Cache Slough Complex
Habitat Restoration

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ESA and CESA Permit Requirements for Aquatic Habitat Restoration

<table>
<thead>
<tr>
<th>2008 USFWS Biological Opinion</th>
<th>2009 NMFS Biological Opinion</th>
<th>Incidental Take Permit for Longfin Smelt</th>
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</thead>
<tbody>
<tr>
<td>RPA Component 4</td>
<td>Action Suite 1.6</td>
<td>Term 7.1</td>
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<tr>
<td>Restore 8,000 acres of tidal and sub-tidal habitat in Delta and Suisun Marsh</td>
<td>Liberty Is / Cache Slough / Yolo Bypass aquatic and floodplain habitat restoration</td>
<td>Restore 800 acres of tidal and sub-tidal habitat in Suisun Marsh</td>
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Goals:

• Provide native fish habitat;
• Enhance Delta food web productivity to support delta smelt and other delta species;
• Increase the amount and quality of salmon rearing and other fish habitat;
• Increase through-Delta survival of juvenile salmon by enhancing beneficial migratory pathways;
• Minimize impacts to adjacent landowners
PROSPECT ISLAND
LIBERTY ISLAND
Calhoun Cut – Lindsay Slough Restoration

Breach 1
Remove embankment, culvert and flap gate

Tidal blockage on Calhoun Cut
To encourage greater proportion of flow down historic Lindsey Slough channel

Breach 2
Remove levee and culvert

Channel connecting breach to pilot channel

Excavate pilot channel along historic Lindsey Slough

Location of causeway (excavate channel through causeway)