Santa Ana Watershed Project Authority

Brine Line Reserve Fund History
Reserve Account Balances

<table>
<thead>
<tr>
<th>Year</th>
<th>Budgeted</th>
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<tbody>
<tr>
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<tr>
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<tr>
<td>2020</td>
<td>$44</td>
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<tr>
<td>2021</td>
<td>$44</td>
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## Reserve Account Balances

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Debt Retirement</td>
<td>12,906,128</td>
<td>10,204,794</td>
<td>7,649,051</td>
<td>6,606,169</td>
<td>5,037,279</td>
<td>5,879,668</td>
<td>4,606,157</td>
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<tr>
<td>Pipeline Replacement</td>
<td>25,881,583</td>
<td>24,252,200</td>
<td>21,541,933</td>
<td>19,919,329</td>
<td>13,807,175</td>
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<tr>
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<td>5,400,890</td>
<td>6,419,245</td>
<td>6,949,290</td>
<td>7,506,389</td>
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<td>1,696,440</td>
<td>1,703,740</td>
<td>1,711,499</td>
<td>1,725,296</td>
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<td>Flow Imbalance</td>
<td>79,245</td>
<td>69,132</td>
<td>77,331</td>
<td>83,084</td>
<td>84,608</td>
<td>93,670</td>
<td>85,613</td>
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<td>Operating Reserve</td>
<td>(407,104)</td>
<td>2,000,562</td>
<td>2,342,219</td>
<td>3,790,275</td>
<td>4,545,484</td>
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<td><strong>Total</strong></td>
<td><strong>$51,475,175</strong></td>
<td><strong>$51,621,278</strong></td>
<td><strong>$49,309,298</strong></td>
<td><strong>$49,975,185</strong></td>
<td><strong>$44,403,606</strong></td>
<td><strong>$40,513,834</strong></td>
<td><strong>$49,743,354</strong></td>
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• Annual $100k contribution
• Earns interest quarterly
• Used for spill costs
• Used for insurance claims
• **T-Strips Maturities**
  - **Original Construction**
    - $13,135,000 Face Value
    - $17,000,000 Face Value
  - **WRCRWA**
    - $6,346,000 Face Value
    - $4,180,000 Face Value
  - **Reach V Original Construction**
    - $7,900,000 Face Value

• **Rates**
  - **Reach 4A & 4B Repairs**
  - **Reach V Capital Repairs**
• Reserve created to pay OCSD CIP costs
• Established in FYE 2011
• Transferred $1,750,000 from operating reserve
• Stopped annual contribution in FYE 2017 because of uncertainty of OCSD CIP
• Earns interest quarterly
• Established in FYE 2007
• Sold 2.5868 Pipeline Capacity for $9.63 million
  – WMWD
  – EMWD
• Loaned OCFCD $10 million in FYE 2012 for relocation project
• Loan paid off in FYE 2018
• Earns interest quarterly
• Established in FYE 2008 when EMWD & SBVMWD purchased treatment capacity for $4.6 million
• SAWPA purchased treatment capacity from OCSD for $4.5 million (1 MGD)
• FYE 2011 Enertech purchased BOD capacity $338,083
• FYE 2012 Enertech purchased treatment capacity $253,460
• FYE 2013 YVWD purchased treatment capacity
• Earns interest quarterly
Flow Imbalance Reserve

- Established in FYE 2009
- Added $10 per MGD to the flow rates to fund reserve through FYE 2011
- Used in the event of a meter error and discharger is over billed
- Funded when flow imbalance is positive (determined monthly)
- Earns interest quarterly
• Reserve balance should be 25% of operating costs
• If balance is > 25%, funds are transferred to Pipeline Replacement
• If balance is < 25%, contributions are made to this reserve
• Net gains (losses) come into and out of this reserve
• Earns interest quarterly
Pipeline Replacement Reserve

- FYE 2007
  - Contribution of $557,797
  - Use of $1,332,412 for CIP (BL Protection)
- FYE 2008
  - Contribution of $3,881,757
  - Use of $1,603,434 for CIP
- FYE 2009
  - Contribution of $2,618,067
  - Use of $471,841 for CIP
Pipeline Replacement Reserve

- **FYE 2010**
  - Contribution of $2,899,730
  - Use of $486,502 for CIP
- **FYE 2011**
  - Contribution of $3,746,886
  - Transfer of $1,532,606 from Operating Reserve
  - Use of $2,057,001 for CIP
- **FYE 2012**
  - Contribution of $1,138,367
  - Use of $1,610,157 for CIP
  - Use of $111,797 (Legal Fees Brownstein, Hyatt, Farber)
• FYE 2013
  – Contribution of $1,144,198
  – Use of $1,827,396 for CIP
  – Use of $224,267 (Legal Fees Brownstein, Hyatt, Farber)
  – Use of $1,050,000 (transferred to debt service per financing agreement)

• FYE 2014
  – Contribution of $950,000
  – Use of $1,023,725 for CIP
  – Use of $731,029 (Legal Fees Brownstein, Hyatt, Farber)
Pipeline Replacement Reserve

• FYE 2015
  – Contribution of $411,659
  – Refund of $8,765 (legal fees)

• FYE 2016
  – Contribution of $1,000,000
  – Use of $60,000 for purchase of Vacuum Excavator
  – Use of $259,849 for the BL Protection Project (Union Pacific)
  – Use of $29,419 for CIP (BL Protection Fund 320)
  – Use of $2,405,816 for CIP (Reach V Capital Repairs)
Pipeline Replacement Reserve

• FYE 2017
  – Contribution of $1,000,000
  – Use of $47,056.06 for CIP (BL Protection Fund 320)
  – Use of $7,216,105 for CIP (Reach V Capital Repairs)

• FYE 2018
  – Contribution of $1,500,000
  – Transfer of $1,843,450 from Operating Reserves
  – Transfer of $4,000,000 from OCSD Rehabilitation
  – Use of $264,336 for CIP (BL Protection Fund 320)
  – Use of $9,592,176 for CIP (Reach V Capital Repairs)
• FYE 2019 – January 31, 2019
  – Contribution of $875,000 ($1.5 million in FYE 2019)
  – Contribution of $1,075,000 Reach V Settlement
  – Contribution of $7,217,347 (received SRF loan funds)
  – Use of $137,620 for CIP (BL Protection)
  – Use of $216,549 for CIP (Reach IV-D Corrosion)
• Reach IV-A and IV-B Capital Repairs
  – Total Cost $20,637,025
  – SRF Loan 16,850,337
  – Use of Reserves $3,786,688

• Reach V Capital Repairs
  – Total Cost $30,667,590
  – Settlement Proceeds 1,075,000
  – SRF Loan 15,000,000
  – Use of Reserves $14,592,590

(Legal fees for Reach V were $2,534,488)
• Planned reduction of Pipeline Replacement Reserve by using reserve to fund CIP

• Study planned to determine maximum reserve amounts as recommended by Raftelis during rate model development
<table>
<thead>
<tr>
<th>Reserve Account</th>
<th>Balance</th>
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<tr>
<td>Self Insurance Reserve</td>
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<td>Debt Retirement Reserve</td>
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<td>OCSD Rehabilitation Reserve</td>
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<tr>
<td>Capacity Management Reserve</td>
<td>11,569,724</td>
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<tr>
<td>OCSD Future Capacity Reserve</td>
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<td>Flow Imbalance Reserve</td>
<td>85,613</td>
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<td><strong>Total Reserves</strong></td>
<td><strong>$49,743,354</strong></td>
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Questions ?
SAWPA

FYE 2020 and 2021
OWOW and Roundtables
Funds Draft Budget
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
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<tbody>
<tr>
<td>1</td>
<td>OWOW Fund Budget</td>
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<tr>
<td>2</td>
<td>Roundtables Fund Budget</td>
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<tr>
<td>3</td>
<td>Labor Distribution &amp; Indirect Cost Allocation</td>
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<td>4</td>
<td>Member Agency Contributions</td>
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OWOW Fund Budget
## OWOW Fund

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<th>Fund Title</th>
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<td>Basin Planning General</td>
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<td>370-02</td>
<td>USBR Partnership Studies</td>
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<td>373</td>
<td>Watershed Management - OWOW</td>
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<tr>
<td>135 – 145</td>
<td>Prop 84 Program Management (All Rounds)</td>
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<tr>
<td>150</td>
<td>Prop 1 Program Management</td>
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<td>398</td>
<td>Proposition 1 - DACI</td>
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<tr>
<td>504</td>
<td>Prop 84 Round II Capital Projects (Passthrough)</td>
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<td>Prop 84 Drought Capital Projects</td>
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<td>504-04</td>
<td>Prop 84 SARCCUP</td>
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<tr>
<td>505</td>
<td>Prop 1 Capital Projects</td>
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OWOW Funds - Revenues

- Basin Planning General
- USBR Partnership Studies
- Watershed Mgmt - OWOW
- Prop 1 - DACI
- Prop 84 Program Mgmt
- Prop 1 Program Mgmt
- Prop 84 Drought Projects
- Prop 84 SARCCUP
- Prop 1 Capital Projects

Years: 2019, 2020, 2021

Y-Axis: Millions
FYE 2020

Revenues $6.1 Million

- **Prop 1 - DACI,** $3,264,263, 53%
- **Prop 84 SARCCUP,** $959,134, 16%
- **Prop 1 Capital Projects,** $321,334, 5%
- **Prop 84 Drought Projects,** $31,595, 1%
- **Basin Planning General,** $460,000, 8%
- **USBR Partnership Studies,** $70,000, 1%
- **Watershed Mgmt - OWOW,** $450,000, 7%
- **Prop 84 Program Mgmt,** $560,440, 9%

**Total Revenues:** $6,100,000
FYE 2020

Revenues $6.1 Million

- Grant Proceeds, $4,622,111, 75%
- Participant Fees, $664,657, 11%
- Member Agency Contributions, $830,000, 14%
Revenues $5.1 Million

- **Prop 1 - DACI**, $2,054,180, 40%
- **Prop 84 Program Mgmt**, $480,763, 9%
- **Watershed Mgmt - OWOW**, $450,000, 9%
- **USBR Partnership Studies**, $70,000, 1%
- **Prop 4 SARCCUP**, $979,142, 19%
- **Prop 1 Capital Projects**, $642,668, 13%
- **Basin Planning General**, $460,000, 9%
- **Prop 1 - DACI**, $2,054,180, 40%
FYE 2021

Revenues $5.1 Million

- Grant Proceeds, $3,522,127, 69%
- Member Agency Contributions, $830,000, 16%
- Participant Fees, $784,626, 15%
## Member Agency Contributions

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<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
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<td>Watershed Management - OWOW</td>
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<td><strong>Total</strong></td>
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### Grant Proceeds

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<td>Prop 84 Program Management (all rounds)</td>
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<td>480,763</td>
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<td>Proposition 1 – DACI</td>
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<td>Prop 84 Drought Capital Projects</td>
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<td>Prop 84 SARCCUP</td>
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<td>321,334</td>
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<td><strong>Total</strong></td>
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<td><strong>$3,522,127</strong></td>
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<td>321,334</td>
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<td><strong>Total</strong></td>
<td><strong>$664,657</strong></td>
<td><strong>$784,626</strong></td>
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<tr>
<td>Fund</td>
<td>FYE 2020</td>
<td>FYE 2021</td>
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<tr>
<td>Prop 84 Projects – Round II</td>
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<td>Prop 84 Project – Drought Round</td>
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<td>Prop 84 – Final Round (SARCCUP)</td>
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<td>14,406,381</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$19,877,081</strong></td>
<td><strong>$15,380,781</strong></td>
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</tbody>
</table>
FYE 2020

Expenses $6.1 Million

- **Prop 84 SARCCUP**, $959,134, 16%
- **Prop 84 Drought Projects**, $31,595, 0%
- **Prop 1 - DACI**, $3,264,263, 54%
- **Basin Planning General**, $459,373, 8%
- **USBR Partnership Studies**, $70,097, 1%
- **Watershed Mgmt - OWOW**, $449,583, 7%
- **Prop 1 - Capital Projects**, $290,134, 5%
- **Prop 84 Program Mgmt**, $560,440, 9%

Expenses $6.1 Million
FYE 2020

Expenses $6.1 Million

- Consulting, $3,157,114, 52%
- Indirect Costs, $1,113,331, 18%
- Labor & Benefits, $1,077,321, 18%
- Program Expense, $697,903, 12%
- Other Admin, $14,350, 0%
- Meeting & Travel, $24,100, 0%
- Equip & Computers, $500, 0%

Total Expenses: $6,100,000
FYE 2021

**Expenses $5.1 Million**

- **Prop 1 - DACI**, $2,054,180, 41%
- **Prop 84 SARCCUP**, $979,142, 19%
- **Basin Planning General**, $460,814, 9%
- **USBR Partnership Studies**, $69,455, 1%
- **Watershed Mgmt - OWOW**, $449,871, 9%
- **Prop 84 Program Mgmt**, $480,763, 10%
- **Prop 1 - Capital Projects**, $580,266, 11%
FYE 2021

Expenses $5.1 Million

- **Consulting**, $1,740,505, 34%
- **Indirect Costs**, $1,174,431, 23%
- **Labor & Benefits**, $1,131,620, 22%
- **Program Expense**, $988,035, 20%
- **Meeting & Travel**, $24,100, 1%
- **Equip & Computers**, $500, 0%
- **Other Admin**, $15,300, 0%
## Fund Balance FYE 2020

<table>
<thead>
<tr>
<th>Fund</th>
<th>Projected Fund Balance 06/30/19</th>
<th>Revenues</th>
<th>Expenses</th>
<th>Fund Balance 06/30/20</th>
</tr>
</thead>
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<td>Basin Planning General</td>
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<tr>
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<tr>
<td>Prop 1 Capital Projects</td>
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<td><strong>Total</strong></td>
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<td><strong>$6,116,768</strong></td>
<td><strong>$6,084,619</strong></td>
<td><strong>$290,479</strong></td>
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## Fund Balance FYE 2021

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<tr>
<th>Fund</th>
<th>Projected Fund Balance 06/30/20</th>
<th>Revenues</th>
<th>Expenses</th>
<th>Fund Balance 06/30/21</th>
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<tbody>
<tr>
<td>Basin Planning General</td>
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<td>Watershed Management - OWOW</td>
<td>143,509</td>
<td>450,000</td>
<td>449,871</td>
<td>143,638</td>
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<td>Prop 84 Program Management (all)</td>
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<td>Proposition 1 – DACI</td>
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<td>Prop 84 Drought Capital Projects</td>
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<tr>
<td>Prop 84 SARCCUP</td>
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<td><strong>Total</strong></td>
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<td><strong>$5,136,753</strong></td>
<td><strong>$5,074,491</strong></td>
<td><strong>$352,741</strong></td>
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Labor Hours Distribution
FYE 2020

General Fund 40.6%
BL Operations 34.8%
OWOW 19.2%
BL Capital 1.6%
Roundtables 3.7%
Labor Hours Distribution
FYE 2021

- General Fund: 41.2%
- BL Operations: 34.9%
- OWOW: 18.5%
- BL Capital: 1.6%
- Roundtables: 3.8%
<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
</tr>
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<tbody>
<tr>
<td>Basin Planning General</td>
<td>1,715</td>
<td>1,545</td>
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<td>USBR Partnership Studies</td>
<td>90</td>
<td>81</td>
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<td>Watershed Management - OWOW</td>
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<td>1,790</td>
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<td>Prop 84 Program Management (All Rounds)</td>
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<td>Proposition 1 – DACI</td>
<td>3,650</td>
<td>4,140</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>210</td>
<td>0</td>
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<tr>
<td>Prop 84 SARCCUP</td>
<td>1,685</td>
<td>1,810</td>
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<tr>
<td>Prop 1 Capital Projects</td>
<td>0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>12,120</strong></td>
<td><strong>11,675</strong></td>
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<tr>
<td>Full-time Equivalent (FTE = 2,080 hrs)</td>
<td>5.8</td>
<td>5.6</td>
</tr>
</tbody>
</table>
## Indirect Cost Allocation - OWOW

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Planning General</td>
<td>$170,951</td>
<td>$172,043</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>10,112</td>
<td>9,806</td>
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<tr>
<td>Watershed Management - OWOW</td>
<td>189,353</td>
<td>189,897</td>
</tr>
<tr>
<td>Prop 84 Program Management (All Rounds)</td>
<td>284,826</td>
<td>244,844</td>
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<tr>
<td>Proposition 1 – DACI</td>
<td>292,486</td>
<td>376,604</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>16,057</td>
<td>0</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>149,544</td>
<td>181,237</td>
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<tr>
<td>Prop 1 Capital Projects</td>
<td>0</td>
<td>0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$1,113,331</strong></td>
<td><strong>$1,174,431</strong></td>
</tr>
<tr>
<td><strong>% of Total Indirect Costs</strong></td>
<td>33.85%</td>
<td>33.02%</td>
</tr>
</tbody>
</table>
Roundtables Funds Budget

SAWPA ROUNDTABLES
## Roundtables Funds

<table>
<thead>
<tr>
<th>Fund Number</th>
<th>Fund Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>374</td>
<td>Basin Monitoring Program Task Force</td>
</tr>
<tr>
<td>381</td>
<td>Santa Ana River Fish Conservation</td>
</tr>
<tr>
<td>384-01</td>
<td>Middle SAR TMDL Task Force</td>
</tr>
<tr>
<td>386</td>
<td>Regional Water Quality Monitoring Task Force</td>
</tr>
<tr>
<td>387</td>
<td>Arundo Management &amp; Habitat Restoration</td>
</tr>
<tr>
<td>392</td>
<td>Emerging Constituents Task Force</td>
</tr>
<tr>
<td>477</td>
<td>LESJWA Administration</td>
</tr>
</tbody>
</table>
FYE 2020

Revenues $1.5 Million

- SAR Fish Conservation, $29,000, 2%
- Middle SAR TMDL, $390,344, 26%
- RWQ Monitoring, $432,864, 29%
- Basin Monitoring, $338,778, 23%
- LESJWA Admin, $215,186, 14%
- Emerging Constituents, $83,711, 6%
- Arundo Mgmt, $-, 0%
FYE 2020

Revenues $1.5 Million

- Participant Fees, $1,132,353, 76%
- Member Agency Contributions, $20,000, 1%
- Other Income, $337,530, 23%
FYE 2021

Revenues $1.5 Million

- **Basin Monitoring, $338,778, 22%**
- **RWQ Monitoring, $418,000, 27%**
- **MSAR TMDL, $416,000, 27%**
- **LESJWA Admin, $216,881, 14%**
- **Emerging Constituents, $118,711, 8%**
- **Arundo Mgmt, $-, 0%**
- **SAR Fish Conservation, $29,000, 2%**
FYE 2021

Revenues $1.5 Million

- Participant Fees, $1,177,489, 77%
- Other Income, $339,881, 22%
- Member Agency Contributions, $20,000, 1%
## Participant Fees

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Monitoring Program TF</td>
<td>$338,778</td>
<td>$338,778</td>
</tr>
<tr>
<td>SAR Fish Conservation</td>
<td>19,000</td>
<td>19,000</td>
</tr>
<tr>
<td>Middle SAR TMDL TF</td>
<td>390,344</td>
<td>416,000</td>
</tr>
<tr>
<td>RWQ Monitoring TF</td>
<td>300,520</td>
<td>285,000</td>
</tr>
<tr>
<td>Emerging Constituents TF</td>
<td>83,711</td>
<td>118,711</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,132,353</strong></td>
<td><strong>$1,177,489</strong></td>
</tr>
</tbody>
</table>
### Member Agency Contributions

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR Fish Conservation TF</td>
<td>$10,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>10,000</td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$20,000</strong></td>
<td><strong>$20,000</strong></td>
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</tbody>
</table>
Other Income

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWQ Monitoring TF</td>
<td>$132,344</td>
<td>$133,000</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>205,186</td>
<td>206,881</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$337,530</strong></td>
<td><strong>$339,881</strong></td>
</tr>
</tbody>
</table>
FYE 2020

Expenses $1.6 Million

- RWQ Monitoring, $437,963, 27%
- MSAR TMDL, $391,041, 25%
- Basin Monitoring, $338,708, 21%
- LESJWA Admin, $215,186, 14%
- SAR Fish Conservation, $60,155, 4%
- Arundo Mgmt, $52,760, 3%
- Emerging Constituents, $101,190, 6%
FYE 2021

Expenses $1.8 Million

- Basin Monitoring, $339,272, 18%
- MSAR TMDL, $417,267, 22%
- RWQ Monitoring, $426,489, 23%
- SAR Fish Conservation, $80,137, 4%
- LESJWA Admin, $216,881, 12%
- Arundo Mgmt, $277,527, 15%
- Emerging Constituents, $115,403, 6%

Expenses $1.8 Million
FYE 2021

Expenses $1.8 Million

- Consulting, $1,052,030, 56%
- Indirect Costs, $264,952, 14%
- Labor & Benefits, $255,294, 14%
- Program Expense, $150,000, 8%
- Other Expense, $133,000, 7%
- Other Admin, $11,150, 1%
- Meeting & Travel, $1,550, 0%
- Equip & Computers, $5,000, 0%
Basin Monitoring Program Task Force

Participants:
- City of Banning
- City of Beaumont
- City of Corona
- City of Redlands
- City of Rialto
- City of Riverside
- Beaumont Cherry Valley WD
- Elsinore Valley WD
- Jurupa Community Services District
- Irvine Ranch Water District
- San Gorgonio Pass Water Agency
- Temescal Valley Water District
- Yucaipa Valley Water District
- WRCRWA
- Chino Basin Watermaster
- RIX JPA
- EMWD
- IEUA
- OCWD
- SBVMWD
- WMWD

FTE = 0.20
Santa Ana River Fish Conservation

Participants:
- City of Riverside
- OCWD

FTE = 0.10
Participants:
- City of Claremont
- City of Corona
- City of Eastvale
- City of Jurupa Valley
- City of Norco
- City of Pomona
- City of Riverside
- San Bernardino County
- Riverside County
- Riverside County Flood Control
- Agriculture

FTE = 0.10
Regional Water Quality Monitoring TF

Participants:
- San Bernardino County
- Riverside County Flood Control
- Orange County Flood Control

FTE = 0.10
Arundo Mgmt & Habitat Restoration

Participants:
- SAWA
- Riverside County Regional Park & Open Space District

FTE = 0.10
Emerging Constituents Task Force

Participants:
- City of Corona
- City of Redlands
- City of Rialto
- City of Riverside
- Elsinore Valley MWD
- Irvine Ranch Water District
- Jurupa Community Services District
- Lee Lake Water District
- Yucaipa Valley Water District
- RIX JPA
- WRCWRA
- EMWD
- IEUA

FTE = 0.2
Participants:
- City of Canyon Lake
- City of Lake Elsinore
- EVMWD
- County of Riverside
- SAWPA

FTE = 0.50
## Fund Balance FYE 2020

<table>
<thead>
<tr>
<th>Fund</th>
<th>Projected Fund Balance 06/30/19</th>
<th>Revenues</th>
<th>Expenses</th>
<th>Fund Balance 06/30/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>100,423</td>
<td>29,000</td>
<td>60,155</td>
<td>69,268</td>
</tr>
<tr>
<td>MSAR TMDL Task Force</td>
<td>133,699</td>
<td>390,344</td>
<td>391,041</td>
<td>133,002</td>
</tr>
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<td>Regional Water Quality Monitoring TF</td>
<td>161,321</td>
<td>432,864</td>
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<td>156,222</td>
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<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
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<td>879,992</td>
</tr>
<tr>
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<td>83,711</td>
<td>101,190</td>
<td>36,430</td>
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<tr>
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<td>215,186</td>
<td>215,186</td>
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<td><strong>Total</strong></td>
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<td><strong>$1,489,883</strong></td>
<td><strong>$1,597,004</strong></td>
<td><strong>$1,590,640</strong></td>
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<tr>
<td>Fund</td>
<td>Projected Fund Balance 06/30/20</td>
<td>Revenues</td>
<td>Expenses</td>
<td>Fund Balance 06/30/21</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>---------------------------------</td>
<td>------------</td>
<td>------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>69,268</td>
<td>29,000</td>
<td>80,137</td>
<td>18,131</td>
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<tr>
<td>MSAR TMDL Task Force</td>
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<td>Regional Water Quality Monitoring TF</td>
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<td>426,489</td>
<td>147,733</td>
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<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
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<td>277,527</td>
<td>602,465</td>
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<tr>
<td>Emerging Constituents Task Force</td>
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<td>115,403</td>
<td>39,738</td>
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<td>LESJWA Administration</td>
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<td>216,881</td>
<td>0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$1,590,640</strong></td>
<td><strong>$1,537,370</strong></td>
<td><strong>$1,872,976</strong></td>
<td><strong>$1,255,035</strong></td>
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</tbody>
</table>
Labor Hours Distribution
FYE 2020

- General Fund: 40.6%
- BL Operations: 34.8%
- BL Capital: 1.6%
- OWOW: 19.2%
- Roundtables: 3.7%
Labor Hours Distribution
FYE 2021

General Fund: 41.2%
BL Operations: 34.9%
BL Capital: 1.6%
OWOW: 18.5%
Roundtables: 3.8%
## Labor Hours Distribution

### Roundtables

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2020</th>
<th>FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Monitoring Program Task Force</td>
<td>443</td>
<td>410</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>220</td>
<td>210</td>
</tr>
<tr>
<td>MSAR TMDL Task Force</td>
<td>175</td>
<td>160</td>
</tr>
<tr>
<td>Regional Water Quality Monitoring Task Force</td>
<td>155</td>
<td>155</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>175</td>
<td>220</td>
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<tr>
<td>Emerging Constituents Task Force</td>
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<td>350</td>
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<td>LESJWA Administration</td>
<td>945</td>
<td>890</td>
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<td><strong>Total</strong></td>
<td><strong>2,358</strong></td>
<td><strong>2,395</strong></td>
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<tr>
<td><strong>Full-time Equivalent (FTE = 2,080 hrs)</strong></td>
<td><strong>1.1</strong></td>
<td><strong>1.2</strong></td>
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## Indirect Cost Allocation Roundtables

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<thead>
<tr>
<th>Fund</th>
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<th>FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Monitoring Program Task Force</td>
<td>$45,703</td>
<td>$46,086</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>17,358</td>
<td>19,932</td>
</tr>
<tr>
<td>MSAR TMDL Task Force</td>
<td>17,125</td>
<td>17,452</td>
</tr>
<tr>
<td>Regional Water Quality Monitoring Task Force</td>
<td>17,838</td>
<td>19,602</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>18,021</td>
<td>26,089</td>
</tr>
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<td>Emerging Constituents Task Force</td>
<td>23,475</td>
<td>30,762</td>
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<td>LESJWA Administration</td>
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<td>105,030</td>
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<td><strong>Total</strong></td>
<td><strong>$243,470</strong></td>
<td><strong>$264,952</strong></td>
</tr>
<tr>
<td>% of Total Indirect Costs</td>
<td>7.40%</td>
<td>7.45%</td>
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</tbody>
</table>
## Member Contributions

<table>
<thead>
<tr>
<th>FYE</th>
<th>Per Member Agency</th>
<th>Inc/(Dcr) Over Prior Year</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>$339,090</td>
<td>$8,723</td>
<td>2.64%</td>
</tr>
<tr>
<td>2016</td>
<td>$269,559</td>
<td>($69,531)</td>
<td>(20.51%)</td>
</tr>
<tr>
<td>2017</td>
<td>$287,861</td>
<td>$18,302</td>
<td>6.79%</td>
</tr>
<tr>
<td>2018</td>
<td>$288,423</td>
<td>($562)</td>
<td>(0.195%)</td>
</tr>
<tr>
<td>2019</td>
<td>$294,339</td>
<td>$5,916</td>
<td>2.05%</td>
</tr>
<tr>
<td>2020</td>
<td>$305,393</td>
<td>$11,054</td>
<td>3.76%</td>
</tr>
<tr>
<td>2021</td>
<td>$306,068</td>
<td>$675</td>
<td>0.22%</td>
</tr>
</tbody>
</table>
## Member Contributions per Agency

<table>
<thead>
<tr>
<th>Activity</th>
<th>Actual FYE 2019</th>
<th>Budget FYE 2020</th>
<th>Budget FYE 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Planning</td>
<td>$71,200</td>
<td>$72,000</td>
<td>$72,000</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>$4,000</td>
<td>$4,000</td>
<td>$4,000</td>
</tr>
<tr>
<td>Watershed Management (OWOW)</td>
<td>$85,000</td>
<td>$90,000</td>
<td>$90,000</td>
</tr>
<tr>
<td>SA River Fish Conservation</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>LESJWA Management</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>State/Federal Lobbying</td>
<td>$40,139</td>
<td>$45,393</td>
<td>$46,068</td>
</tr>
<tr>
<td>General Fund</td>
<td>$90,000</td>
<td>$90,000</td>
<td>$90,000</td>
</tr>
<tr>
<td><strong>Total Agency Contribution</strong></td>
<td><strong>$294,339</strong></td>
<td><strong>$305,393</strong></td>
<td><strong>$306,068</strong></td>
</tr>
</tbody>
</table>

- **Total Agency Contribution**: $294,339, **Budget FYE 2020**: $305,393, **Budget FYE 2021**: $306,068

- **3.76%**
- **0.22%**
Questions?
Technical/Grant Writing Services in SAWPA Budget

- Included in the approved FY 17-19 SAWPA Budget for staff that the SAWPA Commission agreed could be used for consulting services instead.
- Fulfills SAWPA Strategic Assessment need to address OWOW and Roundtable goals and objectives.
- Improves ability to prepare effective and high scoring Prop 1 IRWM grant application to secure Prop 1 IRWM funding for OWOW/SAWPA and project proponents.
SAWPA Approved the Qualified Consultants in Dec. 19, 2017

- List of six qualified consultants available for on call services for Technical and Grant writing services
- Proposals were requested from three of these qualified consultants for support Prop 1 IRWM Implementation Round 1 grant application
- Contract with Dudek is recommended based on familiarity with OWOW plan, IRWM grant application experience and competitive costs
Funding Transfers

- Funding support for technical/grant writing services was shown in the approved budget FYE 2019 Budget as a staff position.
- Past Commission authorization formally transfer funds from labor & benefits to consulting services.
- Additional transfer from two funds to OWOW fund is needed to utilize available funding.
Recommendation

Authorize transfer of $7683 from Fund 100-05 and $17,144 from Fund 370-01 all designated for FYE 2019 to technical/grant writing consultant support to Fund 373OWOW.

Execute Task Order No. DUDK373-06 with Dudek in the amount of $91,310 to provide grant writing support services for the Prop 1 IRWM Round 1 Implementation Grant Application support
Questions?
Basin Monitoring Program Task Force Regulatory Support

Presented by Mark Norton P.E.,
Water Resources & Planning Manager

SAWPA Commission
March 5, 2019
Basin Monitoring Program Task Force
SAWPA authorized agreement in 2004

**Description**

- Conducts analysis of TDS and nitrate in watershed groundwater every three years to identify trends

- Annual Santa Ana River (SAR) water quality report

- SAR Wasteload Allocation to confirm compliance of river discharges with ground water quality objectives
### Basin Monitoring Program Task Force

<table>
<thead>
<tr>
<th>Eastern Municipal Water District</th>
<th>Chino Basin Watermaster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inland Empire Utilities Agency</td>
<td>Yucaipa Valley Water District</td>
</tr>
<tr>
<td>Orange County Water District</td>
<td>City of Beaumont</td>
</tr>
<tr>
<td>City of Riverside</td>
<td>City of Corona</td>
</tr>
<tr>
<td>Lee Lake Water District</td>
<td>City of Redlands</td>
</tr>
<tr>
<td>Elsinore Valley Municipal Water District</td>
<td>City of Rialto</td>
</tr>
<tr>
<td>Irvine Ranch Water District</td>
<td>Jurupa Community Services District</td>
</tr>
<tr>
<td>Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation</td>
<td>Western Riverside Co Regional Wastewater Authority/WMWD</td>
</tr>
<tr>
<td>*San Bernardino Valley Municipal Water District</td>
<td>*City of Banning</td>
</tr>
<tr>
<td>* San Gorgonio Pass Water Agency</td>
<td>* Beaumont Cherry Valley Water District</td>
</tr>
</tbody>
</table>

- Four new agencies added in 2015
- Santa Ana Regional Board also a non-funding task force agency
Recent and Future Deliverables

- Three proposals received for next triennial ambient groundwater quality update.
- Near finalization of Santa Ana River (SAR) Wasteload Allocation – anticipated by May 2019
- Basin Plan Amendment and Supplemental Environmental Document to be prepared for SAR Wasteload Allocation by Sept. 2019
- Existing WWTP permits were extended to meet new SAR Wasteload Allocation
- Drought Policy based on So Cal Salinity Coalition technical work – by Dec. 2019
Basin Monitoring Program (BMP) Task Force Committee conducted an evaluation of Risk Sciences undertaking due diligence on consulting support in 2017.

Consultant Review Committee and BMP Task Force unanimously agreed to continue support of Risk Sciences. Key findings:

- Risk Sciences support is unique and specialized
- Risk Sciences support cannot be competitively obtained
- Risk Sciences has unique and positive relationship with Regional Board and BMP Task Force
- Issuing RFP would cause undue delay and expense to BMP Task force

Unanimous recommendation of BMP Task Force to SAWPA Commission to support task order with Risk Sciences at Feb. 19, 2019 meeting.
Recommendation

That the Commission:

Execute Task Order No. RISK374-08 with Risk Sciences in the amount of $74,400 to provide strategic and regulatory support for the Basin Monitoring Program Task Force.