

Water Transmission FY 2017-2018 Draft Budget and Rates

The preliminary draft proposed FY 17-18 rates are shown in the table below:

Charge / Aqueduct	Santa Rosa	Petaluma	Sonoma
Deliveries (Acre-Feet)	41,446	41,446	41,446
O&M	\$574.04	\$574.04	\$574.04
Water Management Planning	\$3.14	\$3.14	\$3.14
Watershed Planning & Restoration	\$86.40	\$86.40	\$86.40
Recycled Water and Local Supply	\$10.01	\$10.01	\$10.01
Water Conservation	\$43.77	\$43.77	\$43.77
Total O&M	\$717.36	\$717.36	\$717.36
Storage & Common Bond/Loan Charges	\$109.92	\$109.92	\$109.92
Sonoma Aqueduct Bond/Loan Charge			\$85.28
Prime Contractors	\$827.28	\$827.28	\$912.56
<i>Discretionary Charges</i>			
Capital Charges - to build fund balance for future projects	\$19.50	\$19.50	\$32.00
Local Recycled Water Tier 2 Program (LRT2)	\$0.00	\$0.00	\$0.00
Prime Contractors	\$19.50	\$19.50	\$32.00
Total Prime Contractors	\$846.78	\$846.78	\$944.56
Total Overall Increase:	4.98%	4.98%	5.58%

SUMMARY

- **Deliveries: (Budget Packet Pages 8-13):**
 - **FY17-18:** rates are based on budgeted deliveries of **41,446 Acre-Feet (AF)**. This is per the Restructured Agreement for Water Supply which states that rates be calculated using the *lesser* of: the average of the last 3 years of annual deliveries (**44,187 AF**) or the last 12 months of actual water deliveries (Calendar Year (CY) 2016: **41,446 AF**). Actual deliveries for CY 2016 were 2.3% more than CY 2015: 40,524 AF.
 - **FY16-17:** budgeted deliveries for rate calculation were based on the last 12 months of actual water deliveries (CY 2015: 40,524 AF). Actual FY deliveries will be determined at the end of FY16-17. Current trend thus far indicates actuals will be close to budget.
 - **FY15-16:** budgeted deliveries were 50,590 AF. Actual deliveries were 39,989 AF (26% lower).
- **Operations and Maintenance (O&M) – Water Transmission O&M Fund (Budget Packet Pages 14-21):**
 - In accordance with the Restructured Agreement for Water Supply:
 - The rate is calculated by dividing operations and maintenance expenditures (less specific cash and noncash revenues and expenditures) by budgeted deliveries.

O&M Fund	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$26.62	4.9%	Routine services and supplies are decreasing but large non-routine maintenance projects are increasing.
Revenue	\$2,176,439	6.3%	Increase attributable to slight increase in budgeted deliveries.
Expenditures	\$3,163,304	7.8%	Increase attributable to increase in large non-routine maintenance project expenditures.

Factors affecting the O&M rate:

O&M Fund Expenditures	Increase (Decrease) in Dollars	Percent Change	Description
Labor	\$1,700,000	13.9%	Increase attributable to a) negotiated labor agreements, 8.9% over FY15-16 Actuals, b) estimated FY16-17 labor budget determined prior to finalizing negotiated labor agreements resulting in an underestimate of 5%, and c) additional labor anticipated for design and construction of large non-routine maintenance projects.
Power	(\$1,100,000)	-25.6%	Expected to decrease over FY15-16 actuals (\$3.5 million) and over FY16-17 budget (\$4.3 million) due to reduced power costs.
Chemicals	\$0	0.0%	Expected to increase over FY15-16 actuals due to slightly increased deliveries but remain the same as FY16-17 budget.
Testing/Analysis	(\$30,000)	-18.8%	Decrease to align more closely with FY15-16 actuals.
Contract Services	\$455,000	51.4%	Increase due to non-routine large maintenance projects.
Maintenance - Equipment	\$717,000	135.3%	Increase due to non-routine large maintenance projects.
Small Tools - Instruments	\$0	0.0%	Expected to remain the same as FY16-17 budget. Budget is aligned more closely with FY15-16 actuals.
Operating Transfers	(\$48,000)	-0.3%	Operating Transfers (OT's) move revenue generated by rates into respective funds (debt service funds, subfunds, aqueduct capital funds and Common Facilities) and maintain appropriate fund balance.

• **Subfunds: (Budget Packet Pages 22-32):**

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

Water Management Planning	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$0.10	3.2%	FY16-7 rate: \$3.04; Subfund is for Urban Water Management Plan (UWMP) updates. Maintaining modest rate increase in intervening five year period to soften impact to rate payers.
Revenue	\$7,937	6.0%	Increase due to slightly increased FY17-18 budgeted water deliveries and rate increase as compared to FY16-17 budget.
Expenditures	\$0	0.0%	Budget comparable to FY16-17 for follow-up meetings, responding to DWR and contractor requests, tracking regulatory compliance changes, and coordinating with climate adaption strategic planning efforts.

○ 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	\$3.73	4.5%	FY16-17 rate: \$82.67. FY17-18 use of \$900,000 in fund balance to reduce rate increase.
Revenue	\$247,819	6.9%	Increase due to slightly increased FY17-18 budgeted water deliveries and subfund rate increase as compared to FY16-17 budget.
Expenditures	(\$94,000)	-2.1%	Decrease due to progress on draft and final flow EIR, and climate adaption projects, offset by increases for initiation of Dry Creek Habitat Enhancement miles 4, 5, and 6 design.

○ Recycled Water and Local Supply:

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

Recycled Water and Local Supply	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	(\$6.40)	-39.0%	FY16-17: \$16.41 for groundwater management planning; FY17-18: TAC has not included LRT2 funding in the budget. Maintaining modest rate increase to build fund balance and smooth rate in future years.
Revenue	(\$376,123)	-45.8%	Decrease due to reduced rate, no revenue requirement for LRT2 Projects, and reduction in planned water contractor reimbursements for Groundwater Management Planning Projects.
Expenditures	(\$662,500)	-85.2%	Decrease attributable to shift from groundwater management plans to SGMA related tasks. Budget is for groundwater activities and continued Sonoma Valley seepage studies. No budget submitted by TAC for LRT2 Projects.

○ Water Conservation:

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

Water Conservation	Increase (Decrease) in Dollars	Percent Change	Description
Rate per AF	\$1.84	4.4%	FY16-17 rate: \$41.93. Rate increase for program needs. FY17-18 use of \$60,000 in fund balance to reduce rate increase.
Revenue	(\$444,788)	-17.4%	Decrease in Prop 84 grant funds and funding agreements with water contractors compared to FY16-17 budget.
Expenditures	(\$530,200)	-20.5%	Implement water use efficiency, outreach and education projects, address ongoing water conservation needs given continued drought conditions, pass through grant funds to water contractors and other partners. In response to low deliveries, agency is working to reduce these costs.

- **Storage, Common, and Sonoma Bond/Loan Charges: (Budget Packet Pages 43-53):**
 - The rates are calculated by dividing the annual debt service and reserve requirements (2012A and 2015A Water Revenue Bonds) by water deliveries. The rate increases shown below are attributed to the low deliveries and the new money financing (Water Revenue Bonds 2015A) offset by the decrease resulting from refinancing the Water Revenue Bonds 2006A.

Storage and Common Bond/Loan Charges	Increase (Decrease) in Dollars	Percent Change	Description
Storage Bond/Loan Charge	\$6.22	17.3%	FY16-17 rate: \$35.89. Increase resulting from new money financing: Water Revenue Bonds 2015 offset by decrease resulting from refinancing Water Revenue Bonds 2006.
Common Bond/Loan Charge	\$8.07	13.5%	FY16-17 rate: \$59.73. Increase resulting from new money financing: Water Revenue Bonds 2015 offset by decrease resulting from refinancing Water Revenue Bonds 2006.
Sonoma Aqueduct Bond/Loan Charge	\$10	12.9%	FY16-17 rate: \$75.53. Sonoma Aqueduct pays an additional revenue bond charge for the bonds associated with the Eldridge-Madrone Pipeline Project. Increase resulting from new money financing: Water Revenue Bonds 2015 offset by decrease resulting from refinancing Water Revenue Bonds 2006.

- **Aqueduct Capital Charge: (Budget Packet Page 1):**
 - A discretionary charge is added by the water contractors to build fund balance for future aqueduct capital projects and minimize rate spikes.
 - The FY16-17 budget included a rate per AF of \$19.50 for the Santa Rosa and Petaluma Aqueducts and \$32 for the Sonoma Aqueduct to increase fund balance for known needed future capital projects.
 - FY17-18 draft budget includes these same aqueduct capital charges.
- **Overall Draft Proposed Rate Increases: (Budget Packet Pages 1-7):**
 - 4.98% (Santa Rosa and Petaluma Aqueducts)
 - 5.58% (Sonoma Aqueduct)
 - This is the third draft of the budget. Every effort has been made to prepare a budget that allows us to meet the operations, maintenance, capital, and regulatory demands of the system while maintaining fund balances within the prudent reserve policy. Factors working in our favor include federal and state grant funds, use of fund balance, and bond proceeds for capital projects totaling \$14.8M in FY16-17 and \$860,000 in FY17-18. This budget has been developed to facilitate collaborative discussions in order to achieve a budget and rate package that is responsible and financially sound.

List of Capital Projects - next page.

Capital Projects

(Budget Packet Pages 33-42):

Project	Category	Amount
LHMP-Bennet Valley Fault Crossing (Oakmont Pipeline)	Storage	150,000
LHMP-Program Design	Storage	25,000
Petaluma Aq Relocation - Kastania	Storage	20,000
LHMP - Program Design (for Future FEMA Funds)	Santa Rosa AQ	10,000
Santa Rosa Creek Crossing	Santa Rosa AQ	717,000
Ely BPS Flood Control & Electrical Upgrade	Petaluma AQ	100,000
LHMP - Program Design	Petaluma AQ	25,000
Marin Sonoma Narrows Segment B2	Petaluma AQ	20,000
LHMP - Program Design (for Future FEMA Funds)	Sonoma AQ	30,000
SBS Electrical Upgrade and Pumping Reliability	Sonoma AQ	50,000
SBS Storage Building	Sonoma AQ	55,000
Caisson 3,4,5 Pump Discharge Valves	Common	202,000
Collector 3&5 Liquefaction Mitigation	Common	400,000
Collector 6 Liquefaction Mitigation	Common	25,000
LHMP Program Design	Common	25,000
Mirabel Chlorine Lines Replacement	Common	85,000
Mirabel Chlorine Roof Replacement	Common	52,000
Mirabel Dam Bladder Replacement	Common	150,000
Mirabel Fish Screens - RRIFR	Common	85,000
Mirabel RR Crossing Fiber Optic Cable Relocation	Common	206,000
Mirabel Surge Control System	Common	25,000
MW Creek Crossing	Common	10,000
RDS Motor Control Center Replacement	Common	10,000
RDS Pump and Motor Replacement	Common	321,000
RR Crossing	Common	616,000
System-wide Meter Replacements	Common	150,000
Warm Springs Dam Hydroturbine Retrofit	Common	538,000
Wohler Motor Replacements - Collectors 1&2	Common	475,000
SCADA Software and Hardware	Common	392,000
SCADA Upgrade	Common	625,000
	TOTAL	5,594,000
	Storage	195,000
	Santa Rosa AQ	727,000
	Petaluma AQ	145,000
	Sonoma AQ	135,000
	Common	4,392,000
		5,594,000

**Sonoma County Water Agency
FY17-18 Water Transmission Budget and Rates**

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FY17-18 Prime Contractor Rates Summary

	CHARGE PER ACRE FOOT:			FY16-17			Percent Change
	Santa Rosa Aqueduct	Petaluma Aqueduct	Sonoma Aqueduct	SR	Pet	Son	
	O&M Charge [4.2]	574.04	574.04	574.04	\$547.42	\$547.42	
Water Management Planning Sub-charge [4.16]	3.14	3.14	3.14	\$3.04	\$3.04	\$3.04	3.17%
Watershed Planning/Restoration Sub-charge [4.16]	86.40	86.40	86.40	\$82.67	\$82.67	\$82.67	4.52%
Recycled Water & Local Supply Sub-charge [4.16]	10.01	10.01	10.01	\$0.41	\$0.41	\$0.41	-38.98%
Water Conservation Sub-charge [4.16]	43.77	43.77	43.77	\$41.93	\$41.93	\$41.93	4.39%
O&M Charge	717.36	717.36	717.36	\$675.47	\$675.47	\$675.47	6.20%
Storage and Common Bond & Loan Charge	109.92	109.92	109.92	\$ 95.62	\$ 95.62	\$ 95.62	14.95%
Sonoma Aqueduct Bond Charge			85.28			\$ 75.53	12.9%
PRIME CONTRACTORS	\$827.28	\$827.28	\$912.56	\$ 771.09	\$771.09	\$846.62	FY15-16 increase: 4.16%; 5.46%
Capital Charges - to build fund balance for future projects	19.50	19.50	32.00	\$ 19.50	\$ 19.50	\$ 32.00	0%
Local Recycled Water Tier 2 Program	0.00	0.00	0.00	\$16.00	\$ 16.00	\$ 16.00	-100%
PRIME CONTRACTORS	19.50	19.50	32.00	\$ 35.50	\$ 35.50	\$ 48.00	-100%
				2.56%	2.56%	2.31%	
TOTAL PRIME CONTRACTORS	\$846.78	\$846.78	\$944.56	\$ 806.59	\$806.59	\$894.62	
Increase from FY 16-17	4.98%	4.98%	5.58%	5.98%	5.98%	6.94%	

WATER TRANSMISSION SYSTEM
 FY17-18 WATER CHARGES PER ACRE-FOOT
 FOR PRIME CONTRACTORS

	SANTA ROSA AQUEDUCT	% INCR. (DECR.)	PETALUMA AQUEDUCT	% INCR. (DECR.)	SONOMA AQUEDUCT	% INCR. (DECR.)
2017/18	846.78	4.98%	846.78	4.98%	944.56	5.58%
2016/17	806.59		806.59		894.62	
2015/16	761.05		761.05		836.55	
2014/15	730.68		730.68		793.24	
2013/14	705.30		705.30		768.75	
2012/13	672.03		672.03		740.34	
2011/12	634.11		634.11		703.33	
2010/11	603.92		603.92		674.47	
2009/10	564.78		564.78		622.11	
2008/09	471.13		511.13		486.22	
2007/08	441.70		461.70		453.49	
2006/07	431.29		451.29		442.60	
2005/06	412.68		432.68		424.53	
2004/05	402.51		422.51		414.42	
2003/04	393.89		413.89		407.95	
2002/03	387.49		397.90		387.43	
2001/02	383.29		384.02		373.38	
2000/01	330.76		331.61		320.74	

**WATER TRANSMISSION SYSTEM
FY17-18 REVENUE SUMMARY CHART**

WATER CUSTOMER	FY17-18 Budgeted Water Use (Acre- Feet)	FY16-17 Rate \$/Acre-Foot	FY17-18 Proposed Rate \$/Acre-Foot	Dollar Change	Percent Change
Santa Rosa Aqueduct	15,950	\$806.59	\$846.78	\$40.19	4.98%
Petaluma Aqueduct	9,100	806.59	846.78	\$40.19	4.98%
Sonoma Aqueduct	3,554	894.62	944.56	\$49.94	5.58%
North Marin Water Dist.	5,813	829.97	886.28	\$56.31	6.78%
Marin Municipal – Third Off Peak	4,300	982.54	1,058.79	\$76.24	7.76%
Marin Municipal – Supplemental	937	982.54	1,058.79	\$76.24	7.76%
Forestville Aqueduct	353	787.09	827.28	\$40.20	5.11%
Wholesale/Municipal	887	1,073.54	1133.47	\$59.93	5.58%
Surplus	49	829.76	860.83	\$31.07	3.74%
Windsor	502	967.91	1,016.14	\$48.22	4.98%
TOTAL	41,446				

SONOMA COUNTY WATER AGENCY RATES FOR WATER DELIVERIES IN FY17-18

[X] ESTIMATED [] OFFICIAL
Approved by Board of Directors on April 18, 2017

CHARGE PER ACRE FOOT:

	Santa Rosa Aqueduct	Petaluma Aqueduct	Sonoma Aqueduct
PRIME CONTRACTORS			
O&M Charge [4.2]	\$574.04	\$574.04	\$574.04
Water Management Planning Sub-charge [4.13]	\$3.14	\$3.14	\$3.14
Watershed Planning/Restoration Sub-charge [4.14]	\$86.40	\$86.40	\$86.40
Recycled Water & Local Supply Sub-charge [4.15]	\$10.01	\$10.01	\$10.01
Water Conservation Sub-charge [4.16]	\$43.77	\$43.77	\$43.77
O&M Charge	\$717.36	\$717.36	\$717.36
Bond & Loan Charges - to pay for existing debt service			
Storage Facilities Capital Charge [4.7]	42.11	42.11	42.11
Common Facilities Capital Charge [4.8]	67.81	67.81	67.81
Sonoma Aqueduct Facilities Capital Charges [4.6 b]			85.28
Total Bond & Loan Charges	\$109.92	\$109.92	\$195.20
<i>Discretionary:</i>			
Aqueduct Capital Charges - to build fund balance for future projects			
Aqueduct Facilities Capital Charges [4.6 e]	19.50	19.50	32.00
LRT2 - included in Recycled Water & Local Supply Sub-Charge above.			
TOTAL PRIME CONTRACTORS	\$846.78	\$846.78	\$944.56
Charge without LRT2 and voluntary AQ Capital Charge	\$827.28	\$827.28	\$912.56
OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES			
(WATER CO'S & PUBLIC AGENCIES)			
O&M Charge	\$717.36	\$717.36	\$717.36
Capital Charges	109.92	109.92	195.20
Aqueduct Facilities Capital Charge	\$306.19	\$306.19	\$220.91
TOTAL OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES (4.12) (120% OF HIGHEST PRIME)	\$1,133.47	\$1,133.47	\$1,133.47
FORESTVILLE			
O&M Charge [4.2] *	\$574.04		
Water Management Planning Sub-charge [4.13]	3.14		
Watershed Planning/Restoration Sub-charge [4.14]	86.40		
Recycled Water & Local Supply Sub-charge [4.15]	10.01		
Water Conservation Sub-charge [4.16]	43.77		
O&M Charge	\$717.37		
Bond & Loan Charges - to pay for existing debt service			
Aqueduct Facilities Capital Charges [4.6]	0.00		
Storage Facilities Capital Charge [4.7]	42.11		
Common Facilities Capital Charge [4.8]	67.81		
Total Capital Charges	\$109.92		
TOTAL FORESTVILLE	\$827.28		
* Forestville Water District exempt from Santa Rosa Aqueduct sub-charge from FY 06/07 to FY 16/17 [4.12].			
NORTH MARIN WATER DISTRICT			
O&M Charge		\$717.36	
North Marin Bond & Loan Charge [4.9]		50.06	
Russian River Conservation Charge [4.18 (a)]		105.78	
Russian River Projects Charge [4.18 (b)]		13.08	
TOTAL NORTH MARIN WATER DISTRICT		886.28	
THIRD OFF-PEAK (MARIN MUNICIPAL)			
Highest Prime on SR and PET AQ x 1.11		\$939.93	
Russian River Conservation Charge		105.78	
Russian River Projects Charge		13.08	
TOTAL THIRD OFF-PEAK		\$1,058.79	
SUPPLEMENTAL (MARIN MUNICIPAL)			
Highest Prime on SR and PET AQ x 1.11		\$939.93	
Russian River Conservation Charge		105.78	
Russian River Projects Charge		13.08	
TOTAL SUPPLEMENTAL		\$1,058.79	
SURPLUS			
Non-Municipal / Municipal [4.11 (a)] (120% of O&M Charge)	\$860.83	\$860.83	\$860.83
Town of Windsor			
		\$1,016.14	
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)].			
	\$1,016.14		

Note: N. Marin pays bond and loan charge in lieu of Capital Charge.

FY 2017-18 BUDGET
SONOMA COUNTY WATER AGENCY
Operations and Maintenance Rate Computation

O & M REVENUE REQUIREMENT

FY17-18	ESTIMATED FISCAL YEAR EXPENDITURES	\$43,475,008
LESS:		
	Depreciation Amortization	7,670,400
	Investment Income, Interest on Pooled Cash, Charges for Services	64,350
	Power Sales	600,000
	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	10,597,328
		\$24,542,930
	REVENUE REQUIREMENT (Net Expenditures)	\$24,542,930

O & M ACRE FOOT BASE

DELIVERIES:		41,446.2
LESS:		
	Marin Municipal Surplus (Irrigation)	5,236.9
		48.8
		36,160.5
	TOTAL BASE DELIVERIES	36,160.5

<u>O & M RATE COMPUTATION:</u>	
Rate = Revenue Requirement - (Marin Municipal Deliveries x 1.11 x 0.92568 x Highest Prime Rate	
<u>on Petaluma or Santa Rosa Aqueduct - Subfunds)</u>	
Total Deliveries - Surplus Deliveries - Marin Muni Deliveries	
= $\frac{24,542,930 - (4,300.00 \times 722.81) - (936.90 \times 722.81)}{41,446.2 - 48.8 - 5,236.9}$	
* = 574.04	

FY17-18
Proposed Water Rates

	<u>FY16-17</u>	<u>FY17-18</u>	
	(Actual)	(Proposed)	% Change
O&M Charge	547.42	574.04	4.86%
Water Management Planning Sub-Charge	3.04	3.14	3.17%
Watershed Planning/Restoration Sub-Charge	82.67	86.40	4.52%
Recycled Water Sub-Charge	16.41	10.01	-38.98%
Water Conservation Sub-Charge	41.93	43.77	4.39%
Total O&M Charge	691.47	717.36	3.74%

Santa Rosa Aqueduct Rate

O&M Charge	691.47	717.36	3.74%
Aqueduct Facilities Capital Charges [4.6 e]	19.50	19.50	0.0%
Storage Facilities Capital Charge [4.7]	35.89	42.11	17.34%
Common Facilities Capital Charge [4.8]	59.73	67.81	13.51%
TOTAL	806.58	846.78	4.98%

Petaluma Aqueduct Rate

O&M Charge	691.47	717.36	3.74%
Aqueduct Facilities Capital Charges [4.6 e]	19.50	19.50	0.0%
Storage Facilities Capital Charge [4.7]	35.89	42.11	17.34%
Common Facilities Capital Charge [4.8]	59.73	67.81	13.51%
TOTAL	806.58	846.78	4.98%

Sonoma Aqueduct Rate

O&M Charge	691.47	717.36	3.74%
Aqueduct Facilities Capital Charges [4.6 e]	32.00	32.00	0.0%
Storage Facilities Capital Charge [4.7]	35.89	42.11	17.34%
Common Facilities Capital Charge [4.8]	59.73	67.81	13.51%
Sonoma Aqueduct Facilities Capital Charge	75.53	85.28	12.91%
TOTAL	894.62	944.56	5.58%

SONOMA COUNTY WATER AGENCY
RUSSIAN RIVER CONSERVATION CHARGE COMPUTATION

FISCAL YEAR 2017-18

PROPERTY ASSESSMENT VALUES AS OF FY16-17:

<u>TAX CODE</u>	<u>ENTITY</u>	<u>SECURED</u>	<u>UNSECURED</u>	<u>TOTAL VALUE</u>
14000	Forestville Co Water District	385,399,118	2,520,303	\$387,919,421
42800	City of Cotati	973,074,011	21,831,460	994,905,471
43500	City of Petaluma	8,830,762,080	409,167,233	9,239,929,313
43800	City of Rohnert Park	4,503,180,261	118,088,641	4,621,268,902
44500	City of Santa Rosa	21,616,318,833	678,736,991	22,295,055,824
45000	City of Sonoma	2,429,437,639	62,139,663	2,491,577,302
N/A	Valley of the Moon Water District	3,104,630,041	17,623,845	3,122,253,886
	<i>TOTAL</i>	\$41,842,801,983	\$1,310,108,136	\$43,152,910,119

Notes:

- 1 Total value of secured and unsecured property in service areas of Prime Water Contractors of Sonoma County (see above) \$43,152,910,119
- 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 \$3,020,704
- 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. 28,557.73
- 5 Total Russian River Conservation Charge per Acre Foot (Line 3 / Line 4) \$105.78

Russian River Projects Charge
Historical calculations

RR Conservation Charge
Historical calculations

For FY	Calculated	Actual Charge	
07-08	21.4	\$20.00	\$52.70
08-09	25.08	\$20.00	\$58.44
09-10	24.68	\$20.00	\$57.70
10-11	24.4	\$20.00	\$74.62
11-12	23.44	\$20.00	\$72.27
12-13	20.38	\$20.00	\$72.08
13-14	14.72	\$14.72	\$63.30
14-15	8.72	\$8.72	\$63.90
15-16	12.39	\$12.39	\$69.38
16-17	12.96	\$12.96	\$78.73
17-18	13.08	\$13.08	\$105.78

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

		DELIVERING AQUEDUCT				Monthly Total
		Santa Rosa	Petaluma	Forestville	Sonoma	
36	Jan-14	1,248.2	2,096.2	22.7	354.4	3,721.5
35	Feb-14	1,103.1	2,156.5	18.6	230.8	3,509.0
34	Mar-14	1,113.1	2,016.6	18.0	247.1	3,394.8
33	Apr-14	1,474.6	2,619.0	27.0	328.5	4,449.0
32	May-14	1,614.8	2,457.7	36.0	389.3	4,497.8
31	Jun-14	1,770.4	2,607.8	38.1	433.3	4,849.6
30	Jul-14	2,135.4	3,092.7	51.7	535.6	5,815.5
29	Aug-14	1,628.8	2,090.5	39.4	389.2	4,147.9
28	Sep-14	1,832.5	3,131.9	44.1	435.8	5,444.3
27	Oct-14	1,432.4	2,108.1	29.9	325.8	3,896.1
26	Nov-14	1,077.8	1,854.4	22.1	228.5	3,182.8
25	Dec-14	1,274.4	2,165.9	21.4	219.8	3,681.4
24	Jan-15	1,043.7	1,285.4	19.2	171.1	2,519.4
23	Feb-15	1,032.8	1,169.0	17.0	216.3	2,435.1
22	Mar-15	1,479.2	1,645.5	27.5	343.2	3,495.3
21	Apr-15	1,243.9	1,692.4	23.7	332.3	3,292.2
20	May-15	1,247.5	2,013.7	29.0	268.7	3,559.0
19	Jun-15	1,607.0	2,432.2	43.2	316.8	4,399.2
18	Jul-15	1,341.8	1,539.5	34.9	313.3	3,229.5
17	Aug-15	1,546.4	1,751.3	41.2	346.3	3,685.2
16	Sep-15	1,552.4	1,918.3	45.4	353.6	3,869.8
15	Oct-15	1,654.3	2,202.2	49.1	407.5	4,313.1
14	Nov-15	1,114.5	1,301.8	22.9	251.4	2,690.6
13	Dec-15	1,170.5	1,622.2	23.6	218.9	3,035.3
12	Jan-16	1,026.5	1,393.9	20.0	202.9	2,643.3
11	Feb-16	1,043.1	1,167.6	16.5	174.4	2,401.6
10	Mar-16	1,177.1	1,375.0	21.8	197.9	2,771.8
9	Apr-16	1,069.9	1,559.4	21.7	262.8	2,913.7
8	May-16	1,185.9	1,961.3	27.5	262.8	3,437.5
7	Jun-16	1,923.0	2,581.2	44.3	449.6	4,998.1
6	Jul-16	1,742.5	2,161.5	41.2	403.3	4,348.5
5	Aug-16	1,635.2	2,024.5	42.2	395.0	4,096.9
4	Sep-16	1,794.9	1,964.6	39.1	374.4	4,173.0
3	Oct-16	1,597.9	1,982.5	36.8	364.4	3,981.5
2	Nov-16	1,046.2	1,210.4	20.2	216.1	2,492.9
1	Dec-16	1,258.9	1,656.0	22.0	250.4	3,187.4
Total Deliveries		50,240.6	70,008.7	1,098.9	11,211.4	132,559.6
3-Year Annual Average		16,746.9	23,336.2	366.3	3,737.1	44,186.5
Past 12 Months		16,501.2	21,037.9	353.2	3,553.9	41,446.2
Total Deliveries		50,240.6	70,008.7	1,098.9	11,211.4	132,559.6
Less: North Marin			18,625.3			18,625.3
Marin Municipal			18,904.1			18,904.1
Sonoma Co. Deliveries		50,240.6	32,479.4	1,098.9	11,211.4	95,030.3
3-Year Annual Average		16,746.9	10,826.5	366.3	3,737.1	31,676.8

FY 2017-18 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	35,273.3	574.04	20,248,369
2 OTHER AGENCY CUSTOMERS	887.2	990.15	878,463
3 MARIN MUNICIPAL (OFF-PEAK)	4,300.0	722.81	3,108,079
4 MARIN MUNICIPAL (SUPPLEMENTAL)	936.9	722.81	677,202
5 SURPLUS CUSTOMERS	48.8	717.51	35,026
TOTAL WATER SALES - O&M	41,446.2	N/A	\$24,947,139

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]	41,446.2	3.14	130,000
1b Watershed Planning/Restoration Sub-charge [4.14]	41,446.2	86.40	3,581,000
1c Recycled Water & Local Supply Sub-charge [4.15]	41,446.2	10.01	415,000
1d Water Conservation Sub-charge [4.16]	41,446.2	43.77	1,814,050
TOTAL WATER SALES - Subcharges	41,446.2	N/A	\$5,940,050

FY 2017-18 BUDGET
Water Transmission System Agency Fund
SANTA ROSA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges
Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - O&M</u>			
1 SANTA ROSA AQUEDUCT	16,501.2	574.04	9,472,370

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]	16,501.2	3.14	51,757
1b Watershed Planning/Restoration Sub-charge [4.14]	16,501.2	86.40	1,425,720
1c Recycled Water & Local Supply Sub-charge [4.15]	16,501.2	10.01	165,226
1d Water Conservation Sub-charge [4.16]	16,501.2	43.77	722,236
TOTAL WATER SALES - Subcharges	16,501.2	N/A	\$2,364,939

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	16,501.2	19.50	321,773
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	16,501.2	42.11	694,878
Common Facilities Capital Charge [4.8]	16,501.2	67.81	1,118,872
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	16,501.2	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	16,501.2	N/A	\$2,135,523

TOTAL ESTIMATED REVENUE

\$13,972,832

FY 2017-18 BUDGET

Water Transmission System Agency Fund

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

Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - O&M</u>			
1 PETALUMA AQUEDUCT	21,037.9	574.04	12,076,647

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]	21,037.9	3.14	65,987
1b Watershed Planning/Restoration Sub-charge [4.14]	21,037.9	86.40	1,817,698
1c Recycled Water & Local Supply Sub-charge [4.15]	21,037.9	10.01	210,652
1d Water Conservation Sub-charge [4.16]	21,037.9	43.77	920,803
TOTAL WATER SALES - Subcharges	21,037.9	N/A	\$3,015,140

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	21,037.9	19.50	410,239
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	21,037.9	42.11	885,924
Common Facilities Capital Charge [4.8]	21,037.9	67.81	1,426,488
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	21,037.9	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	21,037.9	N/A	\$2,722,651

TOTAL ESTIMATED REVENUE

\$17,814,438

FY 2017-18 BUDGET
Water Transmission System Agency Fund
SONOMA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges
Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
WATER SALES - O&M			
1 SONOMA AQUEDUCT	3,553.9	574.04	2,040,106

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
WATER SALES - Sub-charges			
1a Water Management Planning Sub-charge [4.13]	3,553.9	3.14	11,147
1b Watershed Planning/Restoration Sub-charge [4.14]	3,553.9	86.40	307,063
1c Recycled Water & Local Supply Sub-charge [4.15]	3,553.9	10.01	35,585
1d Water Conservation Sub-charge [4.16]	3,553.9	43.77	155,551
TOTAL WATER SALES - Subcharges	3,553.9	N/A	\$509,346

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
CAPITAL CHARGES			
Aqueduct Facilities Capital Charges [4.6 e]	3,553.9	32.00	113,726
BOND AND LOAN CAPITAL CHARGES			
Storage Facilities Capital Charge [4.7]	3,553.9	42.11	149,659
Common Facilities Capital Charge [4.8]	3,553.9	67.81	240,976
Sonoma Aqueduct Facilities Capital Charges [4.6 b]	3,553.9	85.28	303,087
TOTAL WATER SALES - Capital & Bond and Loan Charges	3,553.9	N/A	\$807,448

TOTAL ESTIMATED REVENUE

\$3,356,900

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Transmission System Agency Fund

Section/Fund No: 44205

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	5,997,428	4,459,322		2,844,211		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	80,313	60,000	45,000	64,350	19,350	43.00%
44003 Other Interest Earnings	6	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(27,373)	(30,000)	0	0	0	N/A
44109 Concessions	0	0	0	0	0	N/A
44101 Rent - Real Estate	450	500	0	0	0	N/A
SUBTOTAL	53,395	30,500	45,000	64,350	19,350	43.00%

INTERGOVERNMENTAL REVENUES

42358 State Other Funding	0	0	0	0	0	N/A
42461 Federal Other Funding	0	0	0	0	0	N/A
42610 Other Governmental Agencies	32,500	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	32,500	0	0	0	0	N/A

MISCELLANEOUS REVENUES

46021 Capital Grants - Federal	0	0	0	0	0	N/A
46027 Insurance Claims Reimbursement	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	12,000	0	(12,000)	(100.00%)
46040 Miscellaneous Revenue	2,944	2,000	0	0	0	N/A
46041 Discounts Earned	605	1,041	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	249	300	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	9,991	3,000	0	0	0	N/A
46205 PY Revenue – Charges for Servi	16,135	(16,135)	0	0	0	N/A
46215 Other Grants	0	0	0	0	0	N/A
SUBTOTAL	29,925	(9,794)	12,000	0	(12,000)	(100.00%)

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	24,664	26,200	0	0	0	N/A
45301 Charges for Services	26,500	30,000	0	0	0	N/A
45314 Sale - Power	589,644	600,000	800,000	600,000	(200,000)	(25.00%)
45315 Sale - Water, Wholesale	20,530,250	23,713,393	23,199,155	24,947,139	1,747,984	7.53%
45316 Water Conservation	1,640,500	1,737,745	1,699,059	1,814,050	114,991	6.77%
45323 Common Fac Rev Bond Chg	1,581,515	1,634,027	2,069,376	2,348,686	279,310	13.50%
45324 Storage Fac Rev Bond Chg	726,405	1,286,093	1,089,219	1,277,939	188,720	17.33%
45325 Sonoma Aqueduct Rev Bond Chg	210,549	308,466	267,331	303,087	35,756	13.38%
45327 Santa Rosa Aqueduct Cap Chg	449,873	320,406	367,478	386,429	18,951	5.16%
45328 Petaluma Aqueduct Cap Chg	232,447	179,029	252,060	227,528	(24,531)	(9.73%)
45329 Sonoma Aqueduct Cap Chg	123,548	113,726	128,105	113,609	(14,497)	(11.32%)
45330 North Marin Rev Bond Chg	318,299	298,033	256,383	290,988	34,605	13.50%
45331 Water Mgmt Plan/Restore Chg	158,655	126,005	123,200	130,000	6,800	5.52%

Section Title:

Water Transmission System Agency Fund

Section/Fund No:

44205

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
45332 Watershed Plan/Restore Chg	3,224,686	3,426,277	3,350,000	3,581,000	231,000	6.90%
45333 Recycled Water & Local Supply	1,278,225	680,142	665,000	415,000	(250,000)	(37.59%)
SUBTOTAL	31,115,761	34,479,542	34,266,366	36,435,455	2,169,089	6.33%
OTHER FINANCING SOURCES						
47002 Sale of Capital Assets	0	0	0	0	0	N/A
47101 Transfers In - within a Fund	7,066	0	0	0	0	N/A
47102 Transfers In - btw Govtl Funds	0	350,000	0	0	0	N/A
SUBTOTAL	7,066	350,000	0	0	0	0
TOTAL REVENUES	31,238,647	34,850,248	34,323,366	36,499,805	2,176,439	6.34%

EXPENDITURES**SERVICES AND SUPPLIES**

51031 Waste Disposal Services	3,539	4,000	4,000	4,000	0	0.00%
51032 Janitorial Services	4,800	4,000	4,000	4,000	0	0.00%
51061 Maintenance - Equipment	931,582	1,009,680	530,000	1,247,000	717,000	135.28%
51071 Maintenance - Bldg & Improve	0	115,670	0	0	0	N/A
51072 Landscaping Services	0	0	0	0	0	N/A
51077 Maint-Infrastructure	0	0	0	0	0	N/A
51205 Advertising/Marketing Svc	442	4,000	4,000	4,000	0	0.00%
51209 Information Tech Svc (non ISD)	321	4,000	4,000	4,000	0	0.00%
51211 Legal Services	7,960	12,000	10,000	10,000	0	0.00%
51212 Outside Counsel - Legal Advice	164	8,500	0	8,000	8,000	N/A
51214 Agency Extra/Temp Help	523	1,000	1,000	1,000	0	0.00%
51226 Consulting Services	0	0	0	0	0	N/A
51230 Security Services	1,160	1,100	0	0	0	N/A
51231 Testing/Analysis	109,046	160,000	160,000	130,000	(30,000)	(18.75%)
51241 Outside Printing and Binding	2,168	2,100	5,000	3,000	(2,000)	(40.00%)
51244 Permits/License/Fees	55,615	60,000	45,000	50,000	5,000	11.11%
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	231,206	200,000	155,000	155,000	0	0.00%
51421 Rents and Leases - Bldg/Land	1,224	2,000	2,000	2,000	0	0.00%
51601 Training Services	13,337	12,000	12,000	12,000	0	0.00%
51602 Business Travel/Mileage	8,744	15,000	15,000	15,000	0	0.00%
51605 Private Car Expense	1,026	1,000	1,000	1,000	0	0.00%
51801 Other Services	18,340	18,000	0	18,000	18,000	N/A
51803 Other Contract Services	1,097,594	3,952,385	884,500	1,339,080	454,580	51.39%
51902 Telecommunication Usage	94,038	90,000	90,000	90,000	0	0.00%
51911 Mail Services	312	150	0	0	0	N/A
51917 District Operations Chgs	12,859,759	13,100,000	12,200,350	13,900,000	1,699,650	13.93%
51921 Equipment Usage Charges	722,971	650,000	600,000	650,000	50,000	8.33%
52021 Clothing, Uniforms, Personal	12,758	11,000	10,000	10,000	0	0.00%
52031 Food	541	700	700	700	0	0.00%
52042 Janitorial Supplies	3,164	4,000	4,000	4,000	0	0.00%
52061 Fuel/Gas/Oil	16,080	10,000	10,000	10,000	0	0.00%

Section Title:

Water Transmission System Agency Fund

Section/Fund No:

44205

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
52071 Materials and Supplies Expense	0	180,000	0	180,000	180,000	N/A
52072 Chemicals	573,050	620,000	650,000	650,000	0	0.00%
52081 Medical/Laboratory Supplies	24,889	25,000	25,000	25,000	0	0.00%
52091 Memberships/Certifications	45,343	45,000	44,000	45,000	1,000	2.27%
52101 Other Supplies	25,576	30,000	40,000	40,000	0	0.00%
52111 Office Supplies	8,903	10,000	10,000	10,000	0	0.00%
52115 Books/Media/Subscriptions	401	1,000	1,000	1,000	0	0.00%
52117 Mail and Postage Supplies	1,700	2,500	3,000	3,000	0	0.00%
52141 Minor Equipment/Small Tools	135,307	140,000	140,000	140,000	0	0.00%
52142 Computer Equipment/Accessories	24,251	7,000	7,000	7,000	0	0.00%
52143 Computer Software/Licensing Fees	37,623	22,000	20,000	22,000	2,000	10.00%
52162 Special Department Expense	494	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
52191 Utilities	476	500	0	500	500	N/A
52193 Utilities - Electric	3,501,737	3,200,000	4,300,000	3,200,000	(1,100,000)	(25.58%)
SUBTOTAL	20,578,165	23,735,285	19,991,550	21,995,280	2,003,730	10.02%
OTHER CHARGES						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53104 Other interest Expense	(18)	0	0	0	0	N/A
53401 Amortization Expense	240,716	241,500	241,500	241,500	0	0.00%
53402 Depreciation Expense	5,620,612	6,356,403	6,356,403	7,428,900	1,072,497	16.87%
53403 Loss - Disposed Capital Asset	1,110	0	0	0	0	N/A
53501 Contributions	0	30,000	0	0	0	N/A
SUBTOTAL	5,862,420	6,627,903	6,597,903	7,670,400	1,072,497	16.26%
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	0	5,500	0	0	0	N/A
19841 Work in Progress - Intang	4,703	2,500	0	135,000	135,000	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	4,703	8,000	0	135,000	135,000	N/A
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	12,830,228	13,911,915	13,722,251	13,674,328	(47,923)	(0.35%)
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	12,830,228	13,911,915	13,722,251	13,674,328	(47,923)	(0.35%)
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

Section Title:

Water Transmission System Agency Fund

Section/Fund No:

44205

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
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	39,275,517	44,283,103	40,311,704	43,475,008	3,163,304	7.85%
Adjustments to Reserves/Encumbrances:						
Depreciation	5,861,328	6,597,903		7,670,400		
Outstanding Encumbrances - (Decrease) Fu	315,006	1,219,841				
Capitalized Interest	(18)					
Gain/Loss on disposal of fixed assets	1,110					
Unrealized Gain/ Loss (GASB 31)	27,373					
Change in Prudent Reserve						
Post audit adjustments - Payables	293,964					
Rounding	1					
ENDING FUND BALANCE	4,459,322	2,844,211		3,539,407		

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

5,532,570
(1,993,163)

Water Transmission System Agency Fund
Major Services & Supplies Expenditure Items

Section/Fund No:

44205

	Actual FY15-16	Adopted FY16-17	Requested FY17-18	Difference	Percent Change
<u>51061 Maintenance - Equipment</u>	931,582	530,000	1,247,000	717,000	135.3%
Increase due to non-routine large maintenance projects.					
<u>51211 Legal Services</u>	7,960	10,000	10,000	0	0.0%
Reflects level of expected expenditures.					
<u>51231 Testing/Analysis</u>	109,046	160,000	130,000	(30,000)	-18.8%
Decrease to align more closely with FY15-16 actuals.					
<u>51803 Other Contract Services</u>	1,097,594	884,500	1,339,080	454,580	51.4%
Increase due to non-routine large maintenance projects.					
<u>51917 District Operations Chgs</u>	12,859,759	12,200,350	13,900,000	1,699,650	13.9%
Increase attributable to a) negotiated labor agreements, 8.9% over FY15-16 Actuals, b) estimated FY16-17 labor budget determined prior to finalizing negotiated labor agreements resulting in an underestimate of 5%, and c) additional labor anticipated for design and construction of large non-routine maintenance projects.					
<u>51921 Equipment Usage Charges</u>	722,971	600,000	650,000	50,000	8.3%
Reflects level of expected expenditures.					
<u>52072 Chemicals</u>	573,050	650,000	650,000	0	0.0%
Expected to increase over FY15-16 actuals due to slightly increased deliveries but remain the same as FY16-17 budget.					
<u>52141 Minor Equipment/Small Tools</u>	135,307	140,000	140,000	0	0.0%
Expected to remain the same as FY16-17 budget. Budget is aligned more closely with FY15-16 actuals.					
<u>52193 Utilities - Electric</u>	3,501,737	4,300,000	3,200,000	(1,100,000)	-25.6%
Expected to decrease over FY15-16 actuals (\$3.5 million) and over FY16-17 budget (\$4.3 million) due to reduced power costs.					

2017-18

Water Transmission System Agency Fund

51061	Maintenance - Equipment	AMOUNT
1	Cathodic Protection - Petaluma AQ	254,000
2	Cathodic Protection - Santa Rosa AQ & Cotati Intertie	240,000
3	Chlorine Gas Detection	25,000
4	Collector 6 Chlorine Lines Maintenance	25,000
5	Collector 4 Chlorine Lines Maintenance	100,000
6	Eldridge Booster Station Decommission	25,000
7	Electrical Supplies and Maintenance Services	355,000
8	Hardware and Miscellaneous Supplies	50,000
9	Reservoir Fall Restraints	25,000
10	Santa Rosa Plain Well Monitoring Program (SCWA Wells)	15,000
11	Wohler Road Settlement	50,000
12	Wohler Road RR Fiber Optic Cable Relocation	68,000
13	WT Monitoring Well Pressure Transducers	15,000
		\$ 1,247,000

51803	Other Contract Services	AMOUNT
1	Aqueduct Condition Assessments	75,000
2	Maximo Hosting	68,280
3	Mirabel Infiltration Pond Rehab	60,000
4	Riverfront Park Maintenance	120,300
5	Sonoma Youth Ecology Corps	30,000
6	Tank Recoat - Forestville	271,000
7	Wilfred Booster Station Motor & Electrical Upgrade	55,000
8	BAIRWMP	30,000
9	Community Outreach Program	7,500
10	Legislative Advocacy - Federal	95,000
11	Legislative Advocacy - State	32,000
12	NCIRWMP	35,000
13	Groundwater Banking Feasibility - Pilot Studies	50,000
14	Methodologies-Peak Demand Supply	35,000
15	Modeling Program	50,000
16	No Bay Reg Wtr Supply Resilliency Study	75,000
17	Russian River Wtrshed Coupled Surface Wtr/GW Model	100,000
18	Russian River Well Field Assessment and Evaluation	100,000
19	Water Quality Studies	50,000
		\$ 1,339,080

51803 Other Contract Services Project Information

FY17-18

Aqueduct Condition Assessments

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

\$75,000

Groundwater Banking Feasibility - Pilot Studies

A Feasibility Study for a Groundwater Banking Program was prepared in 2013 for the Water Agency in partnership with the City of Sonoma, Valley of the Moon Water District, City of Cotati, City of Rohnert Park, and Town of Windsor. The Feasibility Study identified opportunities to improve long-term water supply reliability in Sonoma Valley and the Santa Rosa Plain by utilizing wintertime Russian River supplies and existing conveyance infrastructure to meet dry year water needs. The Feasibility Study concluded that aquifer storage and recovery wells are the most feasible method for implementing groundwater banking in the region. The next step in demonstrating the feasibility of Aquifer Storage and Recovery (ASR) is to perform a pilot study to: (1) assess the ability of local aquifers to store water; (2) assess potential water quality changes during ASR; (3) refine permitting parameters for ASR projects; and (4) provide data to scope and develop long-term groundwater banking programs. An ASR Pilot Study is planned to be initiated in Sonoma Valley in 2017 in partnership with the City of Sonoma utilizing previously budgeted funds from FY 15/16 and 16/17. Pending the success in demonstrating the feasibility of ASR, an additional pilot would be planned for the Santa Rosa Plain

\$50,000

Funds expected to be expended in FY 17/18 would initiate the planning and permitting for an ASR Pilot Study in the Santa Rosa Plain groundwater basin.

Methodologies-Peak Demand Supply

An updated Water Supply Allocation model was prepared in 2013 by Brown & Caldwell for the Water Agency and its Contractors. The updated model was temporarily approved and accepted by the Contractors through June 2015 to provide the city of Petaluma time to resolve several issues city staff had raised regarding model assumptions. These issues have now been resolved, however, the agreement with Brown and Caldwell has expired and there is no funding for finalizing the model. Furthermore, the updated model was prepared almost 4 years ago and several of the assumptions should be updated based on new information in both the Water Agency's and Water Contractor's 2015 UWMPs.

\$35,000

Funds to be expended in FY 17/18 will be used to: (1) update model assumptions; and (2) present the updated model to the Water Agency's Board of Directors and request adoption.

Mirabel Infiltration Pond Rehab

This project will rehabilitate the infiltration ponds at the Mirabel production facility to maintain and restore recharge capacity of the ponds.

\$60,000

Modeling Program

Ongoing program updating the Water Agency's transmission system model and providing modeling support for Capital project design and Operations & Maintenance.

\$50,000

No Bay Reg Wtr Supply Resiliency Study

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

\$75,000

Funds to be expended in FY 17/18 would be used to develop a work plan in cooperation with the Water Agency's Water Contractors.

Russian River Cross Sections - Labor only

Annual cross-sections for riverbed modeling.

\$0

51803 Other Contract Services Project Information

Russian River Wtrshed Coupled Surface Wtr/GW Model

The primary objectives of this project are to: 1) refine the understanding of the Russian River Watershed hydrologic system based on an analysis of new and available field data; and 2) develop a coupled watershed/groundwater-flow model for the Russian River Watershed that will facilitate improved management of the region's water resources.

This study will assist the Water Agency, the State Board, and other stakeholders to better understand the potential impacts of increasing groundwater demand on water levels and in developing strategies for efficient surface-water/groundwater management. The project will be performed over the next four years starting in FY 17/18 and is being funded by the State Water Resources Control Board, the United States Geological Survey, the Water Agency, the County of Mendocino, Mendocino County Russian River Flood Control & Water Conservation Improvement District and Redwood Valley County Water District.

\$100,000

Russian River Well Field Assessment and Evaluation

The Russian River Well Field is an emergency backup water supply that cannot pump into the transmission system when the collector wells are pumping (their pumps operate at a much lower hydraulic head). The FY17-18 budget is to develop a work plan to:

1. Evaluate the condition of the wells;
2. Determine which configuration of wells could best augment water produced by the collector wells;
3. How to best pump water produced by the well field into the transmission system; and
4. Determine if there are locations at Mirabel and Wohler where additional wells could be drilled and constructed to augment water produced by the existing system.

\$100,000

Tank Recoat - Forestville

This project will remove the interior and exterior coatings to reline and recoat the existing 1MG and 0.3MG Forestville Tanks with new epoxy coatings. The project will also include replacement of the cathodic protection system.

\$271,000

Water Quality Studies

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

\$50,000

Wilfred Booster Station Motor & Electrical Upgrade

Replace Wilfred Booster Station's electrical building, motor, and other critical electrical components.

\$55,000

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Management Planning

Section/Fund No: 44210

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	503,294	271,349		269,782		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	3,660	2,100	2,100	3,003	903	43.00%
44050 Unrealized Gains and Losses	(708)	(1,500)	0	0	0	N/A
SUBTOTAL	2,952	600	2,100	3,003	903	43.00%
INTERGOVERNMENTAL REVENUE						
42619 Town of Windsor	9,542	7,394	7,394	7,628	234	3.17%
SUBTOTAL	9,542	7,394	7,394	7,628	234	3.17%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	158,655	126,005	123,200	130,000	6,800	5.52%
47102 Transfers In - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	158,655	126,005	123,200	130,000	6,800	5.52%
TOTAL REVENUES	171,149	133,999	132,694	140,631	7,937	5.98%
EXPENDITURES						
SERVICES AND SUPPLIES						
51205 Advertising Marketing	1,405	0	0	0	0	N/A
51211 Legal Services	0	0	0	0	0	N/A
51212 Legal Services - External	919	600	0	0	0	N/A
51241 Outside Printing & Binding	116	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	79,966	200,000	20,000	20,000	0	0.00%
51917 District Operations Chgs	174,296	75,000	5,000	5,000	0	0.00%
51921 Equipment Usage Charges	0	0	0	0	0	N/A
52171 Water Conservation Program	0	0	0	0	0	N/A
SUBTOTAL	256,702	275,600	25,000	25,000	0	0.00%
OTHER CHARGES						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53501 Contributions	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
OTHER FINANCING USES						
57011 Transfers Out - within a Func	7,066	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	7,066	0	0	0	0	N/A
TOTAL EXPENDITURES	263,768	275,600	25,000	25,000	0	0.00%
Adjustments to Reserves/Encumbrances:						
Outstanding Encumbrances - Net Change	(140,034)	140,034				
Unrealized Gain/ Loss (GASB 31)	708					
Rounding		-0.5				
ENDING FUND BALANCE	271,349	269,782		385,413		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Watershed Planning/Restoration

Section/Fund No: 44215

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	6,764,614	2,912,687		4,802,249		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	55,548	30,000	18,000	25,740	7,740	43.00%
44050 Unrealized Gains and Losses	(6,556)	(25,000)	0	0	0	N/A
SUBTOTAL	48,992	5,000	18,000	25,740	7,740	43.00%
INTERGOVERNMENTAL REVENUE						
42461 Federal Other Funding	36,801	64,000	0	0	0	N/A
42619 Town of Windsor	193,925	201,049	201,049	210,127	9,079	4.52%
SUBTOTAL	230,726	265,049	201,049	210,127	9,079	4.52%
MISCELLANEOUS REVENUE						
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	300	0	0	0	N/A
46050 Cancelled/Stale Dated Warrant	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Reven	75	151	0	0	0	N/A
SUBTOTAL	75	451	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	3,224,686	3,426,277	3,350,000	3,581,000	231,000	6.90%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	3,224,686	3,426,277	3,350,000	3,581,000	231,000	6.90%
TOTAL REVENUES	3,504,480	3,696,776	3,569,049	3,816,867	247,819	6.94%
EXPENDITURES						
SERVICES AND SUPPLIES						
51021 Communication Expense	0	0	0	0	0	N/A
51061 Maintenance - Equipment	6,899	6,000	0	0	0	N/A
51205 Advertising Marketing	793	0	0	0	0	N/A
51209 Information Tech Svc (non ISD)	150	0	0	0	0	N/A
51211 Legal Services	11,112	6,000	0	0	0	N/A
51212 Legal Services - External	3,913	2,000	0	0	0	N/A
51226 Consulting Services	0	0	0	0	0	N/A
51231 Testing/Analysis	51,827	60,000	0	0	0	N/A
51241 Outside Printing and Binding	3,145	5,700	0	0	0	N/A
51244 Permits/License/Fees	26,268	2,500	0	0	0	N/A
51401 Rents and Leases - Equipment	8,876	22,000	0	0	0	N/A
51601 Training/Conference	200	0	0	0	0	N/A
51602 Business Travel/Mileage	320	1,300	0	0	0	N/A
51605 Private Car Expense	615	0	0	0	0	N/A
51801 Other Services	800	0	0	0	0	N/A
51803 Other Contract Services	838,785	1,756,500	1,376,500	1,163,000	(213,500)	(15.51%)
51902 Telecommunication Usage	353	150	0	0	0	N/A
51917 District Operations Chgs	2,053,884	4,402,100	3,048,500	3,024,000	(24,500)	(0.80%)
51921 Equipment Usage Charges	28,353	25,000	0	0	0	N/A
52021 Clothing, Uniforms, Personal	3,717	1,500	0	0	0	N/A
52031 Food	1,288	400	0	0	0	N/A
52042 Janitorial Supplies	19	0	0	0	0	N/A
52043 Safety Supplies/Equipment	0	0	0	0	0	N/A

Section Title:

Watershed Planning/Restoration

Section/Fund No:

44215

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
52061 Fuel/Gas/Oil	3	0	0	0	0	N/A
52063 Vehicle Parts	0	0	0	0	0	N/A
52071 Materials and Supplies Expens	0	0	0	0	0	N/A
52081 Medical/Laboratory Supplies	785	1,700	0	0	0	N/A
52101 Other Supplies	4,205	10,000	0	0	0	N/A
52111 Office Supplies	17	100	0	0	0	N/A
52114 Freight/Postage	0	0	0	0	0	N/A
52115 Books/Media	120	0	0	0	0	N/A
52117 Mail and Postage Supplies	1,321	1,500	0	0	0	N/A
52141 Minor Equipment/Small Tools	25,015	6,000	0	0	0	N/A
52143 Computer Software	642	0	0	0	0	N/A
52181 Business Meals/Supplies	0	0	0	0	0	N/A
SUBTOTAL	3,073,424	6,310,450	4,425,000	4,187,000	(238,000)	(5.38%)
<u>OTHER CHARGES</u>						
53104 Other Interest Expense	(19)	0	0	0	0	N/A
53402 Depreciation Expense	6,583	8,000	0	0	0	N/A
53501 Contributions	1,500	2,500	0	0	0	N/A
SUBTOTAL	8,064	10,500	0	0	0	N/A
<u>REIMBURSEMENTS</u>						
58010 Reimb. - General	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<u>FIXED ASSETS</u>						
19840 Acq-WIP-Equipment	9,166	20,000	0	0	0	N/A
19841 Acq-WIP-Intangibles	3,356	210,000	150,000	294,000	144,000	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	12,522	230,000	150,000	294,000	144,000	1
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	87,436	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	87,436	0	0	0	0	N/A
TOTAL EXPENDITURES	3,181,446	6,550,950	4,575,000	4,481,000	(94,000)	(2.05%)
Adjustments to Reserves/Encumbrances:						
Technical Adjustments		0				
Outstanding Encumbrances - Net Change	(4,201,828)	4,735,736				
Capital Interest	(19)					
Depreciation	6,583	8,000				
Audit Adjustment (A/P)	13,747					
Unrealized Gain/ Loss (GASB 31)	6,556					
Rounding						
ENDING FUND BALANCE	2,912,687	4,802,249		4,138,117		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Recycled Water and Local Supply

Section/Fund No:

44220

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	1,140,308	(63,538)		145,529		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	16,879	4,500	4,500	6,435	1,935	43.00%
44050 Unrealized Gains and Losses	(2,738)	0	0	0	0	N/A
SUBTOTAL	14,141	4,500	4,500	6,435	1,935	43.00%
INTERGOVERNMENTAL REVENUE						
42358 State Other Funding	9,478	10,881	0	0	0	N/A
42619 Town of Windsor	76,869	39,910	39,910	24,352	(15,558)	(38.98%)
SUBTOTAL	86,348	50,791	39,910	24,352	(15,558)	(38.98%)
CHARGES FOR SERVICES						
45301 Charges for Services	310,700	0	0	0	0	N/A
SUBTOTAL	310,700	0	0	0	0	0
MISCELLANEOUS REVENUE						
46022 Capital Grants-State	5,663	138,126	0	0	0	N/A
46029 Donations/Contributions	39,793	0	112,500	0	(112,500)	(100.00%)
46200 Revenue Appl PY Misc Revenue	191	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
SUBTOTAL	45,647	138,126	112,500	0	(112,500)	(100.00%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,428,225	1,580,142	665,000	415,000	(250,000)	(37.59%)
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,428,225	1,580,142	665,000	415,000	(250,000)	(37.59%)
TOTAL REVENUES	1,885,061	1,773,558	821,910	445,787	(376,123)	(45.76%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51021 Communication Expense	0	0	0	0	0	N/A
51061 Maintenance - Equipment	37	5,311	0	0	0	N/A
51205 Advertising/Marketing Svc	0	0	0	0	0	N/A
51209 Information Tech Svc (non ISD)	18,255	0	0	0	0	N/A
51211 Legal Services	578	0	0	0	0	N/A
51212 Legal Services - External	2,730	0	0	0	0	N/A
51226 Consulting Services	0	0	0	0	0	N/A
51241 Outside Printing and Binding	1,346	0	0	0	0	N/A
51244 Permits/License/Fees	1,454	0	0	0	0	N/A
51401 Rents and Leases - Equipment	645	0	0	0	0	N/A
51601 Training Services	1,411	0	0	0	0	N/A
51602 Business Travel/Mileage	499	0	0	0	0	N/A
51803 Other Contract Services	574,765	1,161,152	372,500	15,000	(357,500)	(95.97%)
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	683,673	405,000	405,000	100,000	(305,000)	(75.31%)
51921 Equipment Usage Charges	18,367	0	0	0	0	N/A
52031 Food	0	0	0	0	0	N/A
52061 Fuel/Gas	22	0	0	0	0	N/A
52101 Other Supplies	0	0	0	0	0	N/A

Section Title:

Recycled Water and Local Supply

Section/Fund No:

44220

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
52115 Books/Media/Subscriptions	0	0	0	0	0	N/A
52117 Mail and Postage Supplies	144	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	707	0	0	0	0	N/A
52143 Computer Software/Licensing Fees	3,000	0	0	0	0	N/A
SUBTOTAL	1,307,632	1,571,463	777,500	115,000	(662,500)	(85.21%)
OTHER CHARGES						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53501 Contributions	1,432,350	725,000	0	0	0	N/A
SUBTOTAL	1,432,350	725,000	0	0	0	N/A
FIXED ASSETS						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	293,156	22,330	0	0	0	N/A
19841 Work in Progress - Intang	3,548	0	0	0	0	N/A
SUBTOTAL	296,704	22,330	0	0	0	N/A
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	28,318	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	28,318	0	0	0	0	N/A
TOTAL EXPENDITURES	3,065,004	2,318,792	777,500	115,000	(662,500)	(85.21%)
Adjustments to Reserves/Encumbrances:						
Technical Adjustments	0	0				
Outstanding Encumbrances - Net Change	(65,380)	794,211				
Change in Windsor Reserve	(76,869)	(39,910)		(101,054)		
Audit Adjustment (A/P)	115,610					
Unrealized Gain/ Loss (GASB 31)	2,738					
Rounding	(2)	(0)				
ENDING FUND BALANCE	(63,538)	145,529		375,261		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Water Conservation

Section/Fund No: 44225

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	888,870	481,317		290,552		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	7,668	4,500	4,500	6,435	1,935	43.00%
44050 Unrealized Gains and Losses	(1,158)	0	0	0	0	N/A
SUBTOTAL	6,509	4,500	4,500	6,435	1,935	43.00%
INTERGOVERNMENTAL REVENUE						
42358 State Other Funding	148,730	505,050	505,050	26,250	(478,800)	(94.80%)
42461 Federal Other Funding	46,895	42,391	42,391	40,000	(2,391)	(5.64%)
42610 Other Governmental Agencies	124,504	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	8,591	0	0	0	0	N/A
42615 City of Cotati	0	0	0	0	0	N/A
42618 City of Sonoma	11,347	0	0	0	0	N/A
42619 Town of Windsor	98,654	101,968	101,968	106,446	4,477	4.39%
42621 North Marin Water District	8,166	0	0	0	0	N/A
SUBTOTAL	446,887	649,409	649,409	172,696	(476,714)	(73.41%)
Charges for Services						
45301 Charges for Services	6,832	0	0	0	0	N/A
SUBTOTAL	6,832	0	0	0	0	N/A
OTHER FINANCING SOURCES						
46021 Capital Gains - Federal	0	0	0	0	0	N/A
46022 Capital Grants - State	0	0	0	0	0	N/A
46029 Donations/Contributions	16,500	205,000	205,000	120,000	(85,000)	(41.46%)
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46041 Discounts Earned	42	0	0	0	0	N/A
46050 Cancelled/Stale Dated Warrants	0	0	0	0	0	N/A
46200 Revenue Appl PY Misc Revenue	(6,750)	0	0	0	0	N/A
46215 Other Grants	11,000	0	0	0	0	N/A
SUBTOTAL	20,792	205,000	205,000	120,000	(85,000)	(41.46%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,640,500	1,737,745	1,699,059	1,814,050	114,991	6.77%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,640,500	1,737,745	1,699,059	1,814,050	114,991	6.77%
TOTAL REVENUES	2,121,520	2,596,654	2,557,968	2,113,181	(444,788)	(17.39%)
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	27,951	4,000	0	0	0	N/A
51205 Advertising/Marketing Svc	80,709	110,000	0	0	0	N/A
51209 Information Tech Svc (non ISD)	527	0	0	0	0	N/A
51211 Legal Services	116	0	0	0	0	N/A
51214 Agency Extra/Temp Help	0	0	0	0	0	N/A

Section Title:

Water Conservation

Section/Fund No:

44225

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
51225 Training Services	1,000	10,000	0	0	0	N/A
51230 Security Services	407	0	0	0	0	N/A
51241 Outside Printing and Binding	33,867	10,000	10,000	45,000	35,000	350.00%
51244 Permits/License	100	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	300	0	0	0	0	N/A
51401 Rents and Leases - Equipment	405	0	0	0	0	N/A
51601 Training Services	11,033	0	0	0	0	N/A
51602 Business Travel/Mileage	1,526	2,500	2,500	3,000	500	20.00%
51605 Private Car Expense	1,837	0	0	0	0	N/A
51801 Other Services	15,250	0	0	0	0	N/A
51803 Other Contract Services	421,732	458,000	87,600	91,800	4,200	4.79%
51902 Telecommunication Usage	707	0	0	0	0	N/A
51915 ISD Reprographics Services	0	0	0	0	0	N/A
51917 District Operations Chgs	1,385,784	1,424,850	1,424,850	1,420,000	(4,850)	(0.34%)
51921 Equipment Usage Charges	30,784	12,100	0	0	0	N/A
52021 Clothing, Uniforms	167	0	0	0	0	N/A
52031 Food	975	0	0	0	0	N/A
52042 Janitorial Supplies	53	0	0	0	0	N/A
52061 Fuel/Gas/Oil	14	0	0	0	0	N/A
52071 Materials and Supplies Expense	0	15,000	25,000	7,500	(17,500)	(70.00%)
52091 Memberships/Certifications	7,977	10,000	10,000	13,000	3,000	30.00%
52101 Other Supplies	14,156	10,000	0	0	0	N/A
52111 Office Supplies	2,444	0	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	957	0	0	0	0	N/A
52117 Mail and Postage Supplies	771	0	0	0	0	N/A
52141 Minor Equipment/Small Tools	5,766	0	0	0	0	N/A
52142 Computer Equipment/Accessories	0	0	0	0	0	N/A
52162 Special Department Expense	3,781	0	0	0	0	N/A
52171 Water Conservation Program	11,984	500,000	525,500	480,000	(45,500)	(8.66%)
52181 Business Meals/Supplies	0	0	0	0	0	N/A
SUBTOTAL	2,063,080	2,566,450	2,085,450	2,060,300	(25,150)	(1.21%)
<u>OTHER CHARGES</u>						
53501 Contributions	92,109	556,870	505,050	0	(505,050)	(100.00%)
SUBTOTAL	92,109	556,870	505,050	0	(505,050)	(100.00%)
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within a Fund	61,657	0	0	0	0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	61,657	0	0	0	0	N/A
TOTAL EXPENDITURES	2,216,845	3,123,320	2,590,500	2,060,300	(530,200)	(20.47%)
Adjustments to Reserves/Encumbrances:						
Technical Adjustments	0	0		0		
Outstanding Encumbrances - Net Change	(214,731)	437,869		0		
Change in Windsor Reserve	(98,654)	(101,968)		(129,688)		
Audit Adjustment (A/P)	0	0		0		
Unrealized Gain/ Loss (GASB 31)	1,158	0		0		
Rounding	(1)	(0)				
ENDING FUND BALANCE	481,317	290,552		213,745		

Water Transmission Budget

2017-18

Itemized Detail for Subfunds Consulting/Contractual Services

Budget
FY17-18

Water Management Planning

Water Demand Analysis/ Financial Modeling: Develop scope, cost, energy requests, and schedule of transmission system projects required to meet the Water Agency's portion of UWMP-identified projected demands through the Urban Water Management planning horizon. Projects identified using Water Agency's transmission system hydraulic model. Next UWMP due July 1, 2020. Conduct follow-up meetings, respond to DWR and contractor requests, track regulatory compliance changes, and coordinate with climate adaption strategic planning efforts.

\$ 20,000

Watershed Planning/Restoration

RRIFR Decision 1610 Change Petition: Russian River Flows: Assist in preparation of final Environmental Impact Report for Fish Habitat Flows and Water Rights Project in preparation for Board of Directors consideration for certification. Consultant services for responses to comments on the Draft EIR, and any additional impact analysis, flow modeling, hydroelectric analysis, water quality monitoring, climate change modeling (USGS), EIR, and hydrologic index evaluation needed. Work is occurring internally on the Environmental Impact Report for the Fish Habitat Flows and Water Rights Project. The EIR is being prepared by Water Agency staff, with assistance from consultants on some areas of impact analysis. A draft EIR was released on August 19, 2016. In FY17-18, most of the work will focus on reviewing and responding to public comments, adjustments to the proposed Hydrologic Index, and refinements to models, preparation of the final EIR, and presentation to the Board of Directors to certify. Work also includes submission of annual Temporary Urgency Change Petition to the State Board to approve the requested changes to minimum in-stream flows as identified in the Biological Opinion. Compared to FY16-17, the Decision 1610 budget has increased approximately \$200,000. The increase is attributable to the level of effort to prepare and certify the final EIR.

368,000

RRIFR Estuary Management: Required Annual Biological Opinion Activities: The Water Agency, in consultation with NMFS, California Department of Fish & Wildlife (CDFW) and the U.S. Army Corps of Engineers (Corps), is required to annually prepare a lagoon outlet adaptive management plan by April 1; conduct and record monthly surveys of the beach topography and the outlet channel; use a time lapse video camera to record the interaction of waves, tides and the river mouth; conduct baseline monitoring of seals and other pinnipeds, conduct estuary water quality monitoring, conduct extensive surveys of estuary invertebrates; conduct juvenile steelhead and coho salmon rearing surveys, and prepare annual reports. From late spring to early fall (when flows are below 300 cfs at Hacienda Bridge), the Water Agency conducts monthly surveys of young steelhead in the estuary. Other 2017 activities include installation and monitoring of downstream migrant salmonid traps and water quality monitoring stations, and flood risk feasibility studies, climate change and sea level rise analysis (NOAA Habitat Blueprint). Compared to FY16-17, the Estuary Management budget has increased approximately \$20,000 due to contract services for outlet channel adaptive management plan development and scheduled removal of groundwater wells used for the jetty study. Six monitoring wells were installed at Goat Rock State Beach in 2014 to support the development of the Jetty Study. The draft Jetty Study was prepared by Environmental Science Associates and was released to state and federal resource and regulatory agencies in March 2016. The monitoring wells are no longer needed, therefore a drilling contractor will be employed to remove the monitoring wells. Water Agency staff will oversee all removal activities. Removal activities will comply with all local, state and federal permitting requirements.

\$ 675,000

Water Transmission Budget

2017-18

Itemized Detail for Subfunds Consulting/Contractual Services

	Budget FY17-18
<p><u>USGS Programmatic Climate Change Studies</u>: USGS will continue ongoing work on updating unimpaired flows in the Russian River Basin to support Water Agency water supply planning efforts. This includes developing unimpaired flows for 6 new climate scenarios from the Intergovernmental Panel on Climate Change Fifth Assessment Report, modeling impact scenarios for changing land use and water availability and provide science support in the finalization of the Draft Environmental Impact Report for Fish Habitat Flows and Water Rights Project Environment Impact Report. Under previous agreement the USGS the Russian River Basin Characterization Model to develop a historical unimpaired flow dataset for the Russian River from 1910 to 2013. This dataset was to support the modeling of the Draft EIR, and the 2015 Urban Water Management Plan. The USGS also downscaled 4 future climate change scenarios to produce daily climate change unimpaired hydrology for the Russian River. This dataset was used for the development of the Lake Mendocino Reliability Study completed in 2015.</p>	\$ 120,000
<p><u>National Integrated Drought Information System (NIDIS)</u>: NIDIS is a national program led by NOAA to integrate drought research in support of creating a national early drought water information system. Under a grant from NOAA, the Center for Western Weather and Water Extremes (CW3E) is conducting a study to develop a drought early warning system for Sonoma County. The Water Agency has been working with CW3E to complete this study. Water Agency staff will continue to work with CW3E to finalize this project and participate in upcoming NIDIS meetings.</p>	\$ 25,000
	\$ 1,163,000
<p><u>Recycled Water and Local Supply</u></p>	
<p>Funding for Santa Rosa Plain Groundwater Management in FY 17/18 is included to cover any potential financial contribution from the Water Agency that may be needed for the future Santa Rosa Plain Groundwater Sustainability Agency's (GSA's) first year of activities. The actual amount of any financial contribution, if any, has not yet been determined. Funding any potential Water Agency financial contribution through the Water Transmission Recycled Water/Local Supply is appropriate, as the Water Agency has critical water supply sources within the Santa Rosa Plain Groundwater Subbasin (Occidental Rd, Sebastopol Rd, and Todd Rd groundwater production wells) that could be impacted by the future GSA's activities.</p>	\$ 100,000
<p><u>Sonoma Creek Seepage Study</u></p>	
<p>The Sonoma Creek Seepage Study includes the performance of seepage runs, which are streamflow measurements conducted over a short period of time at multiple locations by the Sonoma Ecology Center, to evaluate the exchange between surface water in Sonoma Creek and its tributaries and groundwater. Data collected through the program provides information on surface water groundwater exchange and information needed to calibrate the groundwater flow model. The funding for the program was budgeted in FY12/13 and 13/14, which funded a \$69K agreement with the Sonoma Ecology Center.</p>	\$ 15,000
<p>In FY14/15 and FY15/16, monthly measurements were collected at approximately 19 sites and semiannual measurements were collected at approximately 70 sites in February and October 2015.</p>	
<p>Funding allocated in FY16/17 and FY17-18: semiannual measurements would be collected at up to 70 sites.</p>	
	\$ 115,000

Water Transmission Budget

2017-18

Itemized Detail for Subfunds Consulting/Contractual Services

	Budget FY17-18
<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	\$ 45,000
	<u>\$ 45,000</u>
<u>51602-Business Travel/Mileage</u>	
Attend local and statewide meeting representing the Partnership and SCWA	\$ 3,000
	<u>\$ 3,000</u>
<u>51803-Other Contract Services</u>	
Water Education Bus Contract to shuttle kids from school to field study sites	\$ 41,800
Green Business Program: Funding to staff a part time position which provides water assessments for local businesses pursuing the Green Business Certification	\$ 50,000
	<u>\$ 91,800</u>
<u>51917-District Operations Chgs</u>	
Salaries, benefits and overhead costs for staff assigned to projects budgeted within the Water Conservation Fund.	\$ 1,420,000
	<u>\$ 1,420,000</u>
<u>52071-Materials and Supplies Expense</u>	
Teaching aids, pH strips, fabric for displays, youth outreach displays, etc.	\$ 7,500
	<u>\$ 7,500</u>
<u>52091-Memberships/Certifications</u>	
Irrigation Association Certificate Renewals, Water Education Foundation, and CUWCC, Alliance for Water Efficiency, etc.	\$ 13,000
	<u>\$ 13,000</u>
<u>52171-Water Conservation Program</u>	
Sonoma County Fair: Materials and hardware that are WUE focused for distribution at the Sonoma County fair	\$ 10,000
Saving Water Partnership Wholesaler Support: Act as the regional liaison attend meetings of the CUWCC Board, Alliance for Water Efficiency, Green Building Standards Commission, Independent Technical Panel, Urban Advisory Group, CA Science Teachers Association, environmental education conference.	\$ 20,000
School Education Program: Such as assembly program, port-a-potties, steelhead in the classroom program, youth outreach events, teacher program, English as a second language program, educational workbooks, maps	\$ 160,500
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.	\$ 96,500
Public Information/Outreach Programs: Media campaign for the Sonoma-Marin Saving Water Partnership including media ad buy, ad development, photographer	\$ 160,000
Seminars, Workshops, Training: Host trainings/ workshops to benefit the Partnership, such as Water Loss, WELO; Participation in national/ statewide studies such as Turf Transformation Study	\$ 30,000
GardenSoft Licensing: Licensing of online Water Wise Gardening plant palate that is specific to Sonoma and Marin Counties	\$ 3,000
	<u>\$ 480,000</u>
Total	\$ 2,060,300

Water Transmission System Agency Fund
Local Supply / Recycled Water / Tier 2 Programs
Balance as of January 9, 2017

<i>Contractor</i>	<i>10-Year</i>	<i>Amount</i>	<i>Amount</i>	<i>Balance</i>	
	<i>Allocation</i>	<i>Approved by WAC</i>	<i>Disbursed</i>	<i>Available¹</i>	<i>Encumbered</i>
Santa Rosa	\$5,065,236	\$5,065,236	\$5,065,236	0	
Petaluma	2,197,913	2,197,913	2,197,913	0	
MMWD	1,724,026	1,724,026	1,000,000	724,026	
NMWD	1,846,726	1,846,726	1,846,726	0	
Rohnert Park	649,629	649,629	649,629	0	
VOM WD	627,875	627,875	627,875	0	
Sonoma	539,411	539,411	539,411	0	
Windsor	86,996	86,996	86,996	0	
Cotati	157,235	157,235	157,235	0	
Forestville	104,953	104,953	104,953	0	
TOTAL	\$13,000,000	\$13,000,000	\$12,275,974	\$724,026	

1. Balance Available based on 10-Year Allocation

Program started June 30, 2000 - No end date specified.

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Santa Rosa Aqueduct Capital Fund
 Section/Fund No: 44230

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	2,934,957	6,057,463		5,819,006		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	30,614	15,000	15,000	21,450	6,450	43.00%
44003 Other Interest Earnings	29,200	0	0	0	0	N/A
44050 Unrealized Gains & Loss	(285)	(13,863)	0	0	0	N/A
SUBTOTAL	59,530	1,137	15,000	21,450	6,450	43.00%
MISCELLANEOUS REVENUES						
46040 Miscellaneous Revenue	0	0	0	0	0	N/A
46021 Capital Grants - Federal	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
ADMINISTRATIVE CONTROL ACCOUNT						
49002 Advances	1,571,662	0	0	0	0	N/A
49003 Advances Clearing	(1,571,662)	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a F	1,386,331	320,406	367,728	386,429	18,701	5.09%
47102 Transfers In - btw Govtl	0	0	0	0	0	N/A
SUBTOTAL	1,386,331	320,406	367,728	386,429	18,701	5.09%
SPECIAL ITEMS						
48004 Residual Equity Transfer	156,694	0	0	0	0	N/A
SUBTOTAL	156,694	0	0	0	0	N/A
TOTAL REVENUES	1,602,555	321,542	382,728	407,879	25,151	6.57%
EXPENDITURES						
OTHER CHARGES						
53103 Interest on LT Debt	0	0	0	0	0	N/A
53104 Other Interest Expense	(256)	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	(256)	0	0	0	0	N/A
FIXED ASSETS						
19820 Machinery and Equipme	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	51,995	560,000	10,000	727,000	717,000	7170.00%
19840 Work in Progress - Eq	0	0	0	0	0	N/A
19841 Work in Progress - Intar	0	0	0	0	0	N/A
19851 Intangible Assets - Non-	0	0	0	0	0	N/A
SUBTOTAL	51,995	560,000	10,000	727,000	717,000	7170.00%
OTHER FINANCING USES						
57011 Transfers Out - within a	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	51,739	560,000	10,000	727,000	717,000	7170.00%
Adjustments to Reserves/Encumbrances:						
CBA's - Included in Est. Current Yr Expenses		0				
Repayment of Loan to Storage	1,571,662	0				
Unrealized Gain/ Loss (GASB 31)	285					
Capitalized Interest	(256)					
Rounding	(1)	0				
ENDING FUND BALANCE	6,057,463	5,819,006		5,499,885		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Petaluma Aqueduct Capital Fund
 Section/Fund No: 44235

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	2,591,332	7,403,293		7,410,323		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Ca	38,015	20,000	15,000	21,450	6,450	43.00%
44003 Other Interest Earning	74,826	0	0	0	0	N/A
44050 Unrealized Gains & L	3,669	(12,000)	0	0	0	N/A
SUBTOTAL	116,510	8,000	15,000	21,450	6,450	43.00%

ADMINISTRATIVE CONTROL ACCOUNT

49002 Advances	4,027,384	0	0	0	0	N/A
49003 Advances Clearing	(4,027,384)	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

OTHER FINANCING SOURCES

47101 Transfers In - within a	683,394	179,029	252,060	227,528	(24,532)	(9.73%)
47102 Transfers In - btw Gov	0	0	0	0	0	N/A
SUBTOTAL	683,394	179,029	252,060	227,528	(24,532)	(9.73%)
TOTAL REVENUES	799,903	187,029	267,060	248,978	(18,082)	(6.77%)

EXPENDITURES

OTHER CHARGES

53103 Interest on LT Debt	0	0	0	0		
53105 Costs of Issuance	0	0	0	0		
53403 Loss - Disposed Capit	0	0	0	0		
SUBTOTAL	0	0	0	0	0	N/A

FIXED ASSETS

19820 Machinery and Equipr	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	0	180,000	30,000	145,000	115,000	383.33%
19840 Work in Progress - Ec	0	0	0	0	0	N/A
19841 Work in Progress - Int	0	0	0	0	0	N/A
19851 Intangible Assets - Nc	0	0	0	0		
SUBTOTAL	0	180,000	30,000	145,000	115,000	383.33%

Section Title:

Petaluma Aqueduct Capital Fund

Section/Fund No:

44235

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
<u>SPECIAL ITEMS</u>						
56030 Residual Equity Trans	11,657	0	0	0	0	N/A
SUBTOTAL	11,657	0	0	0	0	N/A
<u>OTHER FINANCING USES</u>						
57011 Transfers Out - within	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	11,657	180,000	30,000	145,000	115,000	383.33%
Adjustments to Reserves/Encumbrances:						
CBA's - Included in Est. Current Yr Expenses		0				
Loss on Fixed Asset	0	0				
Principal Received on Loan	4,027,384	0				
Unrealized Gain/ Loss (GASB 31)	(3,669)	0				
ENDING FUND BALANCE	7,403,293	7,410,323		7,514,301		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Capital Fund

Section/Fund No:

44240

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	43,591	1,309,718		156,827		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	3,155	328	600	858	258	43.00%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Losses	(363)	(500)	0	0	0	N/A
SUBTOTAL	2,792	(172)	600	858	258	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	277,438	113,726	428,105	113,609	(314,496)	(73.46%)
47102 Transfers In - btw Govtl Func	0	0	0	0	0	N/A
SUBTOTAL	277,438	113,726	428,105	113,609	(314,496)	(73.46%)
SPECIAL ITEMS						
48004 Residual Equity Transfers	1,221,292	0	0	0	0	N/A
SUBTOTAL	1,221,292	0	0	0	0	N/A
TOTAL REVENUES	1,501,521	113,554	428,705	114,467	(314,238)	(73.30%)
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	3,580	0	0	0		
SUBTOTAL	3,580	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	109,586	1,392,616	400,000	135,000	(265,000)	(66.25%)
19840 Work in Progress - Eq	0	0	0	0		
19841 Work in Progress - Intang	0	0	0	0		
19851 Intangible Assets - Non-am	0	0	0	0		
SUBTOTAL	109,586	1,392,616	400,000	135,000	(265,000)	(66.25%)
OTHER FINANCING USES						
57011 Transfers Out - within a Func	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	113,166	1,392,616	400,000	135,000	(265,000)	(66.25%)

Adjustments to Reserves/Encumbrances:

Technical Adjustments		0
Outstanding Encumbrances - Net Change	(126,171)	126,171
Capitalized Interest	0	
Unrealized Gain/ Loss (GASB 31)	3,580	
Unrealized Gain/ Loss (GASB 31)	363	

ENDING FUND BALANCE	1,309,718	156,827	136,294
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**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities

Section/Fund No:

44250

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	169,306	202,128		147,145		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	1,087	1,110	1,200	0	(1,200)	(100.00%)
44050 Unrealized Gains & Losses	(886)	(2,000)	1,200	(2,000)	(3,200)	(266.67%)
SUBTOTAL	201	(890)	2,400	(2,000)	(4,400)	(183.33%)
<u>MISCELLANEOUS REVENUE</u>						
46021 Capital Grants - Federal	0	185,000	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	0	100	0	0	0	N/A
46022 Capital Grants - State (Petaluma AQ - Caltrans Project)	0	0	0	0	0	N/A
SUBTOTAL	0	185,100	0	0	0	N/A
<u>Administrative Control</u>						
49002 Advances	0	0	0	0	0	N/A
49003 Advances Clearing	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
<u>OTHER FINANCING SOURCES</u>						
47101 Transfers In - within a Fund	420,302	1,870,000	950,000	150,000	(800,000)	(84.21%)
47102 Transfers In - btw Govtl Funds	1,600,000	0	0	0	0	N/A
SUBTOTAL	2,020,302	1,870,000	950,000	150,000	(800,000)	(84.21%)
TOTAL REVENUES	2,020,503	2,054,210	952,400	148,000	(804,400)	(84.46%)
EXPENDITURES						
<u>OTHER CHARGES</u>						
53103 Interest on LT Debt	29,200	0	0	0	0	N/A
53104 Other Interest Expense	(111,347)	0	0	0	0	N/A
SUBTOTAL	(82,147)	0	0	0	0	N/A
<u>FIXED ASSETS</u>						
19831 CIP - Bldg & Impr	0	0	0	0	0	N/A
19832 CIP - Infrastructure	394,231	2,203,362	1,177,000	195,000	(982,000)	(83.43%)
19841 Acq-WIP-Intangibles	26,071	0	0	0	0	N/A
19851 Intangible Assets - Non-amort	0	0	0	0	0	N/A
SUBTOTAL	420,302	2,203,362	1,177,000	195,000	(982,000)	(83.43%)

Section Title:

Storage Facilities

Section/Fund No:

44250

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
<u>ADMINISTRATIVE CONTROL ACCOUNT</u>						
59002 Advances	1,571,662	0	0	0	0	N/A
59003 Advances Clearing	(1,571,662)	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	338,155	2,203,362	1,177,000	195,000	(982,000)	(83.43%)

Adjustments to Reserves/Encumbrances:

Technical Adjustments		0	
Repayment of Loan from SR Aqueduct Capital		0	
Princ. Pymnt on loan from SR Aqueduct	(1,571,662)	0	
Outstanding Encumbrances - Net Chang	32,597	92,969	
Capitalized Interest	(111,347)	0	
Unrealized Gain/ Loss (GASB 31)	886	1,200	

ENDING FUND BALANCE	202,128	147,145	100,145
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FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title: Common Facilities

Section/Fund No: 44260

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	5,101,775	2,527,308		990,630		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	44,660	40,000	42,000	8,580	(33,420)	(79.57%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains & Los	(22,273)	(22,000)	0	(22,000)	(22,000)	N/A
SUBTOTAL	22,387	18,000	42,000	(13,420)	(55,420)	(131.95%)
CHARGES FOR SERVICES						
45062 Construct/Bldg Permit F	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
MIECELLANEOUS REVENUES						
46021 Capital Grants - Federa	21,223	7,333,851	4,759,578	0	(4,759,578)	(100.00%)
46022 Capital Grants - State	0	0	0	0	0	N/A
46029 Donations/Contributions	0	0	0	0	0	N/A
46040 Miscellaneous Revenue	531	0	0	0	0	N/A
46041 Discounts Earned	264	0	0	0	0	N/A
46200 Revenue Appl PY Misc	20,880	0	0	0	0	N/A
SUBTOTAL	42,898	7,333,851	4,759,578	0	(4,759,578)	(100.00%)
ADMINISTRATIVE CONTROL						
49002 Advances	0	0	141,510	0	(141,510)	(100.00%)
49003 Advances Clearing	0	0	(141,510)	0	141,510	(100.00%)
SUBTOTAL	0	0	0	0	0	N/A
OTHER FINANCING SOURCES						
47101 Transfers In - within a F	3,855,046	7,900,000	7,491,422	3,627,000	(3,864,422)	(51.58%)
47102 Transfers In - btw Govtl	648,134	0	0	0	0	N/A
SUBTOTAL	4,503,180	7,900,000	7,491,422	3,627,000	(3,864,422)	(51.58%)
TOTAL REVENUES	4,568,465	15,251,851	12,293,000	3,613,580	(8,679,420)	(70.60%)

EXPENDITURES

OTHER CHARGES

53103 Interest on LT Debt	74,826	0	0	0	0	N/A
53104 Other Interest Expense	(645,357)	0	0	0	0	N/A
53403 Loss - Disposed Capital	0	0	0	0	0	N/A
SUBTOTAL	(570,531)	0	0	0	0	N/A

FIXED ASSETS

19810 Land	0	0	0	0	0	N/A
19831 CIP - Bldg & Impr	648,134	0	0	0	0	N/A

Section Title:

Common Facilities

Section/Fund No:

44260

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
19832 CIP - Infrastructure	7,902,800	17,492,970	12,871,000	3,375,000	(9,496,000)	(73.78%)
19840 Acq-WIP-Equipment	0	0	0	0	0	N/A
19841 Work in Progress - Intar	104,360	0	0	625,000	625,000	N/A
19851 Intangible Assets - Non-	0	600,000	0	392,000	392,000	N/A
SUBTOTAL	8,655,294	18,092,970	12,871,000	4,392,000	(8,479,000)	(65.88%)
OTHER FINANCING USES						
57011 Transfers Out - within a	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
ADMINISTRATIVE CONTROL ACCOUNT						
59002 Advances	4,027,384	0	0	0	0	N/A
59003 Advances Clearing	(4,027,384)	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	8,084,763	18,092,970	12,871,000	4,392,000	(8,479,000)	(65.88%)

Adjustments to Reserves/Encumbrances:

Technical Adjustments	0	0
Principal payment on Loan from Petal	(4,027,384)	141,510
Outstanding Encumbrances - Net Chg	5,644,555	1,162,931
Capitalized Interest	(645,357)	
PY CIP adjustment - reclass to PY Ex	0	
Post Audit Adjustment - Payables	(52,256)	
Unrealized Gain/ Loss (GASB 31)	22,273	
Rounding		

ENDING FUND BALANCE	2,527,308	990,630	212,210
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**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: North Marin Water Deposit

Section/Fund No: 44300

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	13,025	13,156		13,257		

REVENUES

USE OF MONEY / PROPERTY

44002 Interest on Pooled Cash	131	101	101	144	43	43.00%
44050 Unrealized Gains and Losses	(20)	0	0	0	0	N/A
SUBTOTAL	111	101	101	144	43	43.00%

Intergovernmental Revenue

42610 Other Governmental Agencies	0	0	0	0	0	N/A
SUBTOTAL	0	0	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	111	101	101	144	43	43.00%
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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	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

TOTAL EXPENDITURES	0	0	0	0	0	N/A
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Adjustments to Reserves/Encumbrances:

Unrealized Gain/ Loss (GASB 31)	20	0				
Rounding		(0)				

ENDING FUND BALANCE	13,156	13,257		13,401		
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**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Debt Service Fund

Section/Fund No: 44265

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	\$22,284	\$6,728		\$141,648		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	4,986	2,600	4,200	6,006	1,806	43.00%
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(1,651)	(2,600)	0	0	0	N/A
SUBTOTAL	3,335	0	4,200	6,006	1,806	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,040,234	1,196,274	1,040,238	1,196,268	156,030	15.00%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,040,234	1,196,274	1,040,238	1,196,268	156,030	15.00%
TOTAL REVENUES	1,043,569	1,196,274	1,044,438	1,202,274	157,836	15.11%
EXPENDITURES						
OTHER CHARGES						
53103 Interest on LT Debt	309,883	289,340	289,340	268,218	(21,122)	(7.30%)
SUBTOTAL	309,883	289,340	289,340	268,218	(21,122)	(7.30%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	0	0	300,000	300,000	N/A
SUBTOTAL	0	0	0	300,000	300,000	N/A
ADMIN. CONTROL ACCOUNT						
59002 Advances	0	750,898	750,898	772,015	21,117	2.81%
59003 Advances Clearing	0	(750,898)	(750,898)	(772,015)	(21,117)	2.81%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	309,883	289,340	289,340	568,218	278,878	96.38%
Adjustments to Reserves/Encumbrances:						
Principal payments on loan	(750,892)	(21,116)				
(Increase) / Decrease in Principal Payable	0	(750,898)		(750,898)		
Unrealized Gain/ Loss (GASB 31)	1,651					
Rounding	0	0				
ENDING FUND BALANCE	\$6,728	\$141,648		\$24,806		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Reserve Fund

Section/Fund No: 44270

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	\$0	(\$0)		(\$0)		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
44002 Interest on Pooled Cash	9,556	0	0	0	0	N/A
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(1,469)	0	0	0	0	N/A
SUBTOTAL	8,087	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	8,087	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	(9,557)	0		0		
Unrealized Gain/ Loss (GASB 31)	1,469					
Rounding	0					
ENDING FUND BALANCE	(\$0)	(\$0)		(\$0)		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bond - 2012A

Section/Fund No:

44280

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	\$8,335	\$56,287		\$22,275		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	331	90	90	129	39	43.00%
44003 Other Interest Earnings	218	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(97)	(200)	0	0	0	N/A
SUBTOTAL	452	(110)	90	129	39	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	309,785	313,405	272,526	310,471	37,945	13.92%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	309,785	313,405	272,526	310,471	37,945	13.92%
TOTAL REVENUES	310,237	313,295	272,616	310,600	37,984	13.93%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	863	2,500	2,500	1,500	(1,000)	(40.00%)
SUBTOTAL	863	2,500	2,500	1,500	(1,000)	(40.00%)
OTHER CHARGES						
53103 Interest on LT Debt	110,855	114,876	114,876	108,670	(6,206)	(5.40%)
53104 Other Interest Expense	(4,781)	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	106,074	114,876	114,876	108,670	(6,206)	(5.40%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	70,000	0	30,000	30,000	N/A
SUBTOTAL	0	70,000	0	30,000	30,000	N/A
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	150,496	155,150	155,150	159,805	4,655	3.00%
59005 Admin Control Acct Clearing	(150,496)	(155,150)	(155,150)	(159,805)	(4,655)	3.00%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	106,937	187,376	117,376	140,170	22,794	19.42%
Adjustments to Reserves/Encumbrances:						
Principal payments on bonds	(150,496)	(155,150)		(159,805)		
Restricted cash with trustee (reserve)	(169)					
Debt Issuance Costs						
(Increase) / Decrease in Bonds Payable	0					
Amortization of bond discount	(10,307)	(10,307)		(10,307)		
Amortization of deferred amount of refunding	5,526	5,526		5,526		
Unrealized Gain/ Loss (GASB 31)	97					
Rounding	1					
ENDING FUND BALANCE	\$56,287	\$22,275		\$28,119		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds - 2012 A

Section/Fund No: 44275

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEG. FUND BALANCE	\$24,507	\$90,741		\$141,095		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	560	300	240	343	103	43.00%
44003 Other Interest Earnings	305	(400)	0	0	0	N/A
44050 Unrealized Gains and Losses	(194)	0	0	0	0	N/A
SUBTOTAL	672	(100)	240	343	103	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	432,683	437,753	380,655	434,680	54,025	14.19%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	432,683	437,753	380,655	434,680	54,025	14.19%
TOTAL REVENUES	433,355	437,653	380,895	435,024	54,129	14.21%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,120	2,500	2,500	2,000	(500)	(20.00%)
SUBTOTAL	1,120	2,500	2,500	2,000	(500)	(20.00%)
OTHER CHARGES						
53103 Interest on LT Debt	155,225	160,905	160,905	152,215	(8,690)	(5.40%)
53104 Other Interest Expense	(6,645)	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	148,580	160,905	160,905	152,215	(8,690)	(5.40%)
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	210,733	217,250	217,250	223,768	6,518	3.00%
59005 Admin Control Acct Clearing	(210,733)	(217,250)	(217,250)	(223,768)	(6,518)	3.00%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	149,700	163,405	163,405	154,215	(9,190)	(5.62%)
Adjustments to Reserves/Encumbrances:						
CBAs - Included in Est. Current Yr Expenses		0				
Principal payments on bonds	(210,733)	(217,250)		(223,768)		
Proceeds from issuance	0	0		0		
2003A Bond Redemption	0	0		0		
2003A Deferred amount of refunding	0	0		0		
Underwriters Discount	0	0		0		
Reclass of good faith on refunding to LT Bond	0	0		0		
Debt Issuance Costs	0	0		0		
(Increase) / Decrease in Bonds Payable	0	0		54,269		
Restricted cash with trustee (reserve)	(236)	0		0		
Amortization of bond discount	0	0		0		
Amortization of bond premium	(14,432)	(14,432)		(14,432)		
Amortization of bond issuance costs	0	0		0		
Amortization of deferred amount of refunding	7,787	7,787		7,787		
Unrealized Gain/ Loss (GASB 31)	194	0		0		
Rounding	(1)			0		
ENDING FUND BALANCE	\$90,741	\$141,095		\$245,759		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2012

Section/Fund No:

44285

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	\$104,237	\$144,936		\$174,831		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	1,020	360	360	515	155	43.00%
44003 Other Interest Earnings	179	0	0	0	0	N/A
44050 Unrealized Gains and Losses	(428)	(400)	0	0	0	N/A
SUBTOTAL	771	(40)	360	515	155	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	255,333	259,347	225,519	255,693	30,174	13.38%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	255,333	259,347	225,519	255,693	30,174	13.38%
TOTAL REVENUES	256,104	259,307	225,879	256,208	30,329	13.43%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	752	3,400	3,400	1,500	(1,900)	(55.88%)
SUBTOTAL	752	3,400	3,400	1,500	(1,900)	(55.88%)
OTHER CHARGES						
53103 Interest on LT Debt	91,170	94,519	94,519	89,414	(5,105)	(5.40%)
53104 Other Interest Expense	(3,892)	0	0	0	0	N/A
53105 Costs of Issuance	0	0	0	0	0	N/A
SUBTOTAL	87,278	94,519	94,519	89,414	(5,105)	(5.40%)
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	123,772	127,600	127,600	131,428	3,828	3.00%
59005 Admin Control Acct Clearing	(123,772)	(127,600)	(127,600)	(131,428)	(3,828)	3.00%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	88,030	97,919	97,919	90,914	(7,005)	(7.15%)
Adjustments to Reserves/Encumbrances:						
(Increase)/Decrease in Bonds Payable						
Principal Payments on Bonds	(123,772)	(127,600)		(131,428)		
Principal payments on bonds	0	0		0		
Proceeds from issuance	0	0		0		
(Increase) / Decrease in Bonds Payable	0	0		0		
Restricted cash with trustee (reserve)	(138)	0		0		
Amortization of bond discount	(8,477)	(8,477)		0		
Amortization of bond issuance costs	0	0		0		
Amortization of deferred amount of refunding	4,584	4,584		0		
Unrealized Gain/ Loss (GASB 31)	428	0		0		
Rounding	0	0		0		
ENDING FUND BALANCE	\$144,936	\$174,831		\$208,697		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bonds 2015

Section/Fund No:

44290

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	\$4,883	\$2,376,295		\$692,843		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	12,383	3,400	180	257	77	43.00%
44003 Other Interest Earnings	10	(200)	0	0	0	N/A
44050 Unrealized Gains and Losses	3,008	0	0	0	0	N/A
SUBTOTAL	15,401	3,200	180	257	77	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	1,167,599	972,688	816,693	967,467	150,774	18.46%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	1,167,599	972,688	816,693	967,467	150,774	18.46%
TOTAL REVENUES	1,183,000	975,888	816,873	967,725	150,852	18.47%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,302	3,583	1,750	2,500	750	42.86%
SUBTOTAL	1,302	3,583	1,750	2,500	750	42.86%
OTHER CHARGES						
53103 Interest on LT Debt	274,296	288,731	261,453	277,349	15,896	6.08%
53104 Other Interest Expense	(13,525)	0	0	0	0	N/A
53105 Costs of Issuance	199,130	0	0	0	0	N/A
SUBTOTAL	459,901	288,731	261,453	277,349	15,896	6.08%
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	420,302	1,800,000	950,000	120,000	(830,000)	(87.37%)
57012 Transfers Out - btw Govtl Fund	1,600,000	0	0	0	0	N/A
SUBTOTAL	2,020,302	1,800,000	950,000	120,000	(830,000)	(87.37%)
59004 Administrative Control Account	540,576	553,502	553,490	561,427	7,937	1.43%
59005 Admin Control Acct Clearing	(540,576)	(553,502)	(553,490)	(561,427)	(7,937)	1.43%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	2,481,505	2,092,314	1,213,203	399,849	(813,354)	(67.04%)
Adjustments to Reserves/Encumbrances:						
Technical Adjustments		0				
Proceeds from Bond Issuance		0				
Proceeds from Taxable Bond Issuance		0				
Deposit to Cost of Issuance Fund	3,950,000	0				
Loss on Refunding of Debt	(101,153)	5,058				
Restricted Cash w/Fiscal Agent	(296,744)					
Principal Payment	(540,576)	(553,502)		(561,427)		
Revenue Bonds Pay - Change in Current Bal	322,033	0		0		
Amortization of Bond Premium	339,364	(18,582)		(2,223)		
Unrealized Gain/ Loss (GASB 31)	(3,008)					
Rounding	1	(0)				
ENDING FUND BALANCE	\$2,376,295	\$692,843		\$697,069		

**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds 2015

Section/Fund No: 44295

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEG. FUND BALANCE	\$7,784	\$5,245,073		\$636,074		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	44,227	20,000	1,200	1,716	516	43.00%
44003 Other Interest Earnings	16	0	0	0	0	N/A
44050 Unrealized Gains and Losses	13,695	0	0	0	0	N/A
SUBTOTAL	57,938	20,000	1,200	1,716	516	43.00%
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	941,383	719,717	648,483	717,738	69,255	10.68%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	941,383	719,717	648,483	717,738	69,255	10.68%
TOTAL REVENUES	999,321	739,717	649,683	719,454	69,771	10.74%
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	1,195	4,200	9,150	2,500	(6,650)	(72.68%)
SUBTOTAL	1,195	4,200	9,150	2,500	(6,650)	(72.68%)
OTHER CHARGES						
53103 Interest on LT Debt	393,179	480,121	497,823	473,046	(24,777)	(4.98%)
53104 Other Interest Expense	(21,956)	0	0	0	0	N/A
53105 Costs of Issuance	289,797	0	0	0	0	N/A
SUBTOTAL	661,020	480,121	497,823	473,046	(24,777)	(4.98%)
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	3,855,046	4,700,000	3,780,000	250,000	(3,530,000)	(93.39%)
57012 Transfers Out - btw Govtl Fund	0	0	0	0	0	N/A
SUBTOTAL	3,855,046	4,700,000	3,780,000	250,000	(3,530,000)	(93.39%)
ADMIN. CONTROL ACCOUNT						
59004 Administrative Control Account	134,424	141,520	141,510	148,574	7,064	4.99%
59005 Admin Control Acct Clearing	(134,424)	(141,520)	(141,510)	(148,574)	(7,064)	4.99%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	4,517,261	5,184,321	4,286,973	725,546	(3,561,427)	(83.08%)
Adjustments to Reserves/Encumbrances:						
CBA's - Included in Est. Current Yr Expense	0	0		0		
Proceeds Bond Issuance	8,550,000	0		0		
Cost of Issuance	0	0		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Principal Payment	(134,424)	(141,520)		(148,574)		
Revenue Bonds Pay - Change in Current B:	465,634	0		0		
Amortization of Bond Premium	540,130	(27,390)		0		
Amortization of Cost of Issuance	0	0		0		

Change in Reserved Fund Balance	(562,116)		
Loss on Refunding Debt	(90,302)	4,515	4,516
Post Audit Adjustments - Closing COI	0	0	0
Unrealized Gain/ Loss (GASB 31)	(13,695)	0	0
Rounding	1	(0)	0

ENDING FUND BALANCE	\$5,245,073	\$636,074	\$485,924
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**FY 2017-18 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Revenue Bonds 2015

Section/Fund No:

44305

Account Title	Actual 2015-2016	Estimated 2016-2017	Adopted 2016-2017	Requested 2017-18	Difference	Percent Change
BEGINNING FUND BALANCE	\$0	\$1,146,592		\$1,166,314		
REVENUES						
USE OF MONEY / PROPERTY						
44002 Interest on Pooled Cash	12,359	15,000	15,000	8,580	(6,420)	(42.80%)
44003 Other Interest Earnings	0	0	0	0	0	N/A
44050 Unrealized Gains and Losses	1,606	0	0	0	0	N/A
SUBTOTAL	13,965	15,000	15,000	8,580	(6,420)	(42.80%)
OTHER FINANCING SOURCES						
47101 Transfers In - within a Fund	61,392	49,119	41,812	47,394	5,582	13.35%
47102 Transfers In - btw Govtl Funds	0	0	0	0	0	N/A
SUBTOTAL	61,392	49,119	41,812	47,394	5,582	13.35%
TOTAL REVENUES	75,357	64,119	56,812	55,974	(838)	(1.48%)
EXPENDITURES						
SERVICES AND SUPPLIES						
51242 Bank Charges	238	2,000	1,100	500	(600)	(54.55%)
SUBTOTAL	238	2,000	1,100	500	(600)	(54.55%)
OTHER CHARGES						
53103 Interest on LT Debt	27,367	40,712	40,712	40,712	0	0.00%
53104 Other Interest Expense	(1,685)	0	0	0	0	N/A
53105 Costs of Issuance	25,780	0	0	0	0	N/A
SUBTOTAL	51,462	40,712	40,712	40,712	0	0.00%
OTHER FINANCING USES						
57011 Transfers Out - within a Fund	0	0	300,000	0	(300,000)	(100.00%)
SUBTOTAL	0	0	300,000	0	(300,000)	(100.00%)
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	51,700	42,712	341,812	41,212	(300,600)	(87.94%)
Adjustments to Reserves/Encumbrances:						
Proceeds Bond Issuance	1,162,333	0		0		
Restricted Cash w/Fiscal Agent	0	0		0		
Principal Payment	0	0		0		
Deposit to Cost of Issuance Fund	0	0		0		
Amortization of Bond Premium	40,435	(1,685)		0		
Unrealized Gain/ Loss (GASB 31)	(1,606)	0		0		
Change in Reserved Fund Balance	(78,227)			0		
Rounding	0	0		0		
ENDING FUND BALANCE	\$1,146,592	\$1,166,314		\$1,181,076		

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY17-18

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	223,768			159,805	131,428
INTEREST	152,215			108,670	89,414
FISCAL AGENT FEES	2,000			1,500	1,500
DEBT ISSUANCE COSTS					
Total Individual Bond Payments	377,983	0		269,975	222,342
Bond Reserve	56,697	0		40,496	33,351
Total Individual Bond Debt Service	434,680	0		310,471	255,693
2015A Revenue Bond	44295			44290	44305
PRINCIPAL	148,574			561,427	0
INTEREST	473,046			277,349	40,712
FISCAL AGENT FEES	2,500			2,500	500
Total Individual Bond Payments	624,120			841,276	41,212
Bond Reserve (fully funded)	93,618			126,191	6,182
Total Individual Bond Debt Service	717,738			967,467	47,394
2006A Revenue Bond					
PRINCIPAL					
INTEREST					
FISCAL AGENT FEES					
Total Individual Bond Payments	0			0	0
Bond Reserve (fully funded)				0	0
Total Individual Bond Debt Service	0			0	0
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	
<u>1. 09/10 Financing Exp for Common Fac incl above until index established</u>	Mirabel Generators	TBD - RRIFR	TBD - Water Ed Bldg	TBD - Oakmont Pipeline	
PRINCIPAL	0				
INTEREST	0				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
Total Individual Bond Payments	0	0	0	0	0
Reserve	0	0	0	0	0

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY17-18

A. ANNUAL DEBT SERVICE REQUIREMENTS

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
Total Individual Financing Debt Service	0	0	0	0	0
	44265				
SRF LOAN	675439				
PRINCIPAL	772,015			N.A	N.A
INTEREST	268,218			N.A	N.A
Total Individual Loan Payments	1,040,233				
Reserve Requirement	156,035				
Total SRF Debt Service	1,196,268				
SRF LOAN RESERVE RESERVE				N.A	N.A
Total SRF Debt Service	1,196,268				
TOTAL DEBT SERVICE	\$2,348,686	\$0	\$0	\$1,277,939	\$303,087
LESS REV. FROM N. MARIN REV. BOND CHARGES	290,988				
REMAINING REVENUE REQUIREMENT	\$2,057,699	\$0	\$0	\$1,277,939	\$303,087

B. CALCULATIONS OF WATER RATES FOR FY17-18

	Common Facilities Debt Service Charge	Watershed Plan Restoration Debt Service Charge	Water Conservation Debt Service Charge	Storage Facilities Revenue Bonds Charge	Sonoma Pipeline Facilities Revenue Bonds Charge
REVENUE REQUIREMENT	\$2,057,698.70	\$0	\$0	\$1,277,939	\$303,087
APPLICABLE BASE WATER DELIVERIES IN A.F.	30,347.04	41,395.8	41,395.8	30,347.04	3,553.9
CHARGES PER ACRE-FEET	\$67.81	\$0.00	\$0.00	\$42.11	\$85.28

C. CALCULATIONS OF NORTH MARIN REVENUE BONDS CHARGE

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Remaining Facilities per RA 4.3a2)	2,348,686
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (11.2/90.4))	290,988
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	5,813
NORTH MARIN REVENUE BONDS CHARGE	50.05
REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Additional Facilities per RA 4.3b9)	-
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (19.9/146.2))	-
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	5,813
NORTH MARIN REVENUE BONDS CHARGE	0.01

<u>Common Facilities</u>			
Debt Service RA 4.3a2 (remaining facilities)	2,348,686	Total Revenue Required	\$2,348,686
N. Marin's Share (11.2/90.4)	290,988	Debt service - Additional Facilities	0
Estimated Water Deliveries to N. Marin	5,813.5		
Applicable portion of the N. Marin R. Bonds Charge	\$50.05	Revenue base for NMWD	\$2,348,686

2015A New Money P&I Begins 2020

Debt Service RA 4.3b9 (additional facilities)	0		
N. Marin's Share (19.9/146.2)	-		
Estimated Water Deliveries to N. Marin	5,813	<i>Update formula for the lesser of three years or 12 months average delivery.</i>	
Applicable portion of the N. Marin R. Bonds Charge	\$ -		
Total NMWD Share	290,988		
NMWD Total Bonds Charge	\$50.05		

FY 2017-18 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		386,429	5,499,885	5,499,885	0
Petaluma Aq. Capital Fund	44235	0		227,528	7,514,301	7,514,301	0
Sonoma Aq. Capital Fund	44240	0		113,609	136,294	136,294	0
Sonoma Rev Bond 2012 Fund	44285	0		255,693	208,697	208,697	0
Sonoma Rev Bond 2015 Fund	44305	0		47,394	1,181,076	1,181,076	0
Storage Rev Bond 2012 Fund	44280	30,000	Storage Facilities	310,471	28,119	28,119	0
Storage Rev Bond 2015 Fund	44290	120,000	Storage Facilities	967,467	697,069	697,069	(0)
Common Rev Bond 2012 Fund	44275	0	Common Facilities	434,680	245,759	245,759	0
Common Rev Bond 2015 Fund	44295	250,000	Common Facilities	717,738	485,924	485,924	0
State Loan Debt Service	44265	300,000	Common Facilities	1,196,268	24,806	24,806	0
State Loan Reserve	44270	0		0	(1)	(0)	0
Capital Lease Financing		0		0	0	0	0
Agency Fund (Discretionary)	44205	3,077,000	Common Facilities	0	3,539,407	3,539,407	0
Agency Fund (Charges)	44205	10,597,328		0			0
Pipeline Facilities	44255			0	0	0	0
Storage Facilities	44250			150,000	100,145	100,145	0
Common Facilities	44260			3,627,000	212,210	212,210	(0)
North Marin	44300			0	13,401	13,401	(0)
Water Management Planning	44210			130,000	385,413	385,413	(0)
Watershed Planning/Restoration	44215			3,581,000	4,138,117	4,138,117	0
Recycled Water & Local Supply	44220			415,000	375,261	375,261	(0)
Water Conservation	44225			1,814,050	213,745	213,745	(0)
Total		14,374,328		14,374,328	24,999,628	24,999,628	0

Common Facilities OT - in 47101 From

Water Transmission (discretionary)	3,077,000	
Water Transmission (Charges)	-	
North Marin	-	O&M Rate Computation
2012 Bond Fund	-	Revenue Requirement - Transfers Out:
2015 Bond Fund	250,000	10,597,328
	<u>3,327,000</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	386,429		
Petaluma Aq. Capital Fund	227,528		
Sonoma Aq. Capital Fund	113,609		
	<u>727,566</u>		
<u>Debt Service Funds</u>			
Sonoma Rev Bond 2012 Fund	255,693		
Sonoma Rev Bond 2015 Fund	47,394		
Storage Rev Bond 2012 Fund	310,471		
Storage Rev Bond 2015 Fund	967,467		
Common Rev Bond 2012 Fund	434,680		
Common Rev Bond 2015 Fund	717,738		
State Loan Debt Service	1,196,268		
State Loan Reserve	0		
Capital Lease Financing	0		
	<u>3,929,712</u>		
<u>Capital Funds and North Marin</u>			
Pipeline Facilities	0		
Storage Facilities	0		
Common Facilities	3,077,000		
North Marin	0		
	<u>3,077,000</u>		
<u>WT Subfunds</u>			
Water Management Planning	130,000		
Watershed Planning/Restoration	3,581,000		
Recycled Water & Local Supply	415,000		
Water Conservation	1,814,050		
	<u>5,940,050</u>		
Total	13,674,328		

See Next Page for Bond Proceeds Summary

2015A Water Revenue Bonds - Bond Proceeds Summary

	FY15-16 Actuals	FY16-17 Estimated	FY17-18 Budget	
Sonoma Rev Bond 2015:				
Bond Proceeds:	1,162,333			
Transfer Out To:	Sonoma AQ Capital Fund			Projects
	0	0	0	Sonoma Booster Station (SBS) Pumping/Elec Upgrades & Sonoma SBS Storage Building

Balance: 1,162,333

Storage Rev Bond 2015 Fund

Bond Proceeds:	3,950,000			
Transfer Out To:	Storage Facilities			Projects
	420,302	1,800,000	120,000	Ralphine Tanks Flow Through Project
	1,600,000			Repay SR AQ Intrafund Loan
	<u>2,020,302</u>	<u>1,800,000</u>	<u>120,000</u>	

Balance: 9,698

Common Rev Bond 2015 Fund

Bond Proceeds:	8,550,000			
Transfer Out To:	Common Facilities			Projects
	3,855,046	4,700,000	250,000	Mirabel Fish Screen, Mirabel Dam Bladder Replacement, Isolation Valves, MW and RR Creek Crossings

Balance: -255,046 *Per Master Ordinance, collect 1.15x debt service which generates revenue in excess of bond proceeds.*

5,875,348 6,500,000 370,000 *All project allocations are based on costs net of grant funds.*

Balance - all bond proceeds: 916,985