SAWPA

FYE 2018 and 2019 Draft
OWOW and
Roundtables Funds Budget
<table>
<thead>
<tr>
<th>Fund Number</th>
<th>Fund Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>370-01</td>
<td>Basin Planning General</td>
</tr>
<tr>
<td>370-02</td>
<td>USBR Partnership Studies</td>
</tr>
<tr>
<td>373</td>
<td>Watershed Management - OWOW</td>
</tr>
<tr>
<td>130 – 145</td>
<td>Prop 84 Program Management (All Rounds)</td>
</tr>
<tr>
<td>397</td>
<td>Energy – Water DAC Grant Project</td>
</tr>
<tr>
<td>398</td>
<td>Proposition 1 - DACI</td>
</tr>
<tr>
<td>504</td>
<td>Prop 84 Round I &amp; II Capital Projects (Passthrough)</td>
</tr>
<tr>
<td>504-00</td>
<td>Prop 84 Drought Capital Projects</td>
</tr>
<tr>
<td>504-04</td>
<td>Prop 84 SARCCUP</td>
</tr>
</tbody>
</table>
Revenues $7.3 Million

- **Prop 84 Drought Projects**, $1,265,683, 17%
- **Prop 84 SARCCUP**, $762,496, 11%
- **Prop 84 Program Mgmt**, $686,522, 9%
- **Energy - Water DAC Grant**, $1,665,000, 23%
- **Watershed Mgmt - OWOW**, $527,000, 7%
- **Basin Planning General**, $356,000, 5%
- **USBR Partnership Studies**, $70,000, 1%
- **Prop 84 SARCCUP**, $762,496, 11%
- **Prop 84 Program Mgmt**, $686,522, 9%
- **Energy - Water DAC Grant**, $1,665,000, 23%
Revenues $7.3 Million

- Member Agency Contributions, $776,000, 11%
- Participant Fees, $818,612, 11%
- Grant Proceeds, $5,741,297, 78%
FYE 2019

Revenues $6.0 Million

Prop 84 SARCCUP, $807,844, 13%
Prop 84 Drought Projects, $1,182,042, 20%
Prop 1 - DACI, $1,747,121, 29%
Basin Planning General, $356,000, 6%
USBR Partnership Studies, $70,000, 1%
Watershed Mgmt - OWOW, $548,000, 9%
Prop 84 Program Mgmt, $718,154, 12%
Energy - Water DAC Grant, $586,816, 10%
Revenues $6.0 Million

- Grant Proceeds, $4,777,256, 80%
- Participant Fees, $437,722, 7%
- Member Agency Contributions, $801,000, 13%
## Member Agency Contributions

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Planning General</td>
<td>$356,000</td>
<td>$356,000</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>20,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Watershed Management - OWOW</td>
<td>400,000</td>
<td>425,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$776,000</strong></td>
<td><strong>$801,000</strong></td>
</tr>
<tr>
<td>Fund</td>
<td>FYE 2018</td>
<td>FYE 2019</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>$50,000</td>
<td>$50,000</td>
</tr>
<tr>
<td>Watershed Management - OWOW</td>
<td>127,000</td>
<td>123,000</td>
</tr>
<tr>
<td>Prop 84 Program Management (all rounds)</td>
<td>686,522</td>
<td>718,154</td>
</tr>
<tr>
<td>Energy – Water DAC Grant Project</td>
<td>1,300,000</td>
<td>586,816</td>
</tr>
<tr>
<td>Proposition 1 – DACI</td>
<td>2,003,206</td>
<td>1,747,121</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>1,265,683</td>
<td>1,182,042</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>308,885</td>
<td>370,123</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$5,741,297</strong></td>
<td><strong>$4,777,256</strong></td>
</tr>
</tbody>
</table>
## Participant Fees

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy – Water DAC Grant Project</td>
<td>$365,000</td>
<td>$0</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>453,612</td>
<td>437,722</td>
</tr>
</tbody>
</table>

**Total**                                    | **$818,612** | **$437,722** |
## Prop 84 Projects (passthrough)

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prop 84 Projects – Round I</td>
<td>$750,000</td>
<td>$0</td>
<td>$750,000</td>
</tr>
<tr>
<td>Prop 84 Projects – Round II</td>
<td>6,780,247</td>
<td>2,075,000</td>
<td>8,855,247</td>
</tr>
<tr>
<td>Prop 84 Project – Drought Round</td>
<td>4,133,341</td>
<td>100,000</td>
<td>4,233,341</td>
</tr>
<tr>
<td>Prop 84 – Final Round (SARCCUP)</td>
<td>9,416,637</td>
<td>10,612,335</td>
<td>20,028,972</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$21,080,225</strong></td>
<td><strong>$12,787,335</strong></td>
<td><strong>33,867,560</strong></td>
</tr>
</tbody>
</table>
Expenses $7.4 Million

- **Prop 84 SARCCUP**, $762,496, 11%
- **Basin Planning General**, $371,009, 5%
- **USBR Partnership Studies**, $69,178, 1%
- **Watershed Mgmt - OWOW**, $523,362, 7%
- **Prop 84 Program Mgmt**, $686,522, 9%
- **Energy - Water DAC Grant**, $1,721,860, 23%
- **Prop 84 Drought Projects**, $1,265,683, 17%
- **Prop 1 - DACI**, $2,003,206, 27%
FYE 2018

Expenses $7.4 Million

- Program Expense, $2,040,501, 28%
- Labor & Benefits, $1,145,161, 16%
- Indirect Costs, $1,123,974, 15%
- Consulting, $3,024,037, 41%
- Meeting & Travel, $22,800, 0%
- Equip & Computers, $4,100, 0%
- Other Admin, $17,710, 0%
Expenses $6.4 Million

- Prop 84 SARCCUP, $807,844, 13%
- Basin Planning General, $385,131, 6%
- USBR Partnership Studies, $70,365, 1%
- Watershed Mgmt - OWOW, $551,346, 9%
- Prop 84 Program Mgmt, $718,154, 11%
- Energy - Water DAC Grant, $918,104, 14%
- Prop 84 Drought Projects, $1,182,042, 19%
- Prop 1 - DACI, $1,747,121, 27%
Expenses $6.3 Million

- Program Expense, $1,892,873, 30%
- Labor & Benefits, $1,177,114, 19%
- Indirect Costs, $1,155,232, 18%
- Consulting, $2,050,850, 33%
- Equip & Computers, $4,100, 0%
- Meeting & Travel, $25,800, 0%
- Other Admin, $18,660, 0%
## Fund Balance FYE 2018

<table>
<thead>
<tr>
<th>Fund</th>
<th>Projected Fund Balance 06/30/17</th>
<th>Revenues</th>
<th>Expenses</th>
<th>Fund Balance 06/30/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Planning General</td>
<td>$45,039</td>
<td>$356,000</td>
<td>$371,009</td>
<td>$30,029</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>22,817</td>
<td>70,000</td>
<td>69,178</td>
<td>23,639</td>
</tr>
<tr>
<td>Watershed Management - OWOW</td>
<td>1,060</td>
<td>527,000</td>
<td>523,362</td>
<td>4,698</td>
</tr>
<tr>
<td>Prop 84 Program Management (all)</td>
<td>0</td>
<td>686,522</td>
<td>686,522</td>
<td>0</td>
</tr>
<tr>
<td>Energy – Water DAC Grant Project</td>
<td>388,341</td>
<td>1,665,000</td>
<td>1,721,860</td>
<td>331,481</td>
</tr>
<tr>
<td>Proposition 1 - DACI</td>
<td>0</td>
<td>2,003,206</td>
<td>2,003,206</td>
<td>0</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>0</td>
<td>1,265,683</td>
<td>1,265,683</td>
<td>0</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>0</td>
<td>762,496</td>
<td>762,496</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$457,257</strong></td>
<td><strong>$7,335,908</strong></td>
<td><strong>$7,403,317</strong></td>
<td><strong>$389,847</strong></td>
</tr>
<tr>
<td>Fund</td>
<td>Projected Fund Balance 06/30/18</td>
<td>Revenues</td>
<td>Expenses</td>
<td>Fund Balance 06/30/19</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------------------</td>
<td>---------------</td>
<td>---------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Basin Planning General</td>
<td>$30,029</td>
<td>$356,000</td>
<td>$385,131</td>
<td>$898</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>23,639</td>
<td>70,000</td>
<td>70,365</td>
<td>23,274</td>
</tr>
<tr>
<td>Watershed Management - OWOW</td>
<td>4,698</td>
<td>548,000</td>
<td>551,346</td>
<td>1,353</td>
</tr>
<tr>
<td>Prop 84 Program Management (all)</td>
<td>0</td>
<td>718,154</td>
<td>718,154</td>
<td>0</td>
</tr>
<tr>
<td>Energy – Water DAC Grant Project</td>
<td>331,481</td>
<td>586,816</td>
<td>918,104</td>
<td>193</td>
</tr>
<tr>
<td>Proposition 1 – DACI</td>
<td>0</td>
<td>1,747,121</td>
<td>1,747,121</td>
<td>0</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>0</td>
<td>1,182,042</td>
<td>1,182,042</td>
<td>0</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>0</td>
<td>807,844</td>
<td>807,844</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$389,847</strong></td>
<td><strong>$6,015,977</strong></td>
<td><strong>$6,380,106</strong></td>
<td><strong>$25,717</strong></td>
</tr>
</tbody>
</table>
Labor Hours Distribution – FYE 2018

- General Fund: 38.6%
- BL Operations: 28.3%
- BL Capital: 5.1%
- OWOW: 24.3%
- Roundtables: 3.7%
Labor Hours Distribution – FYE 2019

- General Fund: 39.7%
- BL Operations: 29.4%
- OWOW: 23.2%
- BL Capital: 4.1%
- Roundtables: 3.6%
<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Planning General</td>
<td>2,480</td>
<td>2,365</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>115</td>
<td>110</td>
</tr>
<tr>
<td>Watershed Management - OWOW</td>
<td>2,895</td>
<td>2,775</td>
</tr>
<tr>
<td>Prop 84 Program Management (All Rounds)</td>
<td>4,195</td>
<td>3,980</td>
</tr>
<tr>
<td>Energy – Water DAC Grant Project</td>
<td>480</td>
<td>464</td>
</tr>
<tr>
<td>Proposition 1 - DACI</td>
<td>2,395</td>
<td>2,435</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>1,680</td>
<td>1,250</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>835</td>
<td>1,050</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15,075</strong></td>
<td><strong>14,429</strong></td>
</tr>
<tr>
<td><strong>Full-time Equivalent (FTE = 2,080 hrs)</strong></td>
<td><strong>7.25</strong></td>
<td><strong>6.94</strong></td>
</tr>
</tbody>
</table>
### Indirect Cost Allocation - OWOW

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Planning General</td>
<td>$175,783</td>
<td>$182,757</td>
</tr>
<tr>
<td>USBR Partnership Studies</td>
<td>9,402</td>
<td>9,989</td>
</tr>
<tr>
<td>Watershed Management - OWOW</td>
<td>208,428</td>
<td>222,265</td>
</tr>
<tr>
<td>Prop 84 Program Management (All Rounds)</td>
<td>340,124</td>
<td>355,751</td>
</tr>
<tr>
<td>Energy – Water DAC Grant Project</td>
<td>28,011</td>
<td>28,020</td>
</tr>
<tr>
<td>Proposition 1 - DACI</td>
<td>137,902</td>
<td>154,036</td>
</tr>
<tr>
<td>Prop 84 Drought Capital Projects</td>
<td>154,453</td>
<td>115,478</td>
</tr>
<tr>
<td>Prop 84 SARCCUP</td>
<td>82,496</td>
<td>114,557</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,136,600</strong></td>
<td><strong>$1,182,852</strong></td>
</tr>
<tr>
<td><strong>% of Total Indirect Costs</strong></td>
<td>38.52%</td>
<td>37.89%</td>
</tr>
<tr>
<td>Fund Number</td>
<td>Fund Title</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>372</td>
<td>Imported Water Recharge Workgroup</td>
<td></td>
</tr>
<tr>
<td>374</td>
<td>Basin Monitoring Program Task Force</td>
<td></td>
</tr>
<tr>
<td>381</td>
<td>Santa Ana River Fish Conservation</td>
<td></td>
</tr>
<tr>
<td>384-01</td>
<td>Middle SAR TMDL Task Force</td>
<td></td>
</tr>
<tr>
<td>386</td>
<td>Regional Water Quality Monitoring Task Force</td>
<td></td>
</tr>
<tr>
<td>387</td>
<td>Arundo Management &amp; Habitat Restoration</td>
<td></td>
</tr>
<tr>
<td>392</td>
<td>Emerging Constituents Task Force</td>
<td></td>
</tr>
<tr>
<td>396</td>
<td>Forest First</td>
<td></td>
</tr>
<tr>
<td>477</td>
<td>LESJWA Administration</td>
<td></td>
</tr>
</tbody>
</table>
Revenues $1.3 Million

- **LESJWA Admin**, $212,027, 16%
- **Basin Monitoring**, $272,447, 21%
- **SAR Fish Conservation**, $29,000, 2%
- **Middle SAR TMDL**, $215,000, 16%
- **Arundo Mgmt**, $88,980, 7%
- **Emerging Constituents**, $40,000, 3%
- **RWQ Monitoring**, $357,048, 27%

FYE 2018
FYE 2018

Revenues $1.3 Million

- Financing Proceeds, $202,027, 15%
- Member Agency Contributions, $20,000, 2%
- Participant Fees, $863,445, 65%
- Other Income, $233,232, 18%
Revenues $1.3 Million

- **LESJWA Admin**, $216,674, 16%
- **Imported Water Recharge**, $9,000, 1%
- **Basin Monitoring**, $272,447, 20%
- **SAR Fish Conservation**, $29,000, 2%
- **RWQ Monitoring**, $357,048, 27%
- **Forest First**, $103,308, 8%
- **Emerging Constituents**, $40,000, 3%
- **MSAR TMDL**, $215,000, 16%
- **Arundo Mgmt**, $88,980, 7%
Revenues $1.3 Million

- **Participant Fees**, $871,551, 65%
- **Other Income**, $233,232, 18%
- **Financing Proceeds**, $206,674, 16%
- **Member Agency Contributions**, $20,000, 1%
## Participant Fees

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imported Water Recharge</td>
<td>$0</td>
<td>$9,000</td>
</tr>
<tr>
<td>Basin Monitoring Program TF</td>
<td>272,447</td>
<td>272,447</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>215,000</td>
<td>215,000</td>
</tr>
<tr>
<td>RWQ Monitoring TF</td>
<td>212,796</td>
<td>212,796</td>
</tr>
<tr>
<td>Emerging Constituents TF</td>
<td>40,000</td>
<td>40,000</td>
</tr>
<tr>
<td>Forest First</td>
<td>104,202</td>
<td>103,308</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$863,445</strong></td>
<td><strong>$871,551</strong></td>
</tr>
</tbody>
</table>
# Member Agency Contributions

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</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>
</tr>
</tbody>
</table>
## Financing Proceeds

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>LESJWA Administration</td>
<td>$202,027</td>
<td>$206,674</td>
</tr>
<tr>
<td>Total</td>
<td>$202,027</td>
<td>$206,674</td>
</tr>
</tbody>
</table>
### Other Income

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWQ Monitoring TF</td>
<td>$144,252</td>
<td>$144,252</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat</td>
<td>88,980</td>
<td>88,980</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$233,232</strong></td>
<td><strong>$233,232</strong></td>
</tr>
</tbody>
</table>
Expenses $1.4 Million

- Imported Water Recharge, $7,698, 1%
- LESJWA Admin, $212,027, 15%
- Forest First, $104,202, 7%
- Emerging Constituents, $40,528, 3%
- Arundo Mgmt, $72,281, 5%
- RWQ Monitoring, $327,988, 23%
- SAR Fish Conservation, $53,156, 4%
- MSAR TMDL, $196,554, 14%
- Basin Monitoring, $404,772, 28%

FYE 2018
FYE 2018

Expenses $1.4 Million

- Consulting, $843,964, 59%
- Indirect Costs, $207,877, 15%
- Meeting & Travel, $1,150, 0%
- Other Admin, $10,250, 1%
- Labor & Benefits, $211,713, 15%
- Other Expense, $144,252, 10%
Expenses $1.5 Million

- RWQ Monitoring, $333,802, 23%
- Arundo Mgmt, $183,367, 12%
- Emerging Constituents, $40,719, 3%
- Forest First, $103,308, 7%
- SAR Fish Conservation, $106,303, 7%
- MSAR TMDL, $200,470, 13%
- Basin Monitoring, $280,534, 19%
- LESJWA Admin, $216,674, 15%
- Imported Water Recharge, $10,804, 1%
Expenses $1.5 Million

- Consulting, $731,211, 49%
- Program Expense, $150,000, 10%
- Other Expense, $144,252, 10%
- Other Admin, $10,250, 1%
- Meeting & Travel, $1,450, 0%
- Labor & Benefits, $221,441, 15%
- Indirect Costs, $217,376, 15%
Imported Water Recharge Group

Participants:
- City of San Bernardino
- City of Corona
- San Gorgonio Pass Water Agency
- City of Riverside
- EVMWD
- EMWD
- OCWD
- SBVMWD
- WMWD

FTE = 0.03
Basin Monitoring Program Task Force

Participating:
- 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 = 0.21
Santa Ana River Fish Conservation

Participants:
- City of Riverside
- OCWD

FTE = 0.10
Middle Santa Ana River TMDL TF

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:
- 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
- Orange County Flood Control
- Agriculture

FTE = 0.10
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 = 0.03
Participants:
- SAWPA

FTE = 0.01
Participants:
- City of Canyon Lake
- City of Lake Elsinore
- EVMWD
- County of Riverside
- SAWPA

FTE = 0.50
<table>
<thead>
<tr>
<th>Fund</th>
<th>Projected Fund Balance 06/30/17</th>
<th>Revenues</th>
<th>Expenses</th>
<th>Fund Balance 06/30/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imported Water Recharge Workgroup</td>
<td>$10,899</td>
<td>$0</td>
<td>$7,698</td>
<td>$3,202</td>
</tr>
<tr>
<td>Basin Monitoring Program Task Force</td>
<td>276,374</td>
<td>272,447</td>
<td>404,772</td>
<td>144,050</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>185,817</td>
<td>29,000</td>
<td>53,156</td>
<td>161,661</td>
</tr>
<tr>
<td>Middle SAR TMDL Task Force</td>
<td>237,247</td>
<td>215,000</td>
<td>196,554</td>
<td>255,693</td>
</tr>
<tr>
<td>Regional Water Quality Monitoring TF</td>
<td>22,549</td>
<td>357,048</td>
<td>327,988</td>
<td>51,609</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>961,761</td>
<td>88,980</td>
<td>72,281</td>
<td>978,460</td>
</tr>
<tr>
<td>Emerging Constituents Task Force</td>
<td>87,913</td>
<td>40,000</td>
<td>40,528</td>
<td>87,385</td>
</tr>
<tr>
<td>Forest First</td>
<td>0</td>
<td>104,202</td>
<td>104,202</td>
<td>0</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>0</td>
<td>212,027</td>
<td>212,027</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,782,561</strong></td>
<td><strong>$1,318,704</strong></td>
<td><strong>$1,419,206</strong></td>
<td><strong>$1,682,060</strong></td>
</tr>
<tr>
<td>Fund</td>
<td>Projected Fund Balance 06/30/18</td>
<td>Revenues</td>
<td>Expenses</td>
<td>Projected Fund Balance 06/30/19</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>----------------------------------</td>
<td>----------</td>
<td>----------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Imported Water Recharge Workgroup</td>
<td>$3,202</td>
<td>$9,000</td>
<td>$10,804</td>
<td>$1,398</td>
</tr>
<tr>
<td>Basin Monitoring Program Task Force</td>
<td>144,050</td>
<td>272,447</td>
<td>280,534</td>
<td>135,962</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>161,661</td>
<td>29,000</td>
<td>106,303</td>
<td>84,358</td>
</tr>
<tr>
<td>Middle SAR TMDL Task Force</td>
<td>255,693</td>
<td>215,000</td>
<td>200,470</td>
<td>270,223</td>
</tr>
<tr>
<td>Regional Water Quality Monitoring TF</td>
<td>51,609</td>
<td>357,048</td>
<td>333,802</td>
<td>74,855</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>978,460</td>
<td>88,980</td>
<td>183,367</td>
<td>884,072</td>
</tr>
<tr>
<td>Emerging Constituents Task Force</td>
<td>87,385</td>
<td>40,000</td>
<td>40,419</td>
<td>86,666</td>
</tr>
<tr>
<td>Forest First</td>
<td>0</td>
<td>103,308</td>
<td>103,308</td>
<td>0</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>0</td>
<td>216,674</td>
<td>216,674</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,682,060</strong></td>
<td><strong>$1,331,457</strong></td>
<td><strong>$1,475,981</strong></td>
<td><strong>$1,537,535</strong></td>
</tr>
</tbody>
</table>
Labor Hours Distribution – FYE 2018

- General Fund: 38.6%
- BL Operations: 28.3%
- BL Capital: 5.1%
- OWOW: 24.3%
- Roundtables: 3.7%
Labor Hours Distribution – FYE 2019

- General Fund: 39.7%
- BL Operations: 29.4%
- BL Capital: 4.1%
- OWOW: 23.2%
- Roundtables: 3.6%
### Labor Hours Distribution - Roundtables

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imported Water Recharge Workgroup</td>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>Basin Monitoring Program Task Force</td>
<td>435</td>
<td>419</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>200</td>
<td>190</td>
</tr>
<tr>
<td>Middle SAR TMDL Task Force</td>
<td>150</td>
<td>165</td>
</tr>
<tr>
<td>Regional Water Quality Monitoring Task Force</td>
<td>110</td>
<td>130</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>185</td>
<td>173</td>
</tr>
<tr>
<td>Emerging Constituents Task Force</td>
<td>56</td>
<td>54</td>
</tr>
<tr>
<td>Forest First</td>
<td>30</td>
<td>20</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>1,115</td>
<td>1,050</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,326</strong></td>
<td><strong>2,261</strong></td>
</tr>
<tr>
<td><strong>Full-time Equivalent (FTE = 2,080 hrs)</strong></td>
<td><strong>1.12</strong></td>
<td><strong>1.09</strong></td>
</tr>
</tbody>
</table>
## Indirect Cost Allocation - Roundtables

<table>
<thead>
<tr>
<th>Fund</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imported Water Recharge Workgroup</td>
<td>$3,814</td>
<td>$5,352</td>
</tr>
<tr>
<td>Basin Monitoring Program Task Force</td>
<td>43,164</td>
<td>43,537</td>
</tr>
<tr>
<td>Santa Ana River Fish Conservation</td>
<td>14,395</td>
<td>14,839</td>
</tr>
<tr>
<td>Middle SAR TMDL Task Force</td>
<td>13,378</td>
<td>15,316</td>
</tr>
<tr>
<td>Regional Water Quality Monitoring Task Force</td>
<td>10,142</td>
<td>13,021</td>
</tr>
<tr>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>15,795</td>
<td>16,182</td>
</tr>
<tr>
<td>Emerging Constituents Task Force</td>
<td>5,216</td>
<td>5,310</td>
</tr>
<tr>
<td>Forest First</td>
<td>2,082</td>
<td>1,639</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>99,892</td>
<td>102,181</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$207,877</strong></td>
<td><strong>$217,376</strong></td>
</tr>
<tr>
<td><strong>% of Total Indirect Costs</strong></td>
<td><strong>7.04%</strong></td>
<td><strong>6.96%</strong></td>
</tr>
</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>0.20%</td>
</tr>
<tr>
<td>2019</td>
<td>294,339</td>
<td>5,916</td>
<td>2.05%</td>
</tr>
</tbody>
</table>
# Member Contributions per Agency

## Activity FYE 2017 FYE 2018 FYE 2019

<table>
<thead>
<tr>
<th>Activity</th>
<th>FYE 2017</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Planning General</td>
<td>$70,000</td>
<td>$71,200</td>
<td>$71,200</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>60,000</td>
<td>80,000</td>
<td>85,000</td>
</tr>
<tr>
<td>SA River Fish Conservation</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
</tr>
<tr>
<td>Stormwater Quality Standards TF</td>
<td>10,000</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>LESJWA Administration</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
</tr>
<tr>
<td>State/Federal Lobbying</td>
<td>49,861</td>
<td>39,223</td>
<td>40,139</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>$287,861</strong></td>
<td><strong>$288,423</strong></td>
<td><strong>$294,339</strong></td>
</tr>
</tbody>
</table>
Inland Empire Brine Line
Reach 4 Protection

SAWPA Commission
Item 6.A
April 4, 2017
Brine Line Protection – Reach 4

Recommendation to Commission:

- (1) receive and file a report on the Brine Line Reach 4 protection project,
  (2) adopt Resolution No. 2017-6 approving Form OES 130 designating the General Manager as the SAWPA authorized representative to execute an application for federal financial assistance under Public Law 93-228; and
  (3) direct the General Manager to submit a request for public assistance to seek reimbursement for a portion of the costs associated with the Reach 4 protection project.
Brine Line Alignment
Emergency Declaration

- Emergency Declared on March 16, 2017 for January 18-23, 2017 storms in Riverside County
- Deadline to apply is April 11, 2017
- Cost share:
  - FEMA: 75%
  - State: 18.75%
  - Local: 6.25%
Critical Success Factors

1. Minimize disruptions to customers.

5. Protect and preserve the useful life of the Brine Line assets through strategic maintenance, repair, and capital improvements.

8. Operate the Brine Line to: (1) protect the OCSD treatment plant and the environment from non-compliant dischargers, and (2) eliminate any uncontrolled pipeline releases.
Recommendation to Commission:

- (1) receive and file a report on the Brine Line Reach 4 Protection project, (2) adopt Resolution No. 2017-6 approving Form OES 130 designating the General Manager as the SAWPA authorized representative to execute an application for federal financial assistance under Public Law 93-228; and (3) direct the General Manager to submit a request for public assistance to seek reimbursement for a portion of the costs associated with the Reach 4 protection project.
QUESTIONS??
The Public Assistance Process

Disaster Event ➔ PDA ➔ Governor’s Request ➔ Declaration

Kick-off Meeting ➔ Submission of Request ➔ Applicants’ Briefing

Formulation of Projects ➔ Project Review ➔ Approval

Close Out ➔ Subrecipient ➔ Recipient ➔ Funding
Inland Empire Brine Line
Reach V Rehabilitation and Improvement Project – Phase 1

Item 7.A

April 4, 2017
Inland Empire Brine Line Reach V Rehabilitation and Improvement Project

Reaches 2 and 3

---

Temescal Valley

MAS V-0420-A
MAS V-0410-A
MAS V-0430-A
MAS V-0400-A

Tom's Farms

MAS Type

A
B

Reach 2 (8,925 ft)
Reach 3 (3,875 ft)
Reach V

---

3/14/17 8:21:50 AM PDT
Inland Empire Brine Line Reach V Rehabilitation and Improvement Project
Reaches 2 and 3

Temescal Valley

MAS Type
- A
- B
- Reach 2 (8,925 ft)
- Reach 3 (3,875 ft)
- Reach V

Tom's Farms
Questions?
Reach V Rehabilitation and Improvement Project Phase 1

Task 1: Remove defective liner/PVC pipe and replace with new PVC pipe.
Task 2: Complete CKC deficiencies and place liners 1-10 into service.
Task 3: Remove by-pass system, complete CKC deficiencies.
Task 4: Rehabilitate Brine Line with Cured-In-Place Pipe.
Public Outreach

- Project Update Brochures
- Construction Hotline
- Construction E-mail address
- Posting to We R Temescal Valley Facebook Page
- Project Website
SAWPA Strategic Assessment
Processes, Activities and Tasks – Nov. 15 & Dec. 6th, 2016 SAWPA Commission Mtgs

OWOW Evaluation
- 1576- 4150 hrs tasks shortfall thru FY 2020
- Reflects need of at least one additional FTE to achieve “A level”

Roundtables Evaluation
- 395 - 535 hrs tasks shortfall thru FY 2021
- Reflects need of additional staff labor hours to achieve “A level”

Technical Writer/Grant Writer position discussed in the past to support new grants and benefit communication for both Roundtables and OWOW
Grant Writer Role – Pursues all types of grants

- Foundations
- Corporations
- State
- Federal
<table>
<thead>
<tr>
<th>Grant Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific Institute</td>
<td>$100,000</td>
</tr>
<tr>
<td>Bechtel Foundation</td>
<td>$500,000</td>
</tr>
<tr>
<td>Walmart Foundation</td>
<td>$100,000</td>
</tr>
<tr>
<td>Sierra Fund</td>
<td>$80,000</td>
</tr>
<tr>
<td>Non-OWOW State Grants</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Federal grants – USFS, USFWS</td>
<td>$500,000</td>
</tr>
<tr>
<td>Other philanthropic orgs</td>
<td>$500,000</td>
</tr>
</tbody>
</table>

Potential Additional Funding: $3 million
Technical Writer’s Multiple Roles

- Training
- Outreach
- Strategic meetings
- Documentation
- Integrated planning
- Quality assurance
Grant Writer/Technical Writer
Position leverages resources

- Grants Writer /Technical Writer to be funded from SAWPA contributions to OWOW and Roundtable stakeholders
- Fulfills SAWPA Strategic Assessment need to address OWOW and Roundtable goals and objectives
- Improves ability to communicate Roundtable successes to leverage other dollars
- Improves prioritization and beneficial outcome of lower priority Roundtable projects
- Grants applied for and received by Grant Writer/Tech Writer would cover grant administration, project mgt and project implementation
Why not just contract out these services?

In-house staff preferred:
- Supports succession planning
- Services are not just one event but for every year
- Better able to control schedule and priorities
- Otherwise multiple consultants with multiple contracts – less cost efficient
- Assistance with ongoing technical writing of OWOW Plan Update and watershed messaging
Backup Slides
Roundtables prioritization based on multiple criteria

1. Basin Monitoring Program Task Force
2. Regional Water Quality Monitoring Program
3. Lake Elsinore & Canyon Lake Total Maximum Daily Load (TMDL) Task Force / LESJWA
4. Middle Santa Ana River TMDL Task Force
5. Santa Ana River Fish Conservation Task Force
6. Emerging Constituents Program Task Force
7. Arundo Habitat Mitigation Program
8. Imported Water Recharge Workgroup
9. Forest First Workgroup
<table>
<thead>
<tr>
<th>OWOW Process, Activity, or Task</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>Estimated Annual Hours Needed for &quot;A&quot; Level</th>
<th>FYE 2017 Budget Hours</th>
<th>Annual</th>
<th>Difference between Budgeted Hours and Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>OWOW Plan Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1635 1580 1650 610 1640</td>
<td>(40) (40) (20) 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Engage with stakeholders through general workshops and Pillar workshops to assess progress towards achievement of OWOW objectives as well as to provide benefits of multi-benefits of watershed wide thinking and planning.</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>60  60  40  0  20</td>
<td>(40) (80) (20) 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Support and train OWOW stakeholders in use of regional GIS functionality and OWOW project tracking tools.</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50  50  0  0  0</td>
<td>(100) (200) 200 100</td>
<td></td>
<td>- (100) (100) 100</td>
</tr>
<tr>
<td>3. Prepare annual watershed health assessment tracking watershed's progress toward sustainability and resiliency.</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200 200 80 80 80</td>
<td>0 (160) 160 160 40</td>
<td></td>
<td>(120) (120) (120)</td>
</tr>
<tr>
<td>4. Update the OWOW Plan every 4-5 years or more frequently as needed to reflect current regional water resource needs, knowledge, data, or policy.</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>80  80 80 80 80</td>
<td>800 800 800 800 800</td>
<td></td>
<td>- -</td>
</tr>
<tr>
<td>5. Develop and implement data collection, storage and distribution to improve regional utilization of data and information generated in the watershed.</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40  40 40 40 40</td>
<td>160 160 160 160 80</td>
<td></td>
<td>(80) (80) (80) (80)</td>
</tr>
<tr>
<td>Conduct post assessment of project impacts and benefits of past OWOW Plan and planning for next OWOW plan update.</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40  40 40 40 40</td>
<td>(20) (20) 20 20 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Convene Pillar charts, arrange workshops and serve as liaison, facilitator, presenter, and coordinator during OWOW planning phase, OWOW funding and selection criteria and OWOW project implementation support.</td>
<td>145</td>
<td>145</td>
<td>145</td>
<td>145</td>
<td>145</td>
<td>145 145 145 145 145</td>
<td>455 580 290 290 580</td>
<td></td>
<td>- 290</td>
</tr>
<tr>
<td>OWOW Administration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>800 1460 520 1200 700</td>
<td>(10) (610) (130) (40)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Prepare and conduct regular progress reports on scope, schedule, and deliverables.</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20  20 20 20 20</td>
<td>80 80 80 80 80</td>
<td></td>
<td>(40) (40) (40) (40)</td>
</tr>
<tr>
<td>2. Implement a regular progress (bi-annually) for budgeting and confirming or adjusting priorities and resources.</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40  40 40 40 40</td>
<td>80 80 80 80 80</td>
<td></td>
<td>(40) (40) (40) (40)</td>
</tr>
<tr>
<td>3. Train and retain all staff with capacity to conduct OWOW administrative functions including accounting, data management, communication, and maintenance functions.</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60  60 60 60 60</td>
<td>240 240 240 240 240</td>
<td></td>
<td>(140) (140) (140)</td>
</tr>
<tr>
<td>4. Provide support to OWOW governance (Steering Committee and SAWPA Commission) to ensure successful administration and approval of OWOW planning and project implementation.</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70  70 70 70 70</td>
<td>280 280 280 280 280</td>
<td></td>
<td>(140) (140) (140)</td>
</tr>
<tr>
<td>5. Maintain and upgrade state-of-the-art communication and meeting facilitation systems at SAWPA.</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C  C  C  C  C</td>
<td>C 40 - - -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Institute and administer OWOW Calls for Projects and Project Selection with criteria that reflects a systems approach, that encourages multi-benefit, multi-jurisdictional integrated regional projects and programs.</td>
<td>240</td>
<td>240</td>
<td>240</td>
<td>240</td>
<td>240</td>
<td>0  0 480 480 480</td>
<td>120 120 120 120 120</td>
<td></td>
<td>(120) (120) (120) (120)</td>
</tr>
<tr>
<td>7. Produce and implement communications strategy, plan and outreach to describe SAWPA's successes and capabilities under OWOW. Conduct outreach through SAWPA's website, social media and annual OWOW conferences.</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>0  120 120 120 120</td>
<td>0 0 0 0 0</td>
<td></td>
<td>(120) (120) (120) (120)</td>
</tr>
<tr>
<td>8. Evaluate Call for Projects, Project Selection, and Grant Application efforts and successes for future process improvement.</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>0  120 120 120 120</td>
<td>0 0 0 0 0</td>
<td></td>
<td>(120) (120) (120) (120)</td>
</tr>
<tr>
<td>OWOW Grant Application and Implementation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,716 4,240 4,148 3,156 1,040</td>
<td>(2,600) (3,200) (3,100) (2,116)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Successfully apply for, and receive all available State grant funding under RWQMS programs designated for the Santa Ana River Watershed.</td>
<td>80</td>
<td>80</td>
<td>80</td>
<td>80</td>
<td>80</td>
<td>80  80 80 80 80</td>
<td>240 240 240 240 240</td>
<td></td>
<td>(80) (160) (160) (160)</td>
</tr>
<tr>
<td>2. Identify, pursue, secure and administer additional funding for integrated water resources management planning, projects and programs.</td>
<td>305</td>
<td>305</td>
<td>305</td>
<td>305</td>
<td>305</td>
<td>305 305 305 305 305 1200 1220 1220 1220 1220 60</td>
<td>(1,160) (1,160) (1,160) (1,160)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Implement or construct SAWPA programs and projects: OWOW Grant assigned by SAWPA Commission - SAWPA Project Agreement 23 Committee administration, SAWPA project tasks, budget based water rate support, aerial mapping and area measurement tasks, WUE outreach tools, SARCCUP WUE tasks.</td>
<td>268</td>
<td>268</td>
<td>268</td>
<td>268</td>
<td>268</td>
<td>268 268 268 268 268 1,072 1,072 1,072 660 (422) (422) (422) (422)</td>
<td>180</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Implement or construct SAWPA programs and projects: OWOW Grant assigned by SAWPA Commission - SAWPA Project Agreement 23 Committee administration, SARCCUP program assist consultant, Decision Support Tool, Planning Managers, etc.</td>
<td>141</td>
<td>141</td>
<td>141</td>
<td>141</td>
<td>141</td>
<td>141 141 141 141 141 564 508 496 496 0 (564) (508) (496) (496)</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. OWOW SAWPA Grant Administration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5,870 5,870 5,870 5,870 5,870</td>
<td>- - - - -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Provide 1 Disadvantaged Community Involvement Tasks</td>
<td>1393</td>
<td>1393</td>
<td>1393</td>
<td>1393</td>
<td>1393</td>
<td>1393 1393 1393 1393 1393 5,870 5,870 5,870 5,870 5,870</td>
<td>- - - - -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Exercise SAWPA's fiduciary responsibility in administering and overseeing the appropriate use of all grant funds awarded to SAWPA and to OWOW project proponents by the State</td>
<td>1393</td>
<td>1393</td>
<td>1393</td>
<td>1393</td>
<td>1393</td>
<td>1393 1393 1393 1393 1393 5,870 5,870 5,870 5,870 5,870</td>
<td>- - - - -</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Hours by Fiscal Year | 12,043 | 13,490 | 12,588 | 10,016 | 12,041 | 13,490 | 12,588 | 10,016 | 9,340 | (2,709) (4,150) (3,248) (1,570)
<table>
<thead>
<tr>
<th>Roundtables Process, Activity, or Task</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>Estimated Annual Hours Needed for “A” Level</th>
<th>FYE 2017 Budget Hours</th>
<th>Difference Between Need and Budgeted Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Roundtables Administration</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Implement a regular annual process for confirming or adjusting priorities and resources</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>-</td>
</tr>
<tr>
<td>2 Track the implementation of identified solutions resulting from each Roundtable</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>-</td>
</tr>
<tr>
<td>3 Prepare and implement standard criteria, review, and approval process for accepting new potential Roundtables activities</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>-</td>
</tr>
<tr>
<td>4 Train and retain all staff involved in supporting Roundtables including accounting, data management, communication, and maintenance functions</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>-</td>
</tr>
<tr>
<td>5 Prepare Roundtables small budgets showing cost breakdown of staff by agency, revenue needs and obtain Roundtables approval. Include budgets in SWAPA budget</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>-</td>
</tr>
<tr>
<td>6 Manage all accounting functions of Roundtables including invoice entry, preparation, invoices, monthly labor and expense review and monitoring, and all other financial transactions using accepted accounting practices and procedures</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>7 Monitor and/or integrate SWAPA facilities and virtual meeting capabilities</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>-</td>
</tr>
<tr>
<td>8 Manage and coordinate the Roundtables Implementation of projects and programs to ensure high quality results, compliance with State and Federal regulations, satisfactory project relations and adherence to established standards, specifications, and Agency policies</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>9 Prepare grant applications to supplement project program funding</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>-</td>
</tr>
<tr>
<td><strong>Roundtables Communication &amp; Outreach</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Prepare and share with SWAPA Commission standard progress reports twice a year on scope, schedule, deliverables, and budget for each Roundtable</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>-</td>
</tr>
<tr>
<td>2 Engage with Roundtables at key milestones to ensure group progress and results toward achievement of program objectives, distribute information collected and developed under Roundtable efforts. Share and integrate results with other Roundtables, internal SWAPA Departments and other stakeholders to avoid duplication and improve efficiency</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>-</td>
</tr>
<tr>
<td>3 Work directly with other agencies to obtain necessary water resource data related to a specific Roundtable, prepare files, and prepare data to ensure comparability with Agency computer systems, develop and maintain standards and protocols to improve regional utilization of data and information generated in the watershed, and access to project dataset for consultant use upon approval of impacted Roundtable members</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>-</td>
</tr>
<tr>
<td>4 Prepare newsletter articles, brochures, fact sheets and project and program descriptions for distribution and posting on website</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>-</td>
</tr>
<tr>
<td>5 Perform liaison and coordination activities including presentations to SWAPA Commission, other agencies, municipalities and public interest groups in relation to each Roundtable; participate in and enhance the Agency in meetings with the public, citizen groups, NGOs, professional associations, private firms, and other agencies; make recommendations to executive staff and the Commission</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>-</td>
</tr>
<tr>
<td>6 Conduct regular Roundtables meetings including preparation of meeting agendas, meeting notes, meeting minutes, audiovisual setup, prepare minutes, receive and respond to the comments, review follow-up questions, and coordination with Roundtabs consultants, past and future tasks, presentations, reports and other resource material related to Roundtables to respective Roundtable websites</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>-</td>
</tr>
<tr>
<td><strong>Roundtables Facilitation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Attend Regional Board and State Board meetings as needed to provide oral and written reports of Roundtables studies prior to consultant presentations</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>2 Serve as lead facilitator and as one of the Roundtables meetings to ensure consistent review and prepare for future meeting agendas including pre-meeting conference calls, as necessary, with key consultants and Roundtabs members</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>-</td>
</tr>
<tr>
<td>3 Support related Staking Committee meetings, Technical Review Committee meetings, and Consultant coordination meetings</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>-</td>
</tr>
<tr>
<td><strong>Roundtables Implementation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Conduct research or analysis including data, maps, charts, tables, diagrams, reports and fact sheets as requested by Roundtabs members and SWAPA related to specific Roundtables activities</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>5 Prepare scope of work, RFIs and RFPs for consultant services; evaluate and assist in the selection of consultant; provide administration of all contracts for assigned projects and programs; evaluate and critique work products of consultants including drafts, reports, memos, power point presentations and environmental documents; respond to correspondence as needed</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>-</td>
</tr>
<tr>
<td>6 Prepare all Roundtabs formation agreements, funding agreements, Consultant Agreements, Task Orders and Amendments</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Hours by Fiscal Year</strong></td>
<td>1,140</td>
<td>1,140</td>
<td>1,140</td>
<td>1,140</td>
<td>1,140</td>
<td>1,140</td>
<td>1,140</td>
<td>1,140</td>
<td>-</td>
</tr>
</tbody>
</table>
Roundtables Concluded in the past 20 years

- SA River Stakeholder Outreach
- SAR Watershed Group
- SA River Trail Parkway
- GIS Initiative
- ACOE Feasibility Study
- PA16 Colton/Riverside
- Deer Creek Mitigation Support
- Riverside County Biosolids Task Force
- Chino Hills State Park Expansion
- Recreational Mapping
- Trail Marketing Support
- Big Bear TMDL Task Force
- Quail Valley
- Storm Water Quality Standards Task Force
Roundtables Purpose & Objectives -
SAWPA Commission Approved 7-19-16

1. Create value among regulators, regulated parties, and SAWPA members
2. Provide regional capacity and neutral venue
3. Assist with facilitation of stakeholder processes
Roundtables Critical Success Factors (CSFs)  SAWPA Commission Approved 7-19-16

1. SAWPA has reputation as neutral and trusted facilitator, leader and administrator

2. Goals, scope, costs, resources, timelines are approved by Commission before starting

3. Clear upfront criteria for completion and transition efforts
Roundtables Critical Success Factors

SAWPA Commission Approved 7-19-16 (cont.)

4. Leverage roundtables information for benefit of SAWPA and others

5. Annual workplan and budget reviews

6. Adequate staff and resources to support collaboration
Roundtables formed since 2000 and approved by SAWPA Commission

- LESJWA JPA
- Santa Ana Sucker Fish Conservation Team
- Storm Water Quality Standards Task Force
- Imported Water Recharge Workgroup
- Forest First Program
- Arundo Habitat Management
- Lake Elsinore Canyon Lake TMDL Task Force
- Basin Monitoring Program Task Force
- Middle Santa Ana River TMDL Task Force
- Emerging Constituents Task Force
- Regional Water Quality Monitoring Program Task Force
1. Implement the IRWM Program.
2. Prepare an integrated watershed-wide water management plan.
3. Facilitate the development of new watershed solutions.
4. Maximize funding opportunities and policy influence.
1. Continued support from SAWPA commission of OWOW Steering Committee’s decision making authority
2. Active participation of a diverse group of stakeholders
3. Distribution of benefits across watershed in a fair and equitable fashion.
4. OWOW criteria and values are transparent to watershed-wide stakeholders.
5. A strong reputation and sufficient capacity within SAWPA staff
6. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
7. Successful implementation of an integrated regional water resource plan
8. Annual review the accomplishments and Plan implementation
9. Data and information needed for decision-making is available to all.
Basin Monitoring Program Task Force
SAWPA authorized agreement in 2004

**Benefits**

- Regional support in reducing regulatory compliance for 20 agencies by $10-$99 million in avoided WWTP desalting according to TIN TDS Study final report

**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

**Budget:**

- $397,807 (FYE 2018)
- $272,866 (FYE 2019)

**Total FTE:**

- 0.18

**Funding Source:**

- Task Force Agency Contributions
<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</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>
Deliverables & Outcomes

• Improved salinity management in watershed
• Regional Board views Task Force as a clearinghouse for all TDS and nitrate related issues in watershed which resolve conflicts and allow for efficiencies
• 2016-17 groundwater quality update and new SAR Wasteload Allocation will be conducted 2017-2018
• Implement Basin Plan Amendments for SAR Wasteload Allocation – early 2017 as required by the Regional Board
• Revisions to Basin Plan to accommodate drought impacts – 2017
• Updating regulations to accommodate continuance of flows in SAR benefiting downstream recharge of high quality flows – 2017
• New Drought Policy working with So Cal Salinity Coalition
Regional Water Quality Monitoring Program
Task Force
SAWPA authorized agreement in 2016

**Benefits**
- Allows some channels to be delisted for recreation and refocuses monies where recreation occurs
- Allows regional treatment options
- Avoided compliance costs of approximately $1-2 billion per county according to Task Force Economic Study

**Description**
- Evaluated stormwater quality standards for cost efficiency and applicability
- OC Flood Control, Riverside County Flood Control and Water Conservation District and San Bernardino County Flood Control, Regional Board, SAWPA

<table>
<thead>
<tr>
<th>Budget:</th>
<th>$326,550 (FYE 2018)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$331,757 (FYE 2019)</td>
</tr>
<tr>
<td>Total FTE:</td>
<td>0.10</td>
</tr>
<tr>
<td>Funding Source:</td>
<td>Task Force Agency Contributions</td>
</tr>
</tbody>
</table>
Deliverables & Outcomes

• New Regional Water Quality Monitoring Program Task Force approved in October 2016.
• New agreement reflects collaboration among three flood control agencies to implement monitoring program as required in Regional Board Basin Plan
• Improved coordination and lower costs for pathogen monitoring across watershed
• Greater strides to delisting river and tributaries as impaired water bodies by Regional Board
Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) Administration
SAWPA authorized agrmt in 2000

Benefits

- Healthy lake – no “major” fish kills
- Reduced overhead cost to SAWPA

Description

- SAWPA is the administrator of the LESJWA JPA
  - All management, meeting agendas, memos, minutes, audit, etc.
- Constructs projects that benefit Lake Elsinore, Canyon Lake, and upper watershed water quality
- Provides staff support to Lake Elsinore and Canyon Lake Nutrient TMDL Task Force

Budget:

<table>
<thead>
<tr>
<th></th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total FTE</td>
<td>0.15</td>
<td></td>
</tr>
</tbody>
</table>

Funding Source:

- LESJWA Member Agency Contributions
Deliverables & Outcomes

- LESJWA serves as the legal authorizing agency for the LE/CL TMDL Task Force. All work contracts of task force must go through LESJWA for authorization and contracting
- Watershed approach to improving lakes quality
- Economic benefit to community along with improved image
- Improved cooperation among local agencies
- All local agencies pitched in more to make LESJWA financially sustainable for future
- Based on successful implementation of LESJWA Business Plan, adequate revenue by member agencies to meet expenses exists and sustainable for the foreseeable future
Lake Elsinore and Canyon Lake Nutrient TMDL
SAWPA/LESJWA authorized agreement in 2004

Benefits

• Healthier lakes and tributaries providing millions in benefit to economy

• Surface Water Quality Improvement

• Reduction on compliance costs for agencies in watershed by 0.5-$2 billion according to MS4 Nutrient Reduction Plan

Description

• Addresses water quality impairments at Lake Elsinore and Canyon Lake Nutrient through Total Maximum Daily Load (TMDL) Task Force
  – Nutrients, DO, chlorophyll a

Budget:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYE 2018</td>
<td>$615,435</td>
</tr>
<tr>
<td>FYE 2019</td>
<td>$519,900</td>
</tr>
</tbody>
</table>

Total FTE: 0.28

Funding Source:
Task Force Agency Contributions and OWOW Grant
Lake Elsinore/Canyon Lake Nutrient TMDL Task Force

- March Air Reserve Base
- March JPA
- State of California
  - Santa Ana Regional Water Quality Control Board
  - Department of Fish and Game
  - Department of Transportation
- County of Riverside
- Riverside County Flood Control District
- Cities
  - Beaumont
  - Valley Lake
  - Moreno Valley
  - Riverside
  - Hemet
  - Murrieta
  - San Jacinto
  - Menifee
  - Wildomar
- Water Agencies:
  - Eastern Municipal Water District
  - Elsinore Valley Municipal Water District
  - Lake Elsinore and San Jacinto Watersheds Authority
- Western Riverside County Agricultural Coalition
  - Dairy Operators
  - Agricultural Operators (Over 475)
Deliverables & Outcomes

- Successfully implemented major lake projects that meet many of the water quality compliance targets
- Viewed as an effective collaboration among cities, counties, state, federal, agricultural and dairies
- Positive relationship with LESJWA JPA Board
- TMDL Revision will be undertaken to reflect updated runoff data, new modeling studies, regulations and policies - $800,000 over next three years for Lake Elsinore/Canyon Lake
- Planning and support for continued alum application at Canyon Lake
- New operation agreement on Lake Elsinore aeration system to include more parties
Middle Santa Ana River Pathogen TMDL Task Force

SAWPA authorized agreement in 2004

**Benefits**

- Healthier river and tributaries resulting in less red tape to implement water resource projects
- Surface Water Quality Improvement
- Reduction on compliance costs for agencies in watershed by $2 billion according to MS4 Bacteria Reduction Plan

**Description**

Addresses water quality impairment to Santa Ana River and its tributaries in the Chino Basin area known as the Middle Santa Ana River watershed - pathogens

**Budget:**

- $202,441 (FYE 2018)
- $202,342 (FYE 2019)

**Total FTE:** 0.08

**Funding Source:** Task Force Agency Contributions
Middle Santa Ana River Pathogen TMDL Task Force Agencies

- San Bernardino County
- County of Riverside
- City of Riverside
- City of Corona
- City of Norco
- City of Eastvale
- City of Jurupa Valley
- Agricultural Coalition
- City of Pomona
- City of Claremont
Deliverables & Outcomes

- Successfully implemented pathogen source control projects that have significantly reduced pathogen counts in several tributaries.
- Viewed as an effective collaboration among cities, counties, state, federal, agricultural and dairies.
- TMDL revision is scheduled in FY 2017 will update land use change, runoff factors and pathogen regulations.
- Reduced costs in $ tens of thousands per year by merging existing pathogen monitoring under new required stormwater monitoring program.
Santa Ana Fish Conservation Team
SAWPA authorized Santa Ana Fish Conservation Team Agmt - 2011

**Benefits**
- Assists local agencies in recharge and flood maintenance activities in continuing work
- Regional support for environmental assets and mitigation opportunities

**Description**
- Santa Ana River Fish Conservation Task Force
  - Collaboration among local, State and Federal agencies
  - Habitat and population monitoring – Riverwalk
  - Supports good will with water resource agencies

**Budget:**
- $45,798 (FYE 2018)
- $99,609 (FYE 2019)

**Total FTE:**
- 0.08

**Funding Source:**
- Task Force Agency Contributions, Reg Board funds, USFWS funds, Mitigation Credit Sales
Deliverable & Outcomes

• Obtained SEP grant funding ($62K) from Regional Board and US Fish and Wildlife ($37K) for sucker habitat project
• Fish Conservation Team is viewed as successful example of collaboration and voluntary monitoring by State and Federal Fish and Wildlife agencies.
• Habitat restoration project in the Santa Ana River for Santa Ana Sucker river will be implemented upon ACOE and Regional Board permitting – increasing Sucker habitat and populations
• Continue Riverwalk and Arundo removal through mitigation bank revenue - annually
• Coordinates with Santa Ana Sucker Habitat Conservation Planning
Emerging Constituents (EC) Program
Task Force
SAWPA authorized TF agreement - 2012

Benefits
- Alternative to new regulation for recharge saving
- $100,000/yr in avoided long term EC monitoring costs
- Better regional evaluation of ECs which drove ability to frame discussion on ECs at State level to our benefit
- Corrects misinformed media exposure through outreach

Description
- Complies with Regional Board Resolution under Cooperative Agreement for Imported Water Recharge
- Completed 2010-2013 Annual Sampling reports for emerging constituents
- Implements safe tap water public outreach program based on SAWPA commission direction to respond to Environmental Working Group misinformation

Budget:
- $40,138 (FYE 2018)
- $40,291 (FYE 2019)

Total FTE: 0.08

Funding: Task Force Agency

Source: Contributions
Emerging Constituents Task Force

- SAWPA Member Agencies
- Water Retailers
- Wastewater Treatment Operators
- Regional Board Staff
- CDPH Staff
- USGS Staff
- Analytical Lab Staff
- NWRI Staff
- Environmental NGOs
Deliverables & Outcomes

• Annual EC monitoring reports 2010-2013 provided important data and information to guide SWRCB Blue Ribbon Panel on required EC monitoring constituents – reduced number of ECs (100s) down to seven saving over $100,000/yr watershed wide in reduced monitoring

• Preparations for new EC sampling may be occurring soon

• Your So Cal Tap Water water blog and other social media on drinking water safety are expected to continue provide value in responding to misinformation by EWG and media- annually
Imported Water Recharge Workgroup

SAWPA authorized Cooperative Agreement – 1-18-08

**Benefits:**
- Allows recharge of imported water including Colorado River Water and State Project Water
- Avoids $10-20 million in long term regulatory compliance costs and legal costs
- SAWPA facilitated resolution
- Allowed about 1/3 of watershed water supply or 514,000 AFY to continue to be used in watershed

**Description**
- Groundwater rechargers developed more flexible non-regulatory approach to salt compliance
- Cooperative Agreement approved by Regional Board as alternative to new regulation impacting imported water recharge

**Budget:**
- **Total FTE:** 0.03
- **Funding Source:** Workgroup Contributions
- **Budget:**
  - $7,085 (FYE 2018)
  - $9,947 (FYE 2019)
Imported Water Recharge and Salinity Management Workgroup

- Santa Ana Regional Water Quality Control Board
- Eastern Municipal Water District
- Orange County Water District
- Western Municipal Water District
- San Bernardino Valley Municipal Water District
- San Gorgonio Pass Water Agency
- Elsinore Valley Municipal Water District
- City of Riverside
- City of Corona
- City of San Bernardino Water Department
Deliverables & Outcomes

• Amount of imported water recharge and quality are now reported every 3 years allowing monitoring of salt loads

• A projection of groundwater water quality for the next 20 years using projection modeling through a cascading approach down watershed

• Six year cycle of groundwater projections modeling will be complete in 2016 and then start again in 2017. Enables determination of any salinity trends in groundwater basins

• Administration is funded each year to support agreement and deliverables to Regional Board
Benefits

• Assists local agencies in recharge and flood maintenance activities in continuing work
• Increased water flow for recharge by Arundo removal
• Regional support for environmental assets and mitigation opportunities

Description

• Develops and funds small habitat restoration projects
• Maintains restored habitat funded by Prop 13 Water Bond

Budget:

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYE 2018</td>
<td>$69,148</td>
</tr>
<tr>
<td>FYE 2019</td>
<td>$175,263</td>
</tr>
</tbody>
</table>

Total FTE: 0.09

Funding Source: Mitigation Credit Sales
Deliverable & Outcomes

• 100s of additional acres of Arundo removal and maintenance conducted which provides more water to flow downstream
• Create new environmental habitat along Santa Ana River and its tributaries
• Continue Arundo removal through mitigation bank revenue – annually
• Provides opportunity for water agencies and land developers to purchase mitigations credits accepted by environmental regulatory agencies
Forest First
SAWPA signed MOU with Forest Service - 2011

Benefits
• US Forest Service as institutionalized SAWPA relationship as a template for others in the State.
• Protection of water quality by reducing catastrophic fires
• Release of more water to downstream via the river and tributaries
• Reduces debris flows to downstream recharge basins
• Promotes interagency cooperation with local and Federal agency

Description
Implement support to US Forest Service and SAWPA Agreement. Quarterly meetings among Forest Service, water recharge and flood control agencies to support future projects and grant applications

Budget:

<table>
<thead>
<tr>
<th>Source</th>
<th>FYE 2018</th>
<th>FYE 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total FTE:</td>
<td>$103,842</td>
<td>$102,029</td>
</tr>
</tbody>
</table>

Funding Source: Outside agencies
Deliverables & Outcomes

• Initial cost benefit studies have been completed for forest management
• Support provided which engendered grant application from Forest Service under Prop 84 Round 2
• A new task force composed of flood control management and water recharge agencies is anticipated in 2017.
• High intensity flood events are minimized through more forest rainfall adsorption
• Improved water efficiency, better water quality, reduced compliance costs, conflict resolutions through forest management