bond 2015 Fund	37,809		
Sonoma Rev Bond 2019 Fund	239,626		
Storage Rev Bond 2012 Fund	309,610		
Storage Rev Bond 2015 Fund	476,381		
Common Rev Bond 2012 Fund	433,705		
Common Rev Bond 2015 Fund	1,224,505		
Common Rev Bond 2019 Fund	674,569		
State Loan Debt Service	1,196,267		
State Loan Reserve	0		
Capital Lease Financing	0		
	<u>4,847,355</u>		
<u>Capital Funds and North Marin</u>			
Pipeline Facilities	0		
Storage Facilities	0		
Common Facilities	1,646,689		
North Marin	0		
	<u>1,646,689</u>		
<u>WT Subfunds</u>			
Water Management Planning	230		
Watershed Planning/Restoration	6,114,794		
Recycled Water & Local Supply	43,000		
Water Conservation	2,048,425		
	<u>8,206,449</u>		
Total	15,554,939		