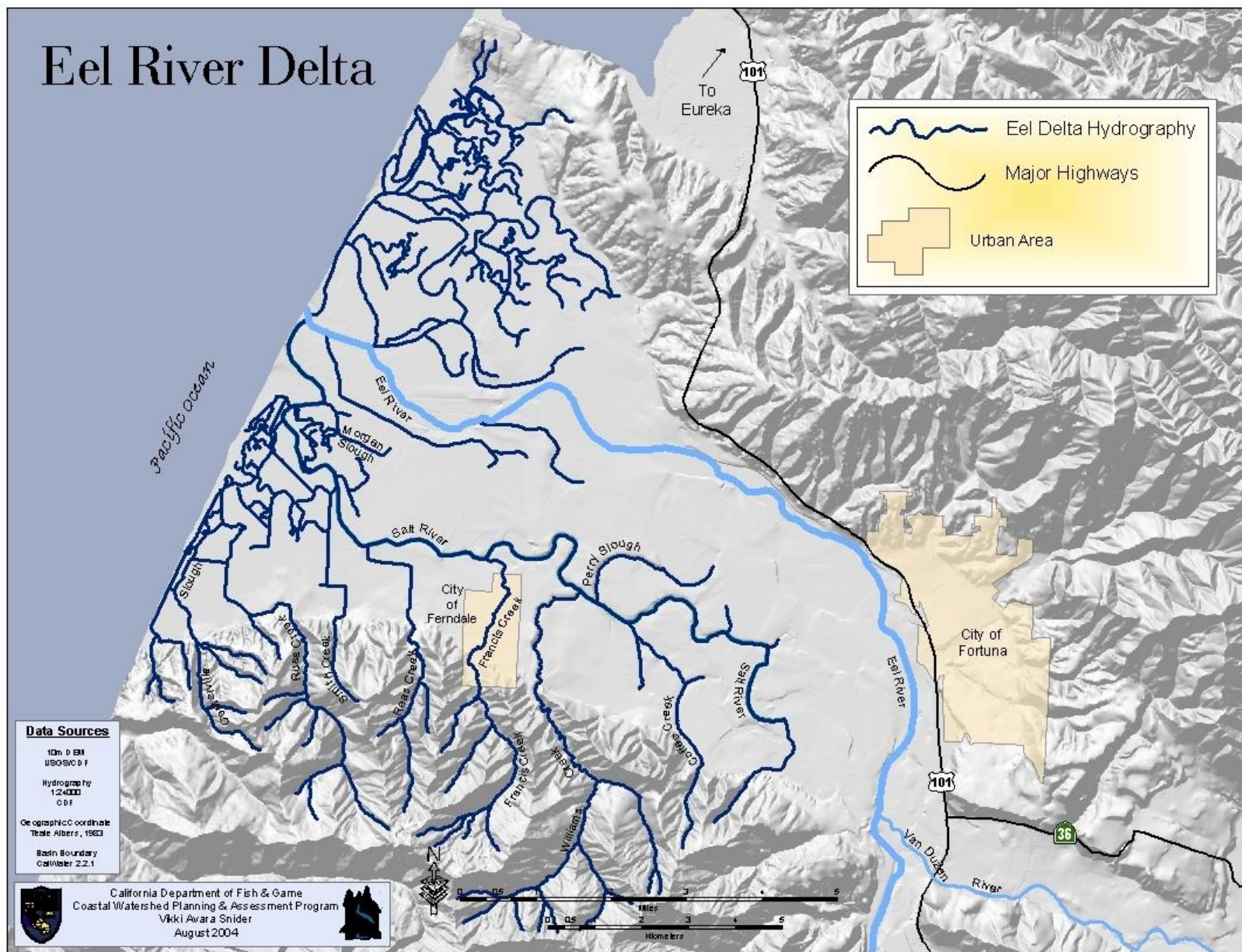


# Salt River Ecosystem Restoration Project - 2013



# Eel River Delta



# 25 Years of Outreach, Collaboration, Planning and Design

Eel River Conservation District (RCD) forms in response to sedimentation and flooding along the Salt River

## 1990's

Planning level surveys and studies are initiated

## 2007

- 440-acre Riverside Ranch is Acquired by Western Rivers Conservancy
- Salt River Watershed Assessment Completed

## 2010

- 100-Acre Floodplain Easement along Lower Francis Creek Facilitates Design Connection to Salt River.
- Initiate Monthly Regulatory Agency Working Group Meetings
- Salt River Watershed Council Forms

## 2006

Preliminary Planning & Feasibility Studies Initiated by NRCS, NMFS, KHE, County, HCRCD

## 2004

Salt River Advisory Group (SRAG) is Formed

## 2007

Project Receives substantial \$4.7M Grant Funding for Design and Implementation

1985

2000

2010



# 1870's – Salt River Shipping Industry



# 1880's – Reclamation of the Eel River Estuary

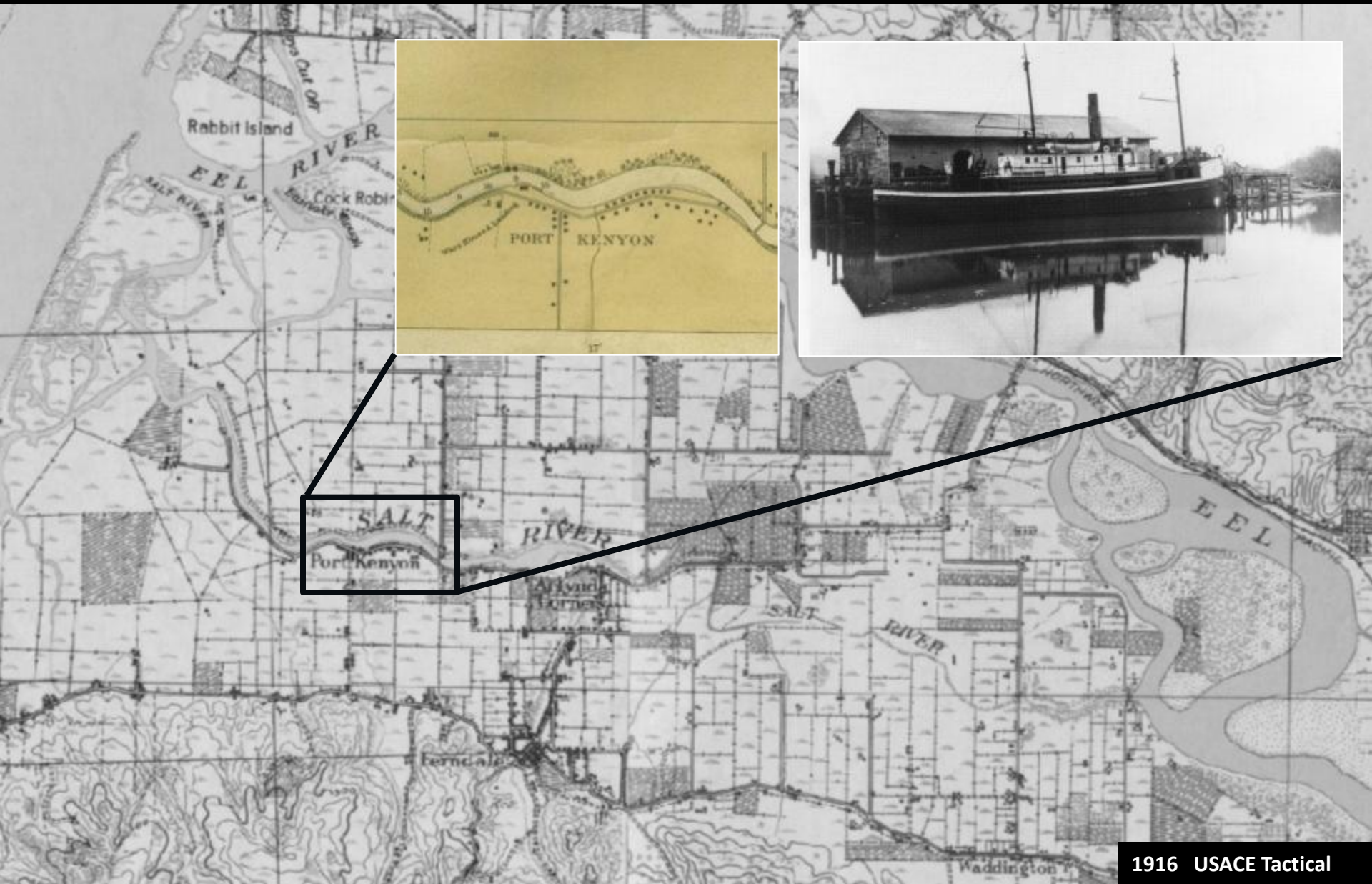
3,000  
acres of  
Tidal Land

Converted  
to Ag  
Land





# Salt River Timeline: Early 1900's



# Overall Project Goals

1. Rehabilitate the Salt River channel and adjacent riparian floodplain by increasing hydraulic conveyance and constructing habitat features that re-establish ecological processes beneficial to fish and other native species;
2. Restore historic estuarine habitat and tidal connectivity within the lower Salt River;
3. Improve water quality and drainage efficiency across the floodplain;
4. Manage excess sediment loads by maximizing fluvial and tidal channel sediment transport capacity;
5. Initiate a long-term corridor adaptive management process that maximizes ecological restoration success in a working landscape

# Hydrology Affected By:



- Rain Fall
- Erosive Sediment
- Anthropogenic Activities





2004



2012

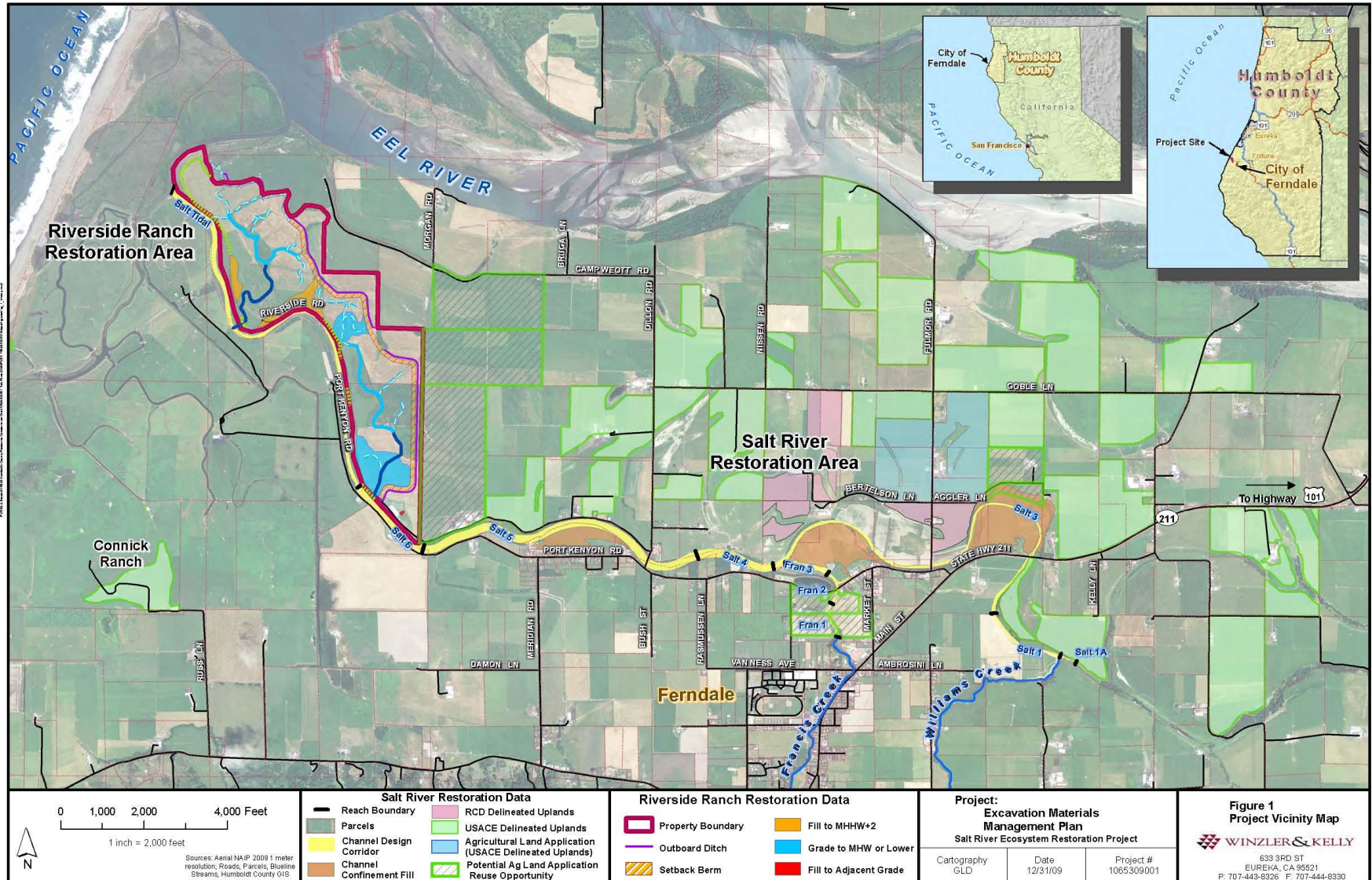


# Yesterday and Today

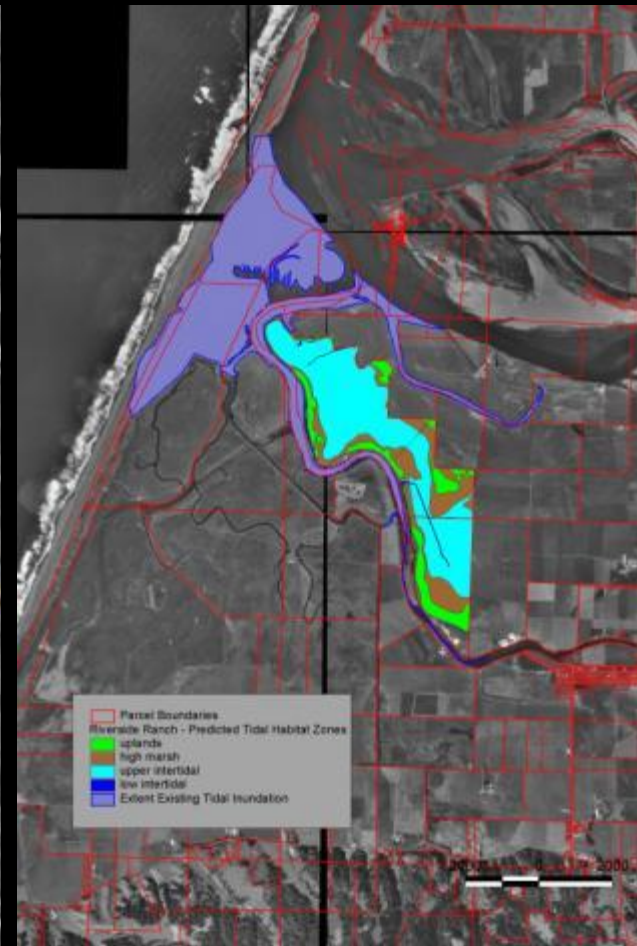
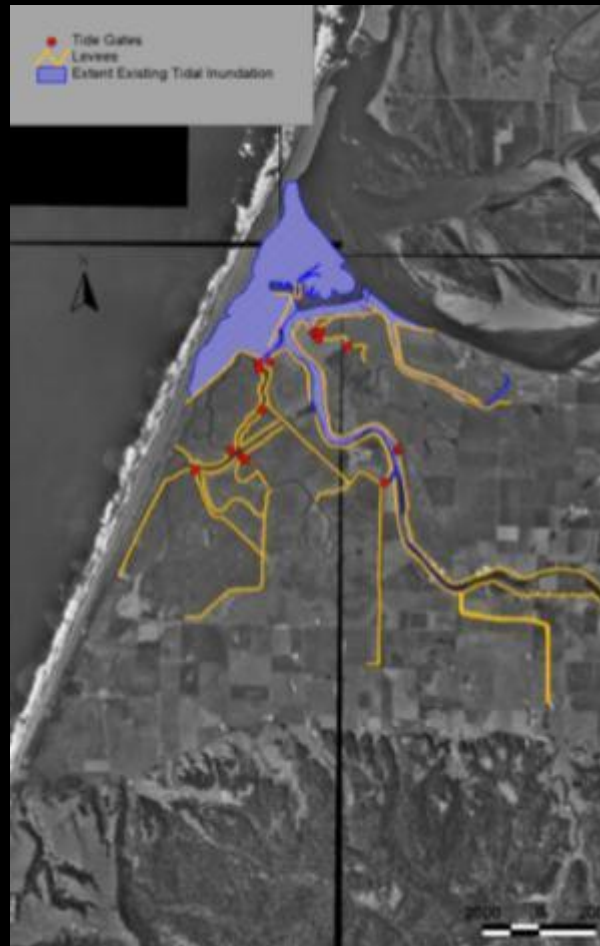
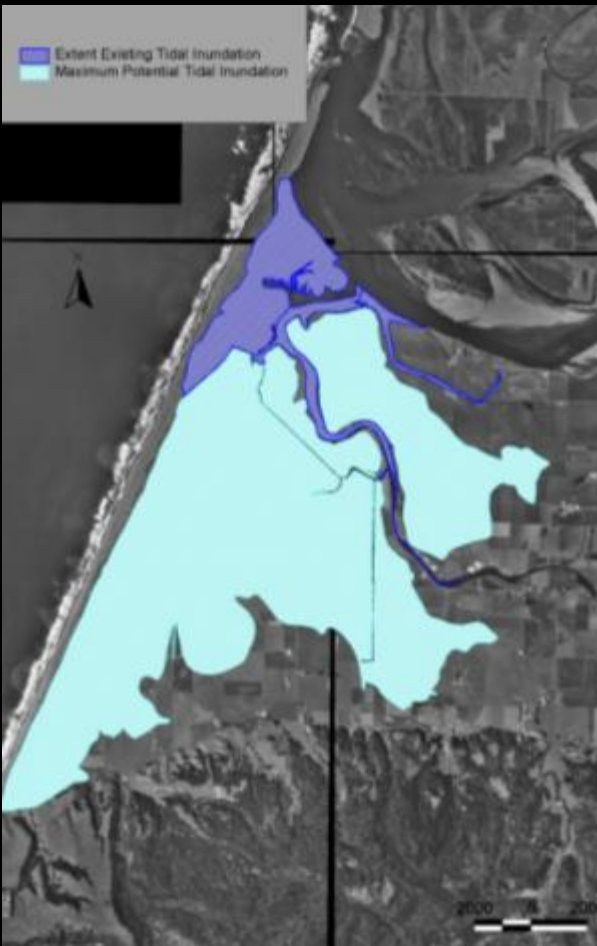




# Salt River Ecosystem Restoration Project

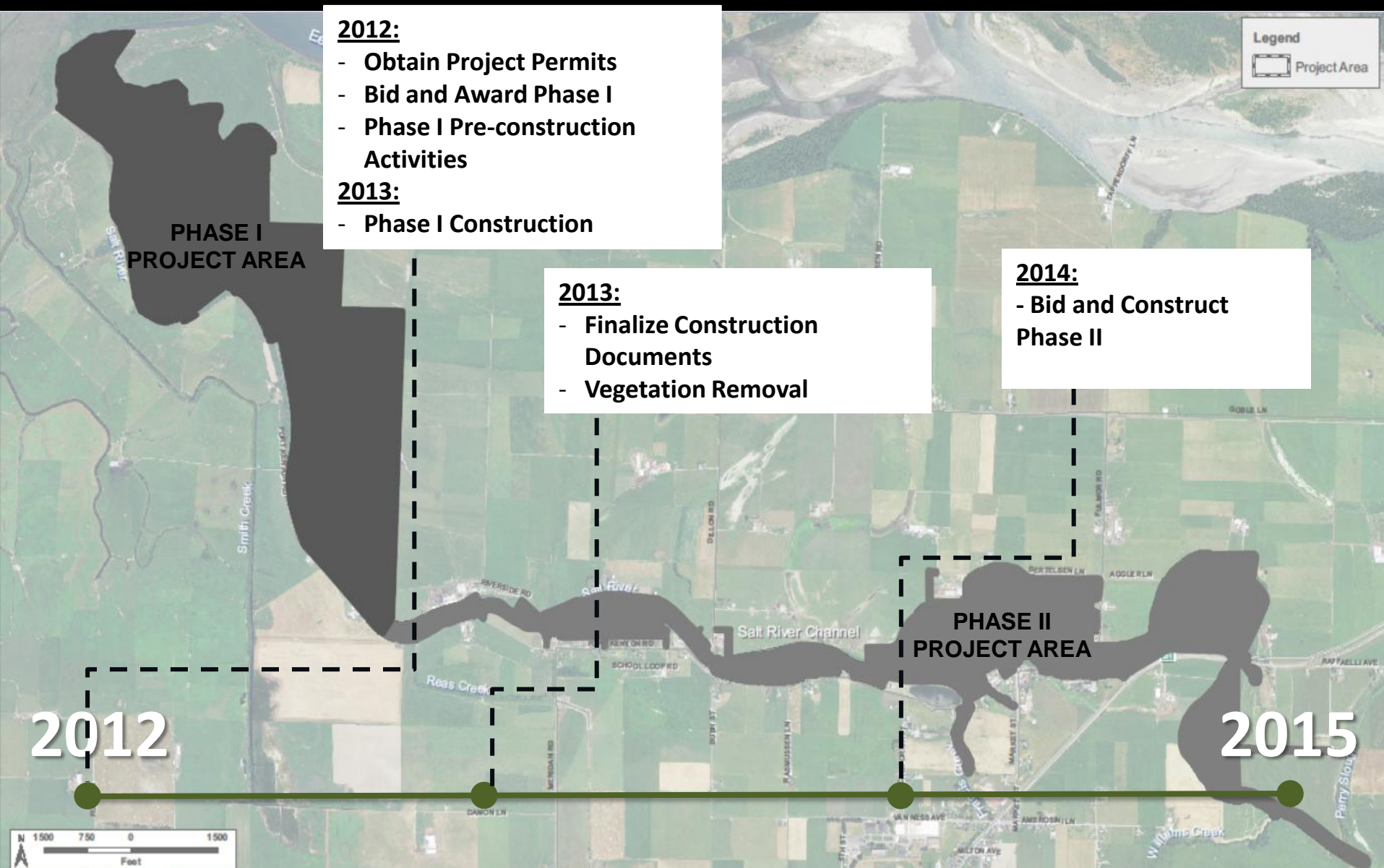


# Returning Land Back into Tidal Estuary





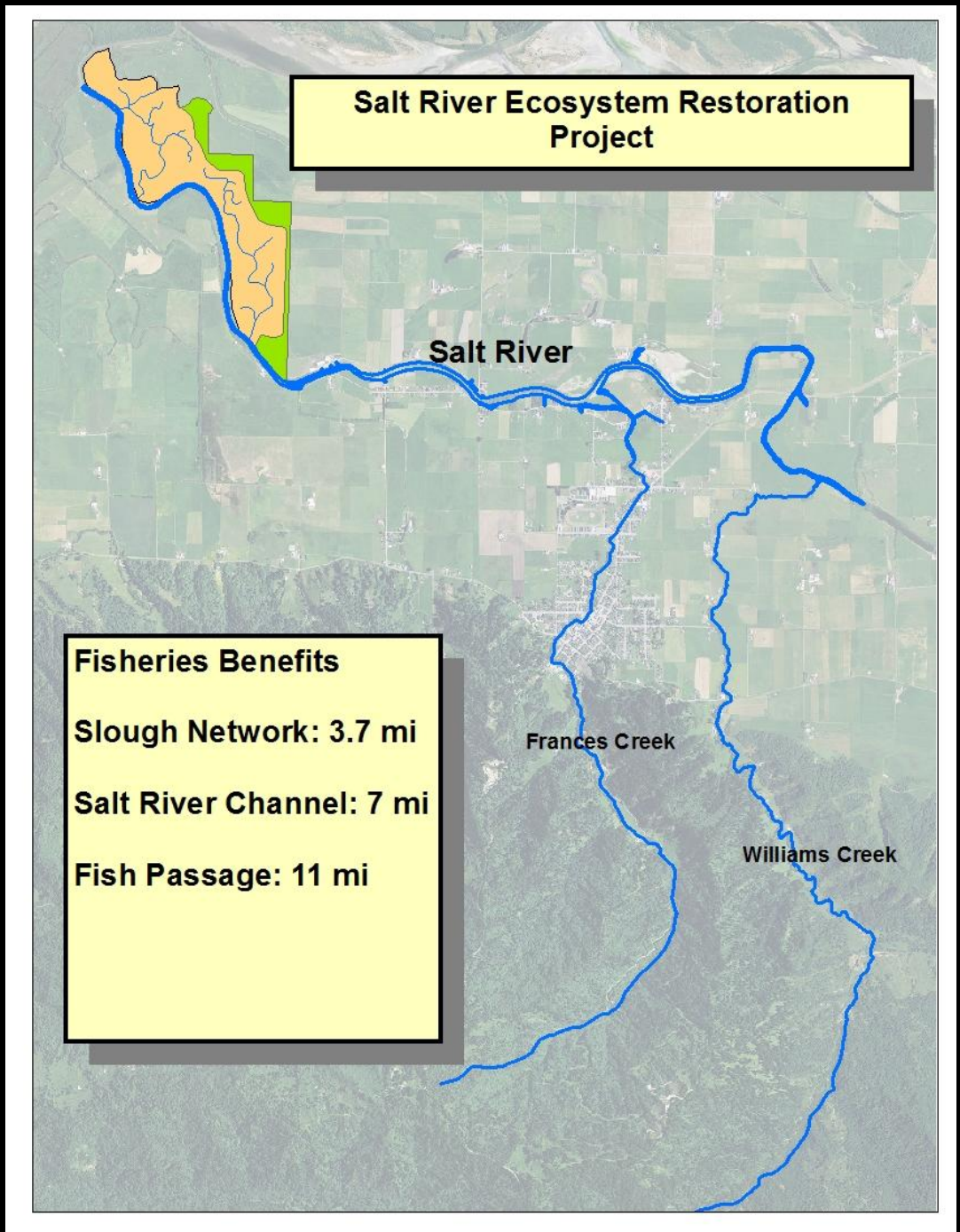
# Current Design and Implementation Status





Provides:

- Newly Created Estuary Habitat
- Increases Habitat Capacity
- Fish Passage to Historic Tributaries



# Phase 1

## Tidal Restoration

- 330 acres
- Slough Network

## Channel Restoration

- 2.5 miles

## Revegetation

- Tidal Marsh
- Riparian

