

HB WETLANDS CONCEPTUAL RESTORATION PLAN
DRAFT RESTORATION GOALS AND OBJECTIVES

Goal: To preserve, enhance and restore fish and wildlife habitat of a tidally-influenced ecosystem, while providing for ancillary water quality improvements and public interpretive opportunities.

Objectives:

1. Restore tidal influence throughout the site and improve tidal circulation.
2. Maximize salt marsh / tidal habitats with no net harm to threatened and endangered (T&E) species existing on site such as the Belding's Savannah Sparrow.
3. Increase saltwater-dependent ecosystem diversity and habitats for T&E species by:
 - Increasing areas of cordgrass;
 - Reinvigorating existing areas of pickleweed; and
 - Increasing areas of mudflat.
4. Rehabilitate the wetland/upland transition zone.
5. Maintain restored PCH dune habitat.
6. Maintain, and to the extent feasible, improve water quality in the existing hydraulic system including:
 - Capturing floating debris.
7. Provide public access consistent with project wildlife goals including:
 - Integrating the project with the Orange County River Park trail system.
 - Providing public educational and outreach opportunities.
8. Remove the Talbert Marsh sand bar and minimize its reformation to the extent feasible.
9. Minimize costs and efforts for long-term wetland operation and maintenance.
10. Phase implementation to accommodate constraints of land-ownership, funding, environmental conditions, etc.
11. Remediate or isolate any oil-related contaminants that may have ecological effects.
12. Do not aggravate existing conditions of:
 - Vectors;
 - Ocean and channel water quality;
 - Site contamination;
 - Scour effects on all of bridges; and
 - Flooding on adjacent properties.