

**ATTACHMENT B**  
**Mitigation Measures and Monitoring Program**

Mitigation Measures	Timing of Implementation	Implementing Action	Responsible Party
<p><b>MITIGATION MEASURE BIO-1.</b> Stream flow monitoring. The project shall incorporate the following:</p> <ul style="list-style-type: none"> <li>○ Development of a rating curve to calibrate stream stage (water level) with stream flow at the location of the diversion screen.</li> <li>○ Continuous monitoring of stream stage (with float valve or similar device) to allow interruption of diversions if stream flow is not within operating standards.</li> </ul>	<p>Prior to operation.</p> <p>During operation</p>	<p>Measurement of stream stages over the range of operating flows (4.77 to 20 cfs)</p> <p>Monthly reports of stream flow (cfs) and pump operating conditions</p>	<p>SCWD Project Manager (approval and periodic inspections)</p> <p>Vendor monthly reports and operating records; SCWD Project Manager (verification and approval)</p>
<p><b>MITIGATION MEASURE BIO-2.</b> Diversion control. The project shall incorporate the following:</p> <ul style="list-style-type: none"> <li>○ Program the control system for low-flow cutoff of 6 cubic feet per second (cfs) stream flow at the point of diversion to allow minimum downstream flow of 4.77 cfs.</li> </ul>	<p>Prior to construction</p>	<p>Vendor equipment specifications and drawings</p>	<p>Vendor to provide equipment specifications and drawings; SCWD Project Manager (verification and approval)</p>
<ul style="list-style-type: none"> <li>○ Calibration of the control system for low-flow cutoff of 6 cubic feet per second (cfs) stream flow at the point of diversion to allow minimum downstream flow of 4.77 cfs.</li> </ul>	<p>Monthly during the first year of operation and quarterly thereafter</p>	<p>Calibration data sheets and records</p>	<p>Vendor monthly and quarterly reports; SCWD Project Manager (verification and approval)</p>
<ul style="list-style-type: none"> <li>○ Maintain diversion records to verify water diversion is less than 800,000 gpd.</li> </ul>	<p>During operation</p>	<p>Monthly reports of diversion flows</p>	<p>Vendor monthly reports and operating records; SCWD Project Manager (verification and approval)</p>
<ul style="list-style-type: none"> <li>○ Location, design, and installation of the diversion screen and pump in accordance with the Juvenile Fish Screen Criteria for Pump Intakes (NMFS 1996)</li> </ul>	<p>Prior to construction</p>	<p>Vendor equipment specifications and drawings</p>	<p>Vendor to provide specifications and drawings; SCWD Project Manager (verification and approval)</p>
<ul style="list-style-type: none"> <li>○ Development of a screen inspection and maintenance program to include documentation of inspections, maintenance require, and documentation of entrapment of aquatic resources.</li> </ul>	<p>Prior to construction</p>	<p>Written screen inspection and maintenance program</p>	<p>Vendor to provide maintenance program; SCWD Project Manager (verification and approval)</p>
<p><b>MITIGATION MEASURE BIO-3.</b> In-stream monitoring. The project shall incorporate the following:</p> <ul style="list-style-type: none"> <li>○ Conduct in-stream inspection at low flow conditions to determine if minimum downstream flows of 4.77 cfs lead to formation of ponds or development of isolated pools. Modify operating standards if operation of the diversion results in formation of ponds or development of isolated pools.</li> </ul>	<p>Annually during dry season.</p>	<p>Annual reports submitted to the CDFG</p>	<p>SCWD Project Manager</p>