



DEPARTMENT OF  
**WATER RESOURCES**

# **FERC Licensing & Environmental**

- **Overview of FERC Project No. 2100**
- **Oroville Facilities Relicensing & Status**
- **Environmental Requirements**



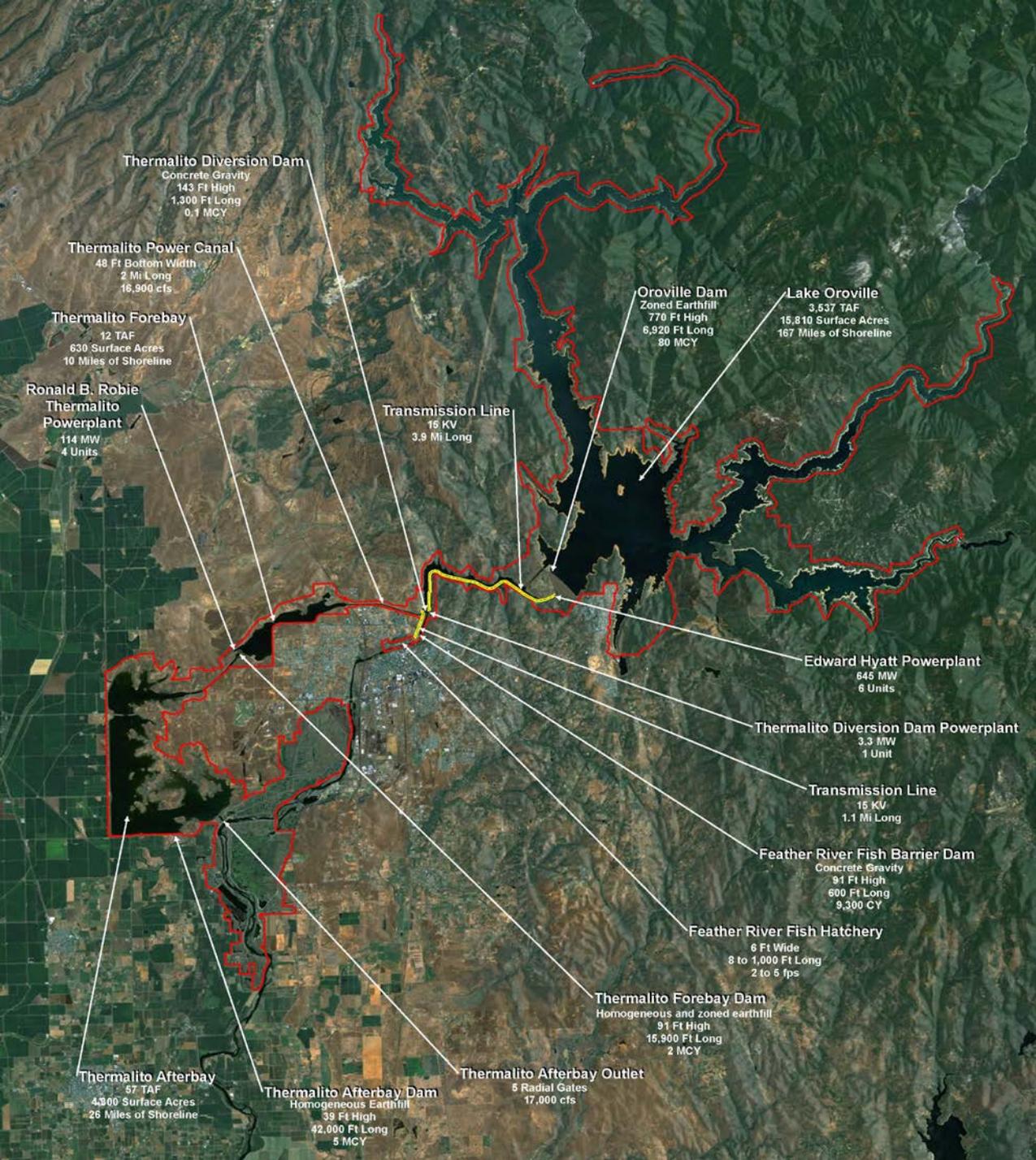
DEPARTMENT OF  
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# **FERC Project No. 2100 Oroville Facilities**

- **Original License Effective - February 1, 1957**
- **License Expired - January 31, 2007**
- **Total Capacity - 763 MW**
- **Order Amending License - January 22, 1964**
- **Order Amending License - August 6, 1968**

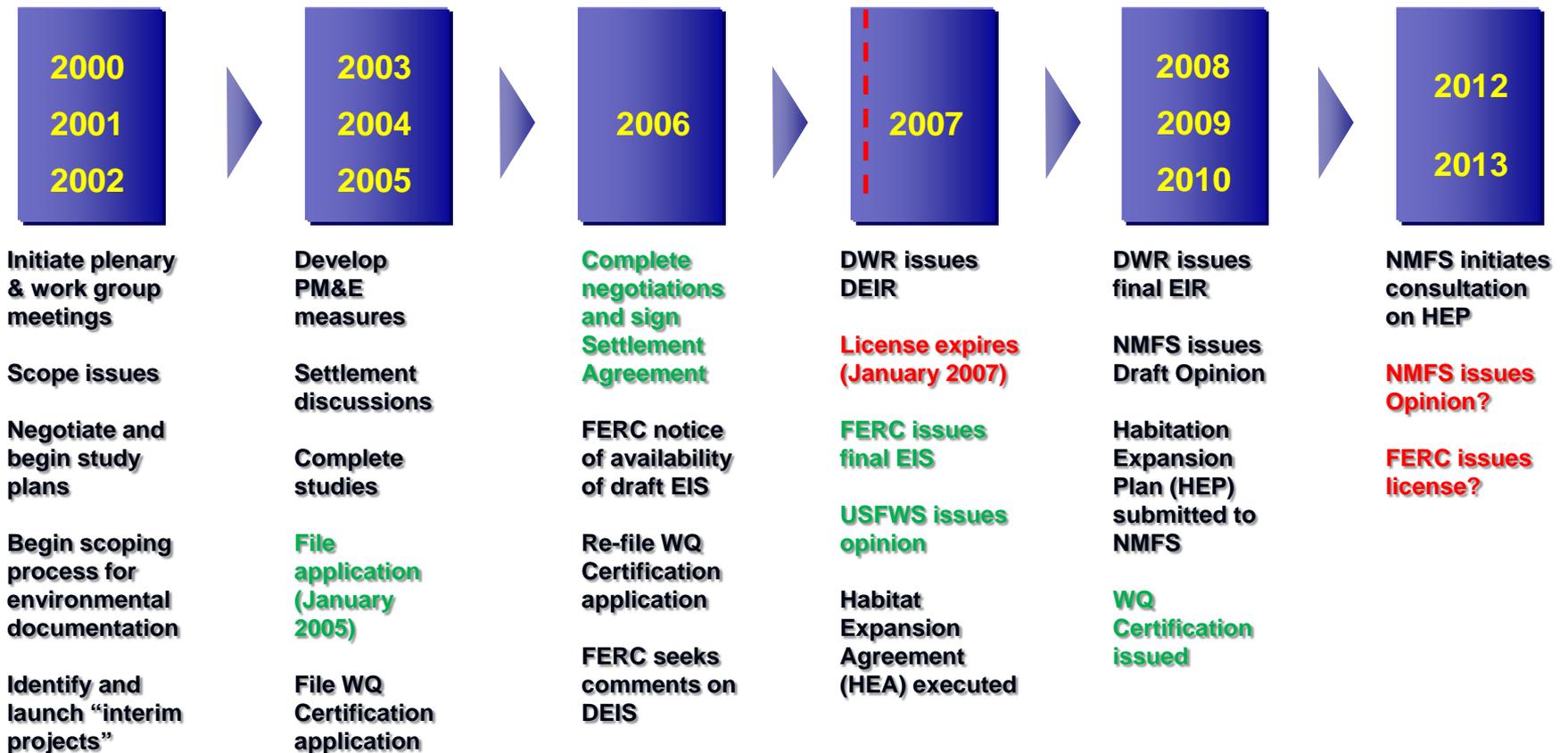
# FERC Project No. 2100

- Project Boundary
- Units of Development





# Oroville Facilities Relicensing





# Relicensing Settlement Agreement

## 53 Signatories

### Federal Agencies

NMFS

DOI (USFWS, NPS,  
BIA, BLM, USBR)

### State Agencies

DWR

DFG

DB/W

### Local Agencies

City of Oroville

Town of Paradise

Oroville Parks Commission

Oroville Redevelopment Agency

Oroville Economic Develop Corp.

Oroville Downtown Business Assoc.

Oroville Area Chamber of Commerce

Feather River Recreation/Park District

Oroville Rotary Club

Oroville Recreation Advisory  
Committee

### Kon Kow Valley Band of Maidu

### American Rivers

### 24 SWC Water Agencies

*(partial list)*

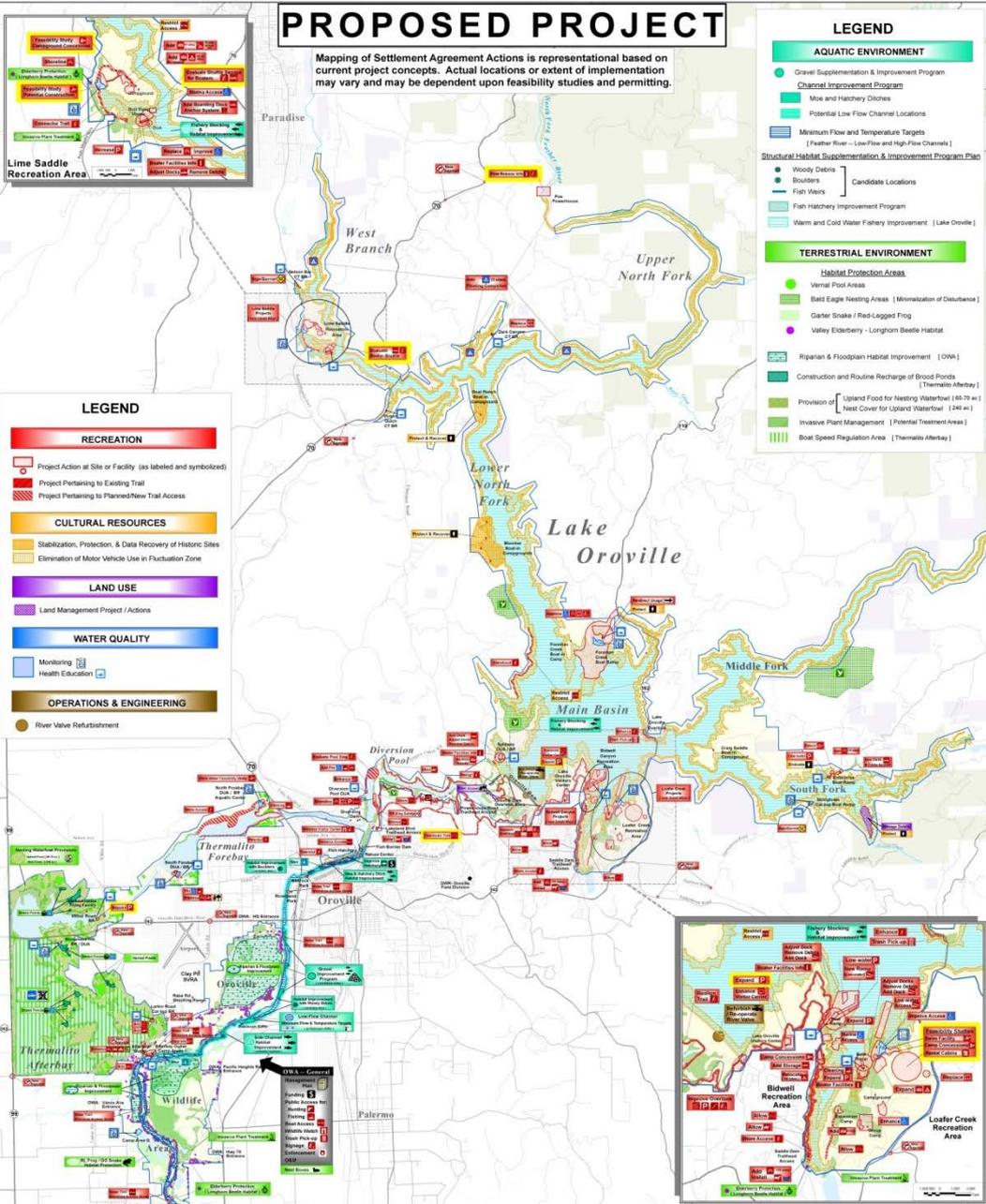


# Relicensing Settlement Agreement

- **Proposed License Conditions and Settlement Articles for 50-Year Term**
- **Estimated Cost ~ \$1 Billion (2006)**
  - **Land Use and Management ~ \$7 Million**
  - **Recreation ~ \$438 Million**
  - **Local Projects (SBF) ~ \$62 Million**
  - **Cultural Resources ~ \$77 Million**
  - **Environment ~ \$454 Million**

# PROPOSED PROJECT

Mapping of Settlement Agreement Actions is representational based on current project concepts. Actual locations or extent of implementation may vary and may be dependent upon feasibility studies and permitting.



### LEGEND

#### AQUATIC ENVIRONMENT

- Gravel Supplementation & Improvement Program
- Channel Improvement Program
- Moe and Hatchery Ditches
- Potential Low Flow Channel Locations
- Minimum Flow and Temperature Targets (Feather River - Low Flow and High-Flow Channels)

#### Structural Habitat Supplementation & Improvement Program Plan

- Woolly Delphin
- Boaters
- Fish Weirs
- Fish Hatchery Improvement Program
- Warm and Cold Water Fishery Improvement (Lake Oroville)

#### Candidate Locations

- Woolly Delphin
- Boaters
- Fish Weirs
- Fish Hatchery Improvement Program
- Warm and Cold Water Fishery Improvement (Lake Oroville)

#### TERRESTRIAL ENVIRONMENT

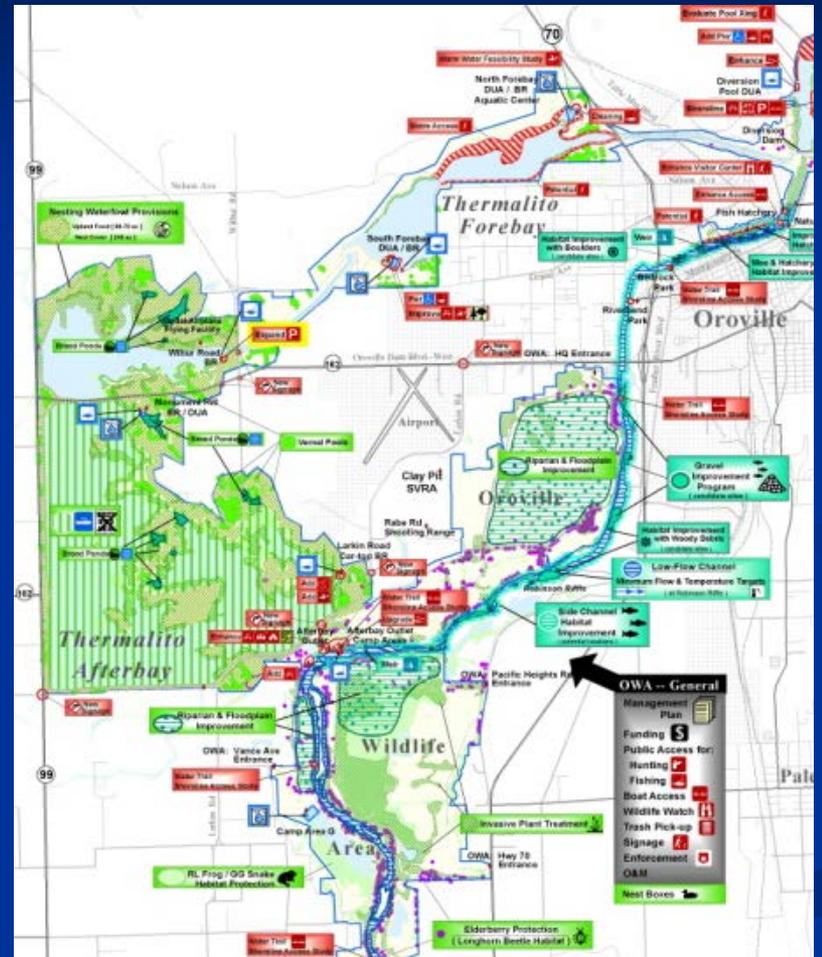
##### Habitat Protection Areas

- Vernal Pool Areas
- Bald Eagle Nesting Areas (Minimization of Disturbance)
- Garter Snake / Red-Legged Frog
- Valley Elderberry - Longhorn Beetle Habitat

##### Riparian & Floodplain Habitat Improvement (OWA)

- Construction and Routine Recharge of Brood Ponds (Thermalito Afterbay)
- Provision of Upland Food for Nesting Waterfowl (60-70 ac) Nest Cover for Upland Waterfowl (240 ac)
- Invasive Plant Management (Potential Treatment Areas)
- Boat Speed Regulation Area (Thermalito Afterbay)

# Proposed Project



### OWA - General Management Plan

- Funding
- Public Access for:
  - Hunting
  - Fishing
  - Boat Access
  - Wildlife Watch
  - Trash Pick-up
  - Signage
  - Enforcement
  - O&M
  - Nest Boxes

## PROJECTWIDE ACTIONS

<b>Cultural Resources</b> <ul style="list-style-type: none"> <li>Cultural Resources Consultation Group</li> <li>Historic Properties Signage Plan (Establishment, Protection &amp; Recovery)</li> <li>Native Plantings</li> <li>Signage Program</li> <li>Creation Facility Site Stewardship Program</li> </ul>	<b>Recreation</b> <ul style="list-style-type: none"> <li>Recreation Advisory Committee</li> <li>Recreation Management Plan RMP</li> <li>Water Trail Access Analysis</li> <li>Multi-Use/Quality Opportunity Feasibility Study</li> </ul>	<b>Aquatic Environment</b> <ul style="list-style-type: none"> <li>Habitat Improvement Plan</li> <li>Public Education on Fish Consumption</li> </ul>	<b>Water Quality</b> <ul style="list-style-type: none"> <li>Building Program (at all Settlement Areas)</li> <li>Public Education on Fish Consumption</li> </ul>	<b>Terrestrial Environment</b> <ul style="list-style-type: none"> <li>Ecological Committee</li> </ul>	<b>Land Use / Management</b> <ul style="list-style-type: none"> <li>Fuel Load Management Plan</li> <li>USFS Cooperation (Fire Road Access)</li> </ul>	<b>Operations &amp; Engineering</b> <ul style="list-style-type: none"> <li>Flood Warning System</li> <li>Gages for Flood Forecasting</li> <li>Temperature Modification Study</li> </ul>
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# Relicensing Other Items

- **Settlement with Rice Growers - May 2008**
- **Regional Fishery Habitat Expansion  
In Lieu of Fish Passage (HEA & HEP)**
  - **Alternative to FPA Section 18 Prescriptions**
- **CEQA Litigation**
  - **Court ruled in DWR's favor - June 2012**
  - **Appeal filed - August 2012**