

**SONOMA COUNTY WATER AGENCY**  
**FY 19-20 BUDGET REQUEST**  
***WATER SUPPLY***  
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**FY 2019-20 BUDGET**  
**BUDGET SECTION SUMMARY**

**Section Title:**

<b>WATER SUPPLY</b>
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**A. Program Description**

This section includes the construction projects and debt service obligations related to the Agency's Water Supply. These funds are used to finance the operation and maintenance of Warm Springs Dam, to finance water supply and erosion control activities along the Russian River and to secure and defend the Agency's appropriative water rights. This section also includes program costs to put recycled water to beneficial use.

**B. Financial Summary**

Section	GROSS EXPENDITURES			NET COST / USE OF FUND BALANCE		
	FY 18-19 Adopted	FY 19-20 Requested	Percent Change	FY 18-19 Adopted	FY 19-20 Requested	Percent Change
Russian River Projects	\$ 3,555,346	\$ 4,027,068	13.27%	\$ 396,124	\$ 508,588	28.39%
Warm Springs Dam-Debt	6,660,573	6,403,749	(3.86%)	5,439,993	5,702,432	4.82%
Warm Springs Dam	10,737,665	6,260,085	(41.70%)	3,385,973	(1,986,230)	(158.66%)
Recycled Water	2,913,960	2,154,700	(26.06%)	213,015	49,700	(76.67%)
<b>TOTAL:</b>	<b>\$23,867,544</b>	<b>\$18,845,602</b>	<b>(21.04%)</b>	<b>\$9,435,105</b>	<b>\$4,274,490</b>	<b>(54.70%)</b>

**C. Staffing Summary**

No staffing is allocated to this index.

**D. Workload Summary**

Refer to the individual sections for information regarding work performed.

**E. Summary of Issues and Significant Changes**

Refer to the Departmental Budget Summary for a summary of issues and significant changes.

**FY 2019-20 BUDGET  
SUMMARY OF REVENUES AND EXPENDITURES**

**Fund: RUSSIAN RIVER PROJECTS**  
**Fund/Department ID: 44105-33030300**

Account No. and Title	Adopted 2018-19	Requested 2019-20	Difference	Percent Change
<b>REVENUES:</b>				
<b><u>INTERGOVERNMENTAL REVENUE</u></b>				
42461 Federal Other Funding	\$60,000	\$47,000	(\$13,000)	(21.67%)
42620 Marin Municipal Water District	2,093,687	1,968,178	(125,509)	(5.99%)
42621 North Marin Water District	617,975	732,852	114,877	18.59%
<b>Subtotal Intergovernmental Revenue</b>	<b>\$2,771,662</b>	<b>\$2,748,030</b>	<b>(\$23,632)</b>	<b>(0.85%)</b>
<b><u>USE OF MONEY</u></b>				
44002 Interest on Pooled Cash	\$7,560	\$10,450	\$2,890	38.23%
<b>Subtotal Use of Money</b>	<b>\$7,560</b>	<b>\$10,450</b>	<b>\$2,890</b>	<b>38.23%</b>
<b><u>OTHER FINANCING SOURCES</u></b>				
47102 Transfers In -Bet'w Gov't Funds	\$380,000	\$760,000	\$380,000	100.00%
<b>Subtotal Other Financing Sources</b>	<b>\$380,000</b>	<b>\$760,000</b>	<b>\$380,000</b>	<b>100.00%</b>
<b>TOTAL REVENUES</b>	<b>\$3,159,222</b>	<b>\$3,518,480</b>	<b>\$359,258</b>	<b>11.37%</b>
<b>EXPENDITURES:</b>				
<b><u>SERVICES AND SUPPLIES</u></b>				
51211 Legal Services	\$180,000	\$80,000	(\$100,000)	(55.56%)
51241 Outside Printing & Binding	3,000	1,500	(1,500)	(50.00%)
51244 Permits/License/Fees	40,000	70,000	30,000	75.00%
51401 Rents& Leases-Equipment	2,000	2,000	0	0.00%
51602 Business Travel/Mileage	8,000	10,000	2,000	25.00%
51605 Private Care Expense	1,700	500	(1,200)	(70.59%)
51803 Other Contract Services	1,613,206	2,074,568	461,362	28.60%
51902 Telecommunication Usage	3,200	3,000	(200)	(6.25%)
51917 District Operations Charges	1,386,000	1,520,500	134,500	9.70%
51921 Equipment Usage Charges	8,240	10,000	1,760	21.36%
52091 Memberships/Certifications	55,000	55,000	0	0.00%
52111 Office Supplies	3,000	500	(2,500)	(83.33%)
52141 Minor Equip/Small Tools	5,000	5,000	0	0.00%
52143 Software/Licensing Fees	6,000	3,500	(2,500)	(41.67%)
<b>Subtotal Services and Supplies</b>	<b>\$3,314,346</b>	<b>\$3,836,068</b>	<b>\$521,722</b>	<b>15.74%</b>
<b><u>OTHER CHARGES</u></b>				
53402 Depreciation Expense	\$150,000	\$160,000	\$10,000	6.67%
53401 Amortization Expense	31,000	31,000	0	0.00%
<b>Subtotal Other Charges</b>	<b>\$181,000</b>	<b>\$191,000</b>	<b>\$10,000</b>	<b>5.52%</b>
<b><u>FIXED ASSETS</u></b>				
19840 Work in Progress - Eq	\$60,000	\$0	(60,000)	(100.00%)
<b>Subtotal Fixed Assets</b>	<b>\$60,000</b>	<b>\$0</b>	<b>(\$60,000)</b>	<b>(100.00%)</b>
<b>TOTAL EXPENDITURES</b>	<b>\$3,555,346</b>	<b>\$4,027,068</b>	<b>\$471,722</b>	<b>13.27%</b>
<b>TOTAL NET COST</b> (Expenditures Minus Revenues)	<b>\$396,124</b>	<b>\$508,588</b>	<b>\$112,464</b>	<b>28.39%</b>

**FY 2019-20 BUDGET  
CHARACTER JUSTIFICATION**

Department - Division: Sonoma County Water Agency - Water Supply  
Section Title: Russian River Projects

Character Title: Intergovernmental Revenue Character No.: 44105-33030300-42

**42461 Federal Other Funding**

FY 19-20 anticipates grant funding from NOAA for Russian River Habitat Focus Area, FIRO Water Quality project.

**42620 Marin Municipal Water District**

This account records the Russian River Conservation Fee and the Russian River Projects charge received from Marin Municipal Water District based on actual deliveries of water.

FY19-20 Deliveries:

Projected Off Peak Water Deliveries	4,300	Acre Feet
Firm Water Supply	<u>10,000</u>	Acre Feet
	14,300	Acre Feet

FY19-20 Charges:

Russian River Projects Charge	\$8.34	Per Acre Foot
Russian River Conservation Charge	\$102.09	Per Acre Foot

Russian River Projects Charge	\$119,262
RR Conservation Charges	<u>\$1,459,887</u>
Projected Revenue:	<u>\$1,579,149</u>

Additional Revenue from Water Transmission for Russian River Projects Charge:

7.432% x (1.1 x highest of SR or PET AQ Rate per Amended Agreements for Water Supply effective 7/1/2015)

	5,135.3	Acre Feet
Santa Rosa AQ Rate x 1.11 x 7.432%	<u>\$75.76</u>	Per Acre Foot
Projected Revenue:	<u>\$389,029</u>	
Projected Revenue:	<u><u>\$1,968,178</u></u>	

**42621 North Marin Water District**

This account records the Russian River Conservation Fee and the Russian River Projects charge received from North Marin Water District based on actual deliveries of water.

Projected FY 19-20 Water Deliveries:	6,636.3	Acre Feet
Russian River Projects Charge	\$8.34	Per Acre Foot
Russian River Conservation Fee	\$102.09	Per Acre Foot
Projected Revenue	<u><u>\$732,852</u></u>	

Character Title: Use of Money and Property Character No.: 44105-33030300-44

**44002 Interest on Pooled Cash**

This account records interest on pooled cash held for the Agency by the County Treasurer's office. Estimated interest is projected based on cash on hand and current interest rate trends.

Estimated Average Cash Balance	\$550,000
Projected Interest Rate	<u>1.90%</u>
Projected/Planned Interest on Pooled Cash	\$10,450

Character Title: Other Financing Sources Character No.: 44105-33030300-47

**47102 Transfers In -Bet'w Gov't Funds**

This account will record a transfer of funds from the Agency's General Fund to finance staff and consultant costs associated with planned projects. There is a planned FY 19-20 transfer in the amount of \$760,000.

**FY 2019-20 BUDGET  
CHARACTER JUSTIFICATION**

**Department - Division:** Sonoma County Water Agency - Water Supply  
**Section Title:** Russian River Projects

**Character Title:** Services and Supplies **Character No.:** 44105-33030300-51/52

**51211 Legal Services**

This account reflects the estimated cost of legal services to be provided by County Counsel or outside legal services, as required.

**51241 Outside Printing & Binding**

This account reflects the estimated cost outside printing services.

**51244 Permits/License/Fees**

This account records the cost of various permits including State Permits and Fees.

**51401 Rents & Leases-Equipment**

This account covers the costs of equipment as needed.

**51602 Business Travel/Mileage**

This account reflects the estimated cost of travel expenses to meetings and seminars by Agency staff.

**51605 Private Car Expense**

This account reflects the estimated cost to reimburse employees for the use of their private vehicles.

**51917 District Operations Charge**

This account reflects the estimated cost for salaries, benefits and overhead costs for personnel.

	<u>Project No.</u>	<u>Amount</u>
California Statewide Groundwater Elevation Monitor	W0058P006	\$ 20,000
Community Affairs Public Outreach	<i>various</i>	8,500
Federal Legislative Advocacy	<i>various</i>	40,000
FIRO - Lake Mendocino Economic Analysis	W0045	55,000
FIRO - Refinement of EFO Model	W0045	120,000
FIRO - Release Rate of Change Study	W0045	20,000
Fisheries Enhancement Program	W0006B006	130,000
Goldridge RCD	W0078D034	5,000
Healdsburg Dam Fish Ladder O&M	W0000M004	60,000
Healdsburg Fish Ladder Maintenance Permits		40,000
North Coast RCP	W0018C018	30,000
Potter Valley Project	W0005C018	400,000
Quagga Mussel Prevention Program	W0037P006	10,000
RR Estuary Breaching Activities	W0030C018	75,000
RR Estuary Public Outreach Programs	W0025P006	20,000
RR Watershed Association		7,500
RR Watershed Coupled Surface Water/Groundwater Model		6,000
Russian River Regional Monitoring Program	W0088D023	15,000
Sonoma Resource Conservation District	W0008D034	5,000
State Legislative Advocacy	<i>various</i>	15,000
SWRCB B.O. Water Rights Meetings		25,000
SWRCB Petition (Permanent D1610 Change Petition)		10,000
SWRCB Petition (RRIFR Temp Urgency)		100,000
Upper Russian River WQ Monitoring		23,000
Water Education Program-Fisheries	W0004	17,500
Water Management & Stakeholders Collaboration		50,000
Water Rights Petitions	W0007D019	200,000
Winter Russian River Algae/WQ Monitoring		13,000
		<u>\$1,520,500</u>

**FY 2019-20 BUDGET  
CHARACTER JUSTIFICATION**

**Department - Division:** Sonoma County Water Agency - Water Supply  
**Section Title:** Russian River Projects

**Character Title:** Services and Supplies (cont'd) **Character No.:** 44105-33030300-51/52

**51902 Telecommunication Usage**

This item cover of cost of communication expense budgeting to adjust for actual usage.

**51803 Other Contract Services**

This item provides funds for the use of outside contract services as may be necessary to support the program.

	<u>Project No.</u>	<u>Amount</u>
As needed Professional Services Agreement		\$ 75,000
California Statewide Groundwater Elevation Monitor	W0058	25,000
Community Outreach Program	W011C018	10,000
Federal Legislative Outreach	<i>various</i>	20,000
FIRO - Folsom Lake Alternative/Development	W0045	300,000
FIRO - Forecast Operations Plugin	W0045	150,000
FIRO - HEC - Develop Synthetic Forecasts	W0045	125,000
Fishery Gallery Signage		30,000
Goldridge RCD-Watershed Work	W0078D034	35,000
North Coast RCP	W0018D021	175,000
Potter Valley Project	W0005C018	600,000
Quagga Mussel Prevention	W0037P006	60,000
Russian River Watershed Coupled Water Groundwater Model	W0089D030	50,000
Sonoma RCD	W0008B003	20,000
Upper Russian River WQ Monitoring		66,000
USGS - Stream Gauges Russian River Drainage System	W0044B011	319,568
Winter Russian River Algae/WQ Monitoring		14,000
		<u>\$ 2,074,568</u>

**51921 Equipment Usage Charge**

This account reflects the estimated cost for equipment usage charges from the Equipment Fund related to staff use of Agency vehicles.

**52091 Memberships/Certifications**

This account reflects the estimated cost for membership dues for the Russian River Watershed Association.

**52117 Mail and Postage Supplies**

This account covers the estimated cost of as needed mail and postage items.

**51241 Minor Equipment/Small Tools**

This account reflects the estimated cost for purchasing of small tools, instruments and equipment that are individually under \$5,000.

**52143 Software/Licensing Fees**

This account reflects the estimated cost for various productivity software packages.

**Character Title:** Other Charges **Character No.:** 44105-33030300-53

**53402 Depreciation Expense**

Generally Accepted Accounting Principles require that depreciation be expended each year.

**Character Title:** Fixed Assets **Character No.:** 44105-33030300-19

**19840 Work in Progress - Equipment**

This account captures costs for the purchase and installation of equipment. No planned items in FY 19-20.

**FY 2019-20 BUDGET**  
**STATEMENT OF SPECIAL FUND ACTIVITY**

**Department:** Sonoma County Water Agency - Water Supply  
**Fund:** Russian River Projects  
**Fund/Department ID:** 44105-33030300

DESCRIPTION OF FUND ACTIVITY	Actual FY 17-18	Estimated FY 18-19	Requested FY 19-20
<b>Undesignated/Unreserved <u>BEGINNING</u> Fund Balance Available for Budgeting</b> (See Detailed Components Below)	<b>\$675,479</b>	<b>\$1,053,466</b>	<b>\$1,089,099</b>
<b>Annual Revenues and Expenditures:</b>			
Revenues - Increase fund balance	3,928,783	4,479,441	3,518,480
Expenditures - (Decrease) fund balance	<u>(3,511,460)</u>	<u>(4,428,565)</u>	<u>(4,027,068)</u>
<b>Net Surplus or Deficit - Increase/(Decrease) to Fund Balance</b>	417,323	50,876	(508,588)
<b>Adjustments to Reserves/Encumbrances:</b>			
Post Audit Adjustment	125,000	-	-
Unearned Revenue	(196,243)	(196,243)	-
Unrealized Gains/Losses	(2,459)	-	-
Change in Encumbrances - Net Change	(143,892)	-	-
Depreciation/Amortization	<u>178,258</u>	<u>181,000</u>	<u>191,000</u>
<b>Net Adjustment - Increase/(Decrease) to Fund Balance</b>	<u>(39,336)</u>	<u>(15,243)</u>	<u>191,000</u>
<b>Undesignated/Unreserved <u>ENDING</u> Fund Balance Available for Budgeting</b>	<b>\$1,053,466</b>	<b>\$1,089,099</b>	<b>\$771,511</b>
<b>Target Fund Balance</b>	<b>\$818,235</b>	<b>\$1,046,891</b>	<b>\$959,017</b>
<i>Over/(Under) Target Fund Balance</i>	<i>\$235,230</i>	<i>\$42,207</i>	<i>(\$187,506)</i>
<b>Total Increase/(Decrease) in Fund Balance for Fiscal Year</b> <i>(Difference between Beginning and Ending Balance)</i>	<b>\$377,987</b>	<b>\$35,633</b>	<b>(\$317,588)</b>
<b><u>Fund Balance Components at Beginning of FY</u></b>			
	<b>7/1/17</b>	<b>7/1/18</b>	
Cash	\$1,258,189	\$533,633	
Unearned Revenue	(25,000)	-	
Other Receivables	-	125,000	
Due from Other Funds	-	599,524	
Accounts Receivable-AR Module	961,727	1,398,431	
Accounts Payable	(69,964)	(52,559)	
Prepaid Expense	1,663	5,203	
Due from Other Gov't	30,225	67,159	
Vouchers Payable	(86,682)	(84,354)	
Encumbrances	<u>(1,394,679)</u>	<u>(1,538,571)</u>	
<b>Total Beginning Fund Balance</b>	<b>\$675,479</b>	<b>\$1,053,466</b>	

**FY 2019-20 BUDGET**

**SUMMARY OF REVENUES AND EXPENDITURES**

**Fund: RECYCLED WATER FUND**  
**Fund/Department ID: 44110-33030400**

<b>Account No. and Title</b>	<b>Adopted 2018-19</b>	<b>Requested 2019-20</b>	<b>Difference</b>	<b>Percent Change</b>
<b>REVENUES:</b>				
<b><u>INTERGOVERNMENTAL REVENUE</u></b>				
42461 Federal-Other Funding	\$2,000,000	\$1,303,100	(\$696,900)	(34.85%)
<b>Subtotal Intergovernmental Revenue</b>	<b>\$2,000,000</b>	<b>\$1,303,100</b>	<b>(\$696,900)</b>	<b>(34.85%)</b>
<b><u>USE OF MONEY</u></b>				
44002 Interest on Pooled Cash	\$945	\$1,900	\$955	101.06%
<b>Subtotal Use of Money</b>	<b>\$945</b>	<b>\$1,900</b>	<b>\$955</b>	<b>101.06%</b>
<b><u>OTHER FINANCING SOURCES</u></b>				
47102 Transfers In -Bet'w Gov't Funds	\$700,000	\$800,000	\$100,000	14.29%
<b>Subtotal Other Financing Sources</b>	<b>\$700,000</b>	<b>\$800,000</b>	<b>\$100,000</b>	<b>14.29%</b>
<b>TOTAL REVENUES</b>	<b>\$2,700,945</b>	<b>\$2,105,000</b>	<b>(\$595,945)</b>	<b>(22.06%)</b>
<b>EXPENDITURES:</b>				
<b><u>SERVICES AND SUPPLIES</u></b>				
51211 Legal Services	\$10,000	\$5,000	(\$5,000)	(50.00%)
51241 Outside Printing & Binding	5,000	3,000	(2,000)	(40.00%)
51602 Business Travel/Mileage	4,000	4,000	0	0.00%
51605 Private Care Expense	400	200	(200)	(50.00%)
51803 Other Contract Services	280,000	528,000	248,000	88.57%
51917 District Operations Charges	212,500	157,500	(55,000)	(25.88%)
51921 Equipment Usage Charges	2,060	1,000	(1,060)	(51.46%)
52091 Memberships/Certifications	100,000	106,000	6,000	6.00%
<b>Subtotal Services and Supplies</b>	<b>\$613,960</b>	<b>\$804,700</b>	<b>\$190,740</b>	<b>31.07%</b>
<b><u>OTHER CHARGES</u></b>				
53402 Depreciation Expense	\$50,000	\$50,000	\$0	0.00%
53501 Contributions	2,250,000	1,300,000	(950,000)	(42.22%)
<b>Subtotal Other Charges</b>	<b>\$2,300,000</b>	<b>\$1,350,000</b>	<b>(\$950,000)</b>	<b>(41.30%)</b>
<b>TOTAL EXPENDITURES</b>	<b>\$2,913,960</b>	<b>\$2,154,700</b>	<b>(\$759,260)</b>	<b>(26.06%)</b>
<b>TOTAL NET COST</b> <i>(Expenditures Minus Revenues)</i>	<b>\$213,015</b>	<b>\$49,700</b>	<b>(\$163,315)</b>	<b>(76.67%)</b>



## CHARACTER JUSTIFICATION

Department - Division: Sonoma County Water Agency - Water Supply

Section Title: Recycled Water Fund

Character Title: Intergovernmental Revenue

Character No.: 44110-33030400-42

**42461 Federal-Other Funding**

USBR NBWRA Pass thru Funds \$1,303,100

Character Title: Use of Money and Property

Character No.: 44110-33030400-44

**44002 Interest on Pooled Cash**

This account records interest on pooled cash held for the Agency by the County Treasurer's office. Estimated interest is projected based on cash on hand and current interest rate trends.

Estimated Average Cash Balance	\$100,000
Projected Interest Rate	1.90%
Projected/Planned Interest on Pooled Cash	\$1,900

Character Title: Other Financing Sources

Character No.: 44110-33030400-47

**47102 Transfers In -Bet'w Gov't Funds**

This account will record a transfer of funds from the Agency's General Fund to finance staff and consultant costs associated with planned projects. Planned FY 19-20 transfer is \$800,000.

Character Title: Services and Supplies

Character No.: 44110-33030400-51/5

**51211 Legal Services**

This account reflects the estimated cost of legal services to be provided by County Counsel or outside legal services, as required.

**51241 Outside Printing & Binding**

This account reflects the estimated costs of outside printing services.

**51602 Business Travel/Mileage**

This account reflects the estimated cost of travel expenses to meetings and seminars by Agency staff.

**51605 Private Car Expense**

This account reflects the estimated cost to reimburse employees for the use of their private vehicles.

**51917 District Operations Charges**

This account reflects the estimated cost for charging salaries, benefits and overhead costs for personnel assigned to investigate the feasibility and/or desirability of establishing irrigation zones or other methods of putting recycled water to beneficial use.

Specific projects anticipated for FY 19-20 include:

<u>Project Description</u>	<u>Project No.</u>	<u>Amount</u>
Community Outreach Program	<i>various</i>	\$30,000
Legislative Advocacy-Federal	<i>various</i>	70,000
Legislative Advocacy-State	<i>various</i>	15,000
North Bay Water Reuse Authority	W0069C018	25,000
North Bay Watershed Association	W0063C018	5,000
Russian River Watershed Association	<i>various</i>	7,500
Water Education-Non WC Staffing	<i>various</i>	5,000
		\$157,500

## CHARACTER JUSTIFICATION

Department - Division: Sonoma County Water Agency - Water Supply

Section Title: Recycled Water Fund

Character Title: Services and Supplies (cont'd)

Character No.: 44110-33030400-51/5

### **51803 Other Contract Services**

This account reflects the expense for the use of outside contract services as may be necessary to support the program.

<u>Project Description</u>	<u>Project No.</u>	<u>Amount</u>
Community Outreach Program	<i>various</i>	\$5,000
Legislative Advocacy-Federal	<i>various</i>	60,000
Legislative Advocacy-State	<i>various</i>	90,000
North Bay Water Advocacy	<i>various</i>	50,000
North Bay Water Reuse Authority-Joint Use	W0070C018	50,000
North Bay Water Reuse Authority-Ph 2 Feasibility Study	W0082D034	40,000
North Bay Water Reuse Authority-Ph 2 Support	W0072C018	110,000
North Coast Resource Partnership	W0061D014	45,000
Stakeholder Outreach	<i>various</i>	45,000
Water Education-Assembly Program	<i>various</i>	15,000
West Coast Watershed	W0086D021	18,000
		\$528,000

### **51921 Equipment Usage Charge**

This account records equipment usage charges from the Equipment Fund related to staff use of Agency vehicles.

### **52091 Memberships/Certifications**

This account reflects the estimated cost to provided membership dues in the following associations:

	<u>Project No.</u>	<u>Amount</u>
North Bay Watershed Association	W0063A023	\$17,000
Russian River Watershed Association		47,000
Water Reuse Foundation	W0085P004	42,000
		\$106,000

Character Title: Other Charges

Character No.: 44110-33030400-53

### **53402 Depreciation Expense**

Generally Accepted Accounting Principles require that depreciation be expended each year.

### **53501 Contributions**

USBR NBWRA Pass thru Funds	\$1,300,000
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**FY 2019-20 BUDGET**  
**STATEMENT OF SPECIAL FUND ACTIVITY**

**Department:** Sonoma County Water Agency - Water Supply  
**Fund:** Recycled Water Fund  
**Fund/Department ID:** 44110-33030400

DESCRIPTION OF FUND ACTIVITY	Actual FY 17-18	Estimated FY 18-19	Requested FY 19-20
<b>Undesignated/Unreserved <u>BEGINNING</u> Fund Balance</b>			
<b>Available for Budgeting</b> (See Detailed Components Below)	<b>\$21,481</b>	<b>\$465,697</b>	<b>\$382,901</b>
<b>Annual Revenues and Expenditures:</b>			
Revenues - Increase fund balance	1,819,546	2,781,164	2,105,000
Expenditures - (Decrease) fund balance	(1,394,990)	(2,913,960)	(2,154,700)
<b>Net Surplus or Deficit - Increase/(Decrease) to Fund Balance</b>	<b>424,555</b>	<b>(132,796)</b>	<b>(49,700)</b>
<b>Adjustments to Reserves/Encumbrances:</b>			
Change in Encumbrances - Net Change	(28,487)	-	-
Unrealized Gains/Losses	3,806	-	-
Depreciation	44,343	50,000	50,000
<b>Net Adjustment - Increase/(Decrease) to Fund Balance</b>	<b>\$19,661</b>	<b>\$50,000</b>	<b>\$50,000</b>
<b>Undesignated/Unreserved <u>ENDING</u> Fund Balance</b>			
<b>Available for Budgeting</b>	<b>\$465,697</b>	<b>\$382,901</b>	<b>\$383,201</b>
<b>Total Increase/(Decrease) in Fund Balance for Fiscal Year</b> <i>(Difference between Beginning and Ending Balance)</i>	<b>\$444,216</b>	<b>(\$82,796)</b>	<b>\$300</b>
<b><u>Fund Balance Components at Beginning of FY</u></b>	<b>7/1/17</b>	<b>7/1/18</b>	
Cash	\$69,937	\$547,968	
Receivables	-	-	
Prepaid Expense	4,548	-	
Due to Other Govt's	(2,300,189)	(295,487)	
Due from Federal AR	2,302,451	296,440	
Accounts Payable	(2,352)	-	
Vouchers Payable	(13,069)	(14,892)	
Encumbrances	(39,845)	(68,332)	
<b>Total Beginning Fund Balance</b>	<b>\$21,481</b>	<b>\$465,697</b>	

**FY 2019-20 BUDGET**  
**SUMMARY OF REVENUES AND EXPENDITURES**

**Fund:** WARM SPRINGS DAM  
**Fund/Department ID:** 14135-33030100

Account No. and Title	Adopted 2018-19	Requested 2019-20	Difference	Percent Change
<b>REVENUES:</b>				
<b><u>TAXES</u></b>				
40002 Prop Taxes - CY Secured	\$6,742,878	\$7,571,339	\$828,461	12.29%
40005 RDA Increment	(575,393)	(755,147)	(179,754)	31.24%
40006 AB1290 RDA Pass Through	47,695	108,412	60,717	127.30%
40010 Residual Prop-Tax RPTTE	131,727	206,354	74,627	56.65%
40101 Prop Taxes - CY Unsecured	177,036	120,468	(56,568)	(31.95%)
40111 Prop Taxes - CY Supplemental	138,745	204,487	65,742	47.38%
<b>Subtotal Taxes</b>	<b>\$6,662,688</b>	<b>\$7,455,913</b>	<b>\$793,225</b>	<b>11.91%</b>
<b><u>INTERGOVERNMENTAL REVENUE</u></b>				
42291 State Homeowners Prop Tax Relf	\$40,004	\$39,402	(\$602)	(1.50%)
42461 Federal Other Funding	185,000	656,000	471,000	254.59%
<b>Subtotal Intergovernmental Revenues</b>	<b>\$225,004</b>	<b>\$695,402</b>	<b>\$470,398</b>	<b>209.06%</b>
<b><u>USE OF MONEY</u></b>				
44002 Interest on Pooled Cash	\$89,000	\$95,000	\$6,000	6.74%
<b>Subtotal Use of Money</b>	<b>\$89,000</b>	<b>\$95,000</b>	<b>\$6,000</b>	<b>6.74%</b>
<b><u>OTHER FINANCING USES</u></b>				
47102 Transfers in - btwn Gov'tl Funds	\$0	\$0	\$0	N/A
<b>Subtotal Other Financing Uses</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>N/A</b>
<b>TOTAL REVENUES</b>	<b>\$6,976,692</b>	<b>\$8,246,315</b>	<b>\$1,269,623</b>	<b>18.20%</b>
<b>EXPENDITURES:</b>				
<b><u>SERVICES AND SUPPLIES</u></b>				
51061 Maintenance - Equipment	\$6,394,899	\$1,386,185	(\$5,008,714)	(78.32%)
51211 Legal Services	20,000	20,000	0	0.00%
51241 Outside Printing & Binding	5,000	5,000	0	0.00%
51242 Bank Charges	52,508	70,212	17,704	33.72%
51244 Permits/License/Fees	8,000	8,000	0	0.00%
51401 Rents& Leases-Equip	30,000	30,000	0	0.00%
51602 Business Travel/Mileage	6,000	4,000	(2,000)	(33.33%)
51803 Other Contract Services	1,248,858	808,777	(440,081)	(35.24%)
51917 District Operations Chgs	1,554,000	2,519,000	965,000	62.10%
51921 Equipment Usage Charges	36,050	100,000	63,950	177.39%
52111 Office Supplies	4,000	2,000	(2,000)	(50.00%)
52117 Mail & Postage Supplies	800	800	0	0.00%
52141 Minor Equip/Small Tools	20,000	77,500	57,500	287.50%
<b>Subtotal Services and Supplies</b>	<b>\$9,380,115</b>	<b>\$5,031,474</b>	<b>(\$4,348,641)</b>	<b>(46.36%)</b>
<b><u>OTHER CHARGES</u></b>				
53501 Contributions	\$860,000	\$923,281	\$63,281	7.36%
<b>Subtotal Other Charges</b>	<b>\$860,000</b>	<b>\$923,281</b>	<b>\$63,281</b>	<b>7.36%</b>
<b><u>CAPITAL EXPENDITURES</u></b>				
54507 Work in Progress-Intangible	\$497,550	\$305,330	(\$192,220)	(38.63%)
<b>Subtotal Capital Expenditures</b>	<b>\$497,550</b>	<b>\$305,330</b>	<b>(\$192,220)</b>	<b>(38.63%)</b>
<b>TOTAL EXPENDITURES</b>	<b>\$10,737,665</b>	<b>\$6,260,085</b>	<b>(\$4,477,580)</b>	<b>(41.70%)</b>
<b>TOTAL NET COST</b> <i>(Expenditures Minus Revenues)</i>	<b>\$3,760,973</b>	<b>(\$1,986,230)</b>	<b>(\$5,747,203)</b>	<b>(152.81%)</b>

**FY 19-20**

**CHARACTER JUSTIFICATION**

**Department - Division:** Sonoma County Water Agency - Water Supply

**Section Title:** Warm Springs Dam - Special Revenue Fund

**Character Title:** Taxes

**Character No.:** 14135-33030100-40

**40002 Prop Taxes - CY Secured**

The amount requested for property tax revenue is based on prior year actuals and current year estimates from the Auditor-Controller's office.

**40005 RDA Increment**

This portion of the property tax is shifted to local redevelopment agencies.

**40006 AB1290 RDA Pass Through**

This amount is to report gross tax increment and pass throughs to cities and Rural Development Agencies.

**40010 Residual Prop-Tax RPTTE**

This revenue are residual amounts distributed from the Redevelopment Property Tax Trust Funds (RPTTF) back to taxing entities.

**40101 Prop Taxes - CY Unsecured**

The amount requested for property tax revenue is based on prior year actuals and current year estimates from the Auditor-Controller's office.

**40111 Prop Taxes - CY Supplemental**

The amount requested for property tax revenue is based on prior year actuals and current year estimates from the Auditor-Controller's office.

**Character Title:** Intergovernmental Revenue

**Character No.:** 14135-33030100-42

**42291 State Homeowners Prop Tax Relf**

Home Owner Property Tax Relief revenues are received from the State as reimbursement for property tax revenues lost due to the Home Owner's Exemption. The amount requested is based on prior year actuals and current year estimates from the Auditor-Controller's office.

**42461 Federal-Other Funding**

Anticipated Federal funding in FY 19-20 for Department of Fish and Wildlife, CA Coast Salmonid Population Monitoring in the Russian River (\$656,000).

**Character Title:** Use of Money and Property

**Character No.:** 14135-33030100-44

**44002 Interest on Pooled Cash**

This account records interest on pooled cash held for the Agency by the County Treasurer's office. Estimated interest is projected based on cash on estimated cash flows and current interest rate trends.

Estimated Average Cash Balance	\$5,000,000
Projected Interest Rate	1.90%
	<hr/>
Projected/Planned Interest on Pooled Cash	\$95,000

**Character Title:** Services and Supplies

**Character No.:** 14135-33030100-51/52

**51061 Maint of Equipment**

This account reflects the estimated costs for work on Dry Creek Mile 2 and 3. \$1,386,185

**51211 Legal Services**

This account reflects the estimated costs for county counsel and outside legal services as required.

**51241 Outside Printing & Binding**

This account reflects estimated costs of outside printing services.

**51242 Bank Charges**

This account reflects estimated costs for annual renewal fees.

**51244 Permits/License/Fees**

This account records the cost of various permits including State Permits and Fees.

**51401 Rents & Leases-Equipment**

This account covers the costs of equipment as needed.

**51602 Business Travel/Mileage**

This account reflects the estimated cost of travel expenses to meetings and seminars by Agency staff.

**51917 District Operations Chgs**

This account reflects the estimated cost for salaries, benefits and overhead costs for personnel assigned to maintain various projects.

<u>Project</u>	<u>Project #</u>	<u>Amount</u>
<u>Advocacy</u>		
Legislative Advocacy - Federal	<i>various</i>	\$20,000
Legislative Advocacy - State	D0025P004	15,000
<u>Decision 1610 Change Program</u>		
Russian River Final Flow Modeling	D0013C018	64,000
Water Quality Modeling	D0014C018	12,000
<u>Permanent D 1610 Change</u>		
Program Management	D0012C018	80,000
Draft EIR	D0010C018	40,000
Final EIR	D0038C018	40,000
RR Water Quality Model	<i>tbd</i>	33,000
RRIFR-Dry Creek Mile 1 Maintenance	D0018C022	50,000
RRIFR-Dry Creek Mile 2 Maintenance	D0022C004	100,000
RRIFR-Dry Creek Mile 3 Maintenance	D0023C004	100,000
RRIFR-Coho Hatchery Funding	D0024C018	110,000
RRIFR Coordination with US Army Corp	D0011C018	200,000
RRIFR-Dry Creek Adaptive Mgmt and Monitoring Plan Implementation	D0020C018	600,000
RRIFR-Dry Creek Tributary Rehab & Fish Passage	D0019B011	10,000
<u>Outreach and Education</u>		
Community Outreach Programs	D0003A005	15,000
Dry Creek Community Outreach	<i>tbd</i>	100,000
Water Education (Non-WC)	<i>various</i>	25,000
Coastal Monitoring Program (CMP)	D0053	775,000
FireSmart	<i>tbd</i>	5,000
NOAA HMT QPI Phase 3 Project	D0026	35,000
Potter Valley Check Dams - Maintenance	D0004M004	10,000
Russian River Stream Gauges - Maintenance	D0002M004	80,000
		\$2,519,000

**51803 Other Contract Services**

This item provides funds for the use of outside contract services as may be necessary to support the program.

<u>Project</u>	<u>Project #</u>	<u>Amount</u>
As-needed Field Operations Assistance	<i>various</i>	\$200,000
<u>Advocacy</u>		
Federal Legislative Advocacy	<i>various</i>	173,500
State Legislative	D0025P004	140,000
Community Outreach Programs	<i>various</i>	7,500
Quagga Mussel Prevention	D0051P006	60,000
<u>Decision 1610 Change Program</u>		
Russian River Final Flow Modeling	D0013C018	40,000
Water Quality Modeling	D0014D008	32,000
<u>Permanent D 1610 Change</u>		
Draft EIR	D0010C018	40,000
RRIFR Coordination with US Army Corp	D0011B004	25,000
Support RR Biological Opinion Implementation		25,000
USGS - Stream Gauges Russian River Drainage System	D0002M004	65,777
		\$808,777

**Character Title: Services and Supplies (cont'd)**

**Character No.: 14135-33030100-51/52**

**51921 Equipment Usage Charge**

This account reflects the estimated cost for equipment usage. Recent cost experience indicated that higher costs may incurred during the forthcoming year.

**52111 Office Supplies**

This account covers the estimated cost of operational supplies.

**52117 Mail and Postage Supplies**

This account covers the estimated cost of as needed mail and postage items.

**51241 Minor Equipment/Small Tools**

This account reflects the estimated cost for purchasing of small tools, instruments and equipment that are individually under \$5,000.

**Character Title: Other Charges**

**Character No.: 14135-33030100-53**

**53501 Contributions**

Operation and maintenance of Warm Springs Dam (Project No. D0030).

The FY 19-20 appropriations is an estimate of the billing from the US Army Corp of Engineers. \$923,281

**Character Title: Capital Expenditures**

**Character No.: 14135-33030100-54**

**54504 Work in Progress - Intangible**

This account records easement dedications, temporary permits and right-of-way work associated with Dry Creek Habitat Restoration Project.

\$305,330

**FY 2019-20 BUDGET**  
**STATEMENT OF SPECIAL FUND ACTIVITY**

**Department:** Sonoma County Water Agency - Water Supply  
**Fund:** Warm Springs Dam - Special Revenue Fund  
**Fund/Department ID:** 14135-33030100

DESCRIPTION OF FUND ACTIVITY	Actual FY 17-18	Estimated FY 18-19	Requested FY 19-20
<b>Undesignated/Unreserved <u>BEGINNING</u> Fund Balance Available for Budgeting</b> (See Detailed Components Below)	<b>\$8,668,730</b>	<b>\$8,719,050</b>	<b>\$1,975,773</b>
<b>Annual Revenues and Expenditures:</b>			
Revenues - Increase fund balance	8,702,543	7,071,569	8,246,315
Expenditures - (Decrease) fund balance	(11,686,670)	(13,814,846)	(6,260,085)
<b>Net Surplus or Deficit</b> - Increase/(Decrease) to fund balance	<u>(2,984,127)</u>	<u>(6,743,277)</u>	<u>1,986,230</u>
<b>Adjustments to Reserves/Encumbrances:</b>			
Change in Encumbrances	3,031,975	0	0
Unrealized Gains/Losses	<u>2,472</u>	<u>-</u>	<u>-</u>
<b>Net Adjustment</b> - Increase/(Decrease) to Fund Balance	<u>3,034,447</u>	<u>0</u>	<u>0</u>
<b>Undesignated/Unreserved <u>ENDING</u> Fund Balance Available for Budgeting</b>	<b>\$8,719,050</b>	<b>\$1,975,773</b>	<b>\$3,962,003</b>
<b>Target Fund Balance</b>	<b>\$4,947,737</b>	<b>\$6,228,648</b>	<b>\$2,515,737</b>
<i>Over/(Under) Target Fund Balance</i>	<i>\$3,771,313</i>	<i>(\$4,252,875)</i>	<i>\$1,446,266</i>
<b>Total Increase/(Decrease) in Fund Balance for Fiscal Year</b> <i>(Difference between Beginning and Ending Balance)</i>	<b>\$50,320</b>	<b>(\$6,743,277)</b>	<b>\$1,986,230</b>
<b><u>Fund Balance Components at Beginning of FY</u></b>	<b><u>7/1/17</u></b>	<b><u>7/1/18</u></b>	
Cash	\$14,386,285	\$14,386,285	
Accounts Payable	(1,106,206)	(1,106,206)	
Vouchers Payable	(185,342)	(185,342)	
Accounts Receivable	15,925	15,925	
Retention Payable	(171,082)	(171,082)	
Due from Federal AR	197,807	197,807	
Encumbrances	<u>(4,468,657)</u>	<u>(4,468,657)</u>	
<b>Total Beginning Fund Balance</b>	<b>\$8,668,730</b>	<b>\$8,668,730</b>	



**FY 2019-20 BUDGET**  
**SUMMARY OF REVENUES AND EXPENDITURES**

**Fund: WARM SPRINGS DAM DEBT SERVICE**  
**Fund/Department ID: 34105-33030200**

Account No. and Title	Adopted 2018-19	Requested 2019-20	Difference	Percent Change
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**REVENUES:**

**USE OF MONEY**

44002 Interest on Pooled Cash	\$230,580	\$209,000	(\$21,580)	(9.36%)
44003 Other Interest Earnings	990,000	492,317	(497,683)	(50.27%)
<b>Subtotal Use of Money</b>	<b>\$1,220,580</b>	<b>\$701,317</b>	<b>(\$519,263)</b>	<b>(42.54%)</b>

**OTHER FINANCING SOURCES**

47101 Transfers Int-within a Fund	\$0	\$0	\$0	N/A
<b>Subtotal Other Financing Sources</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>N/A</b>

<b>TOTAL REVENUES</b>	<b>\$1,220,580</b>	<b>\$701,317</b>	<b>(\$519,263)</b>	<b>(42.54%)</b>
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**EXPENDITURES:**

**OTHER CHARGES**

53101 Principal Payments - LT Debt	\$3,664,390	\$3,782,566	\$118,176	3.22%
53103 Interest on LT Debt	2,621,183	2,621,183	0	0.00%
<b>Subtotal Other Charges</b>	<b>\$6,285,573</b>	<b>\$6,403,749</b>	<b>\$118,176</b>	<b>1.88%</b>

**OTHER FINANCING USES**

57011 Transfers Out - within a Fund	\$0	\$0	\$0	N/A
57012 Transfers Out - btw Govtl Fund	0	0	0	N/A
<b>Subtotal Other Financing Uses</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>TOTAL EXPENDITURES</b>	<b>\$6,285,573</b>	<b>\$6,403,749</b>	<b>\$118,176</b>	<b>1.88%</b>
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<b>TOTAL NET COST</b> <i>(Expenditures Minus Revenues)</i>	<b>\$5,064,993</b>	<b>\$5,702,432</b>	<b>\$637,439</b>	<b>12.59%</b>
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**FY 2019-20 BUDGET**  
**CHARACTER JUSTIFICATION**

**Department - Division:** Sonoma County Water Agency - Water Supply

**Section Title:** Warm Springs Dam Debt Service

**Character Title:** Use of Money and Property

**Character No.:** 34105-33030200-44

**44002 Interest on Pooled Cash**

This account records interest on pooled cash held for the Agency by the County Treasurer's office. Estimated interest is projected based on cash on hand and current interest rate trends.

Estimated Average Cash Balance	11,000,000
Projected Interest Rate	1.90%
Projected/Planned Interest on Pooled Cash	\$209,000

**40003 Other Interest Earnings**

Figures are based on the debt service schedule.

**Character Title:** Other Financing Sources

**Character No.:** 34105-33030200-47

**47101 OT - W/in Special Dist - BOS**

This request is for the annual transfer from the Warm Springs Dam - Special Revenue Fund to provide for payment of annual debt service and the purchase of additional US Treasury strips. No transfer will be made in FY 19-20.

**Character Title:** Other Charges

**Character No.:** 34105-33030200-53

**53101 Principal Payments - LT Debt**

Project No.D0049A002

This item is to provide funds for the Agency's share of principal due for construction of Warm Springs Dam. These principal payments will continue to increase until the final payment is made in 2034.

**53103 Interest on LT Debt**

Project No.D0049A002

This item is to provide funds for the Agency's share of interest due for the construction of Warm Springs Dam. These interest payments are based on a repayment schedule specified at the time the bonds were sold.

## FY 2019-20 BUDGET

### STATEMENT OF SPECIAL FUND ACTIVITY

**Department:** Sonoma County Water Agency - Water Supply  
**Fund:** Warm Springs Dam Debt Service  
**Fund/Department ID:** 34105-33030200

DESCRIPTION OF FUND ACTIVITY	Actual FY 17-18	Estimated FY 18-19	Requested FY 19-20
<b>Undesignated/Unreserved <u>BEGINNING</u> Fund Balance Available for Budgeting</b> (See Detailed Components Below)	<b>\$11,490,357</b>	<b>\$17,917,972</b>	<b>\$12,352,979</b>
<b>Annual Revenues and Expenditures:</b>			
Revenues - Increase fund balance	384,881	1,220,580	701,317
Expenditures - (Decrease) fund balance	(6,285,571)	(6,285,573)	(6,403,749)
<b>Net Surplus or Deficit</b> - Increase/(Decrease) to fund balance	(5,900,690)	(5,064,993)	(5,702,432)
<b>Adjustments to Reserves/Encumbrances:</b>			
Unrealized Gains/Losses	54,988	-	-
Investments-non current	12,273,317	(500,000)	-
<b>Net Adjustment</b> - Increase/(Decrease) to Fund Balance	12,328,305	(500,000)	-
<b>Undesignated/Unreserved <u>ENDING</u> Fund Balance Available for Budgeting</b>	<b>\$17,917,972</b>	<b>\$12,352,979</b>	<b>\$6,650,547</b>
<b>Total Increase/(Decrease) in Fund Balance for Fiscal Year</b> <i>(Difference between Beginning and Ending Balance)</i>	<b>\$6,427,615</b>	<b>(\$5,564,993)</b>	<b>(\$5,702,432)</b>
<b><u>Fund Balance Components at Beginning of FY</u></b>	<b>7/1/17</b>	<b>7/1/18</b>	
Cash	\$11,490,357	\$17,917,972	
<b>Total Beginning Fund Balance</b>	<b>\$11,490,357</b>	<b>\$17,917,972</b>	