Prairie Creek Life Cycle Monitoring Station

March 1, 2011

Final Project Report

Humboldt State University, Sponsored Programs Foundation
Agreement No. P0810315

Prepared for:
California Department of Fish and Game
Fisheries Restoration Grants Program

by
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California Cooperative Fish Research Unit
Humboldt State University
Arcata, CA 95521
Overview of project:
This project continued monitoring of juvenile, smolt and adult life stages of coho and Chinook salmon, steelhead and coastal cutthroat trout in the Prairie Creek sub-basin of Redwood Creek during June 2009 through March 2011.

Location Map:
Final Budget:

### DETAILED PROJECT BUDGET

**PROJECT NAME:** Prairie Creek Sub-basin Life Cycle Monitoring Project

<table>
<thead>
<tr>
<th>Level of Staff</th>
<th>Amount Requested</th>
<th>Applicant Amt. of Cost Share</th>
<th>Total</th>
<th>Actual Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior biologist</td>
<td>$27,997</td>
<td>$0</td>
<td>$27,997</td>
<td>$27,997</td>
</tr>
<tr>
<td>Graduate student</td>
<td>$53,760</td>
<td>$0</td>
<td>$53,760</td>
<td>$53,760</td>
</tr>
<tr>
<td>Technician</td>
<td>$594</td>
<td>$2,000</td>
<td>$594</td>
<td>$594</td>
</tr>
<tr>
<td></td>
<td>$18,144</td>
<td>$0</td>
<td>$18,144</td>
<td>$18,144</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$81,757</strong></td>
<td><strong>$21,000</strong></td>
<td><strong>$104,757</strong></td>
<td><strong>$104,757</strong></td>
</tr>
<tr>
<td>Staff Benefits @ 18 (max funded 31%)</td>
<td>$12,264</td>
<td>$0</td>
<td>$12,264</td>
<td>$2,188</td>
</tr>
<tr>
<td><strong>TOTAL PERSONNEL SERVICES</strong></td>
<td><strong>$94,021</strong></td>
<td><strong>$21,000</strong></td>
<td><strong>$117,021</strong></td>
<td><strong>$117,021</strong></td>
</tr>
</tbody>
</table>

**B. OPERATING EXPENSES**

<table>
<thead>
<tr>
<th>Materials and Supplies (indicate type of units)</th>
<th>Amount Requested</th>
<th>Applicant Amt. of Cost Share</th>
<th>Total</th>
<th>Actual Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscellaneous supplies</td>
<td>$594</td>
<td>$2,000</td>
<td>$594</td>
<td>$594</td>
</tr>
<tr>
<td>Travel</td>
<td>$18,144</td>
<td>$0</td>
<td>$18,144</td>
<td>$18,144</td>
</tr>
<tr>
<td><strong>Subtotals of Materials &amp; Supplies</strong></td>
<td><strong>$18,738</strong></td>
<td><strong>$2,000</strong></td>
<td><strong>$18,738</strong></td>
<td><strong>$18,738</strong></td>
</tr>
<tr>
<td><strong>TOTAL OPERATING EXPENSES</strong></td>
<td><strong>$18,738</strong></td>
<td><strong>$2,000</strong></td>
<td><strong>$18,738</strong></td>
<td><strong>$18,738</strong></td>
</tr>
</tbody>
</table>

**C. SUBTOTALS & ADMIN**

| Subtotal A + B (Personnel + Operating)         | $112,759         | $23,000                      | $135,759 | $135,759            |
| Administrative Overhead (max. 15%) @           | $16,914          | $0                           | $16,914  | $16,914             |
| **D. GRAND TOTAL**                             | **$129,673**     | **$23,000**                  | **$152,673** | **$152,523**        |

Final Manuscript:

Attached as MS Word file

Final Sampling Database:

Attached as MS Excel file

Data Compilations:

None
Other publications:
None

Performance Measures:

<table>
<thead>
<tr>
<th>Measure Category</th>
<th>Measure</th>
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</thead>
<tbody>
<tr>
<td>Overall stream length treated (miles, count one side of stream only)</td>
<td>N/A</td>
</tr>
<tr>
<td>Area (footprint) of instream features installed within bankfull channel (square feet)</td>
<td>N/A</td>
</tr>
<tr>
<td>Length of aquatic habitat disturbed (feet)</td>
<td>N/A</td>
</tr>
<tr>
<td>Watershed area monitored (acres)</td>
<td>14,200</td>
</tr>
<tr>
<td>Name of comprehensive monitoring strategy/program (text)</td>
<td>MD</td>
</tr>
<tr>
<td>Area of water monitored (square miles)</td>
<td>22.3</td>
</tr>
<tr>
<td>Length of stream monitored for adult salmonids (miles)</td>
<td>11.2</td>
</tr>
<tr>
<td>Length of stream monitored for salmonid smolt or fry (miles)</td>
<td>11.2</td>
</tr>
<tr>
<td>Length of stream monitored for biological indices (other than salmon) (miles)</td>
<td>N/A</td>
</tr>
<tr>
<td>Length of stream monitored for redds (miles)</td>
<td>11.2</td>
</tr>
<tr>
<td>Length of stream monitored for carcasses (miles)</td>
<td>11.2</td>
</tr>
<tr>
<td>Length of stream monitored for harvest (miles)</td>
<td>N/A</td>
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<tr>
<td>Area monitored for harvest (square miles)</td>
<td>N/A</td>
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<tr>
<td>Length of stream covered by test fishery (miles)</td>
<td>N/A</td>
</tr>
<tr>
<td>Area covered by test fishery (square miles)</td>
<td>N/A</td>
</tr>
<tr>
<td>Length of stream monitored for water quality (miles)</td>
<td>N/A</td>
</tr>
<tr>
<td>Length of stream monitored for water quantity (flow) (miles)</td>
<td>N/A</td>
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<tr>
<td>Area of ocean monitored (square miles)</td>
<td>N/A</td>
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<tr>
<td>Length of stream monitored for habitat condition (miles)</td>
<td>9.0</td>
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<tr>
<td>Area of watershed monitored for habitat condition (acres)</td>
<td>14,200</td>
</tr>
<tr>
<td>Length of stream in the intensively monitored watershed (miles)</td>
<td>N/A</td>
</tr>
<tr>
<td>Area of the intensively monitored watershed (acres)</td>
<td>N/A</td>
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<tr>
<td>Reports prepared on key management or restoration data (number)</td>
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<tr>
<td>Stream sites monitored (number)</td>
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<tr>
<td>Stream length monitored (miles)</td>
<td>N/A</td>
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<tr>
<td>Name of report prepared (text)</td>
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<tr>
<td>Number of cooperating organizations (number)</td>
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<tr>
<td>Name(s) of cooperating organizations (text)</td>
<td>N/A</td>
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<tr>
<td>Name of habitat restoration project complemented by this research/monitoring project (text)</td>
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</tr>
<tr>
<td>Name of plan or watershed assessment that identifies this research/monitoring project (text)</td>
<td>N/A</td>
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</tbody>
</table>

Photos:
None