Appendix C

Budget Summary

Public Draft
2013 Monitoring and Analysis Plan

SAN JOAQUIN RIVER
RESTORATION PROGRAM
### Table C-1.
#### Study Budget for 2013

<table>
<thead>
<tr>
<th>2013 MAP Appendix A Study</th>
<th>Study</th>
<th>2013 Costs</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Flow Gage Record Analysis</td>
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<tr>
<td>2</td>
<td>Lateral Gradient of Water Table</td>
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<tr>
<td>3</td>
<td>Changes in Salinity Conditions Resulting from Interim Flows</td>
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<tr>
<td>4</td>
<td>Influence of Paleochannels on Seepage</td>
<td>$60,000</td>
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<tr>
<td>5</td>
<td>Temperature Monitoring of the Cold Water Pool in Millerton Lake</td>
<td>$70,000</td>
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<td>6</td>
<td>Trap and Haul of Adult Fall Run Chinook</td>
<td>$237,108</td>
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<td>7</td>
<td>Juvenile Salmon Holding</td>
<td>$79,716</td>
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<td>8</td>
<td>Egg Survival (Fall 2012)</td>
<td>$128,556</td>
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<td>9</td>
<td>Fish Assemblage Inventory and Monitoring</td>
<td>$504,300</td>
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<td>10</td>
<td>Juvenile Salmonid Migration and Survival (Year 3 - Telemetry)</td>
<td>$396,154</td>
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<td>11</td>
<td>Assessment of Predator Abundance and Distribution in Mine Pit Habitat in the San Joaquin River Restoration Area</td>
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<td>12</td>
<td>Captive Rearing Study (Year 3)</td>
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<td>13</td>
<td>Levee Geotechnical Exploration</td>
<td>State contribution</td>
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<td>14</td>
<td>Central Valley Steelhead (Oncorhynchus mykiss) Monitoring Plan for the San Joaquin River Restoration Program</td>
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<td>15</td>
<td>San Joaquin River PIT Tag Monitoring and Site-specific Technology Development</td>
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<td>16</td>
<td>Floodplain Quality</td>
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<td>17</td>
<td>Bed Material Data Processing and Evaluation</td>
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<td>18</td>
<td>Continuous Surrogate Measurement of Bedload Sediment Transport using Hydrophone Installations on the San Joaquin River, California</td>
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<tr>
<td>19</td>
<td>Two-Dimensional Temperature Monitoring of Gravel Pits in Reach 1A</td>
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<td>20</td>
<td>Adult Passage</td>
<td>State contribution</td>
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<td>21</td>
<td>USGS Sediment Monitoring</td>
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<td>22</td>
<td>USGS San Joaquin River Tributary Sediment and Geomorphology Study</td>
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<td>23</td>
<td>Vegetation Monitoring</td>
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<td>24</td>
<td>Additional Water Level Recorders</td>
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<td>25</td>
<td>Monitoring Cross-Section Resurveys</td>
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<td>26</td>
<td>Effect of Altered Flow Regime on Channel Morphology in Reach 1A</td>
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<td>Effect of Scour and Deposition on Incubation Habitat in Reach 1A</td>
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<td>Reach 1A Spawning Area Bed Mobility</td>
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<td>Thermal Conditions in Riverine Pools</td>
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**Key:**
- MAP = Monitoring and Analysis Plan
- PIT = passive integrated transponder
- USGS = U.S. Geological Survey
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