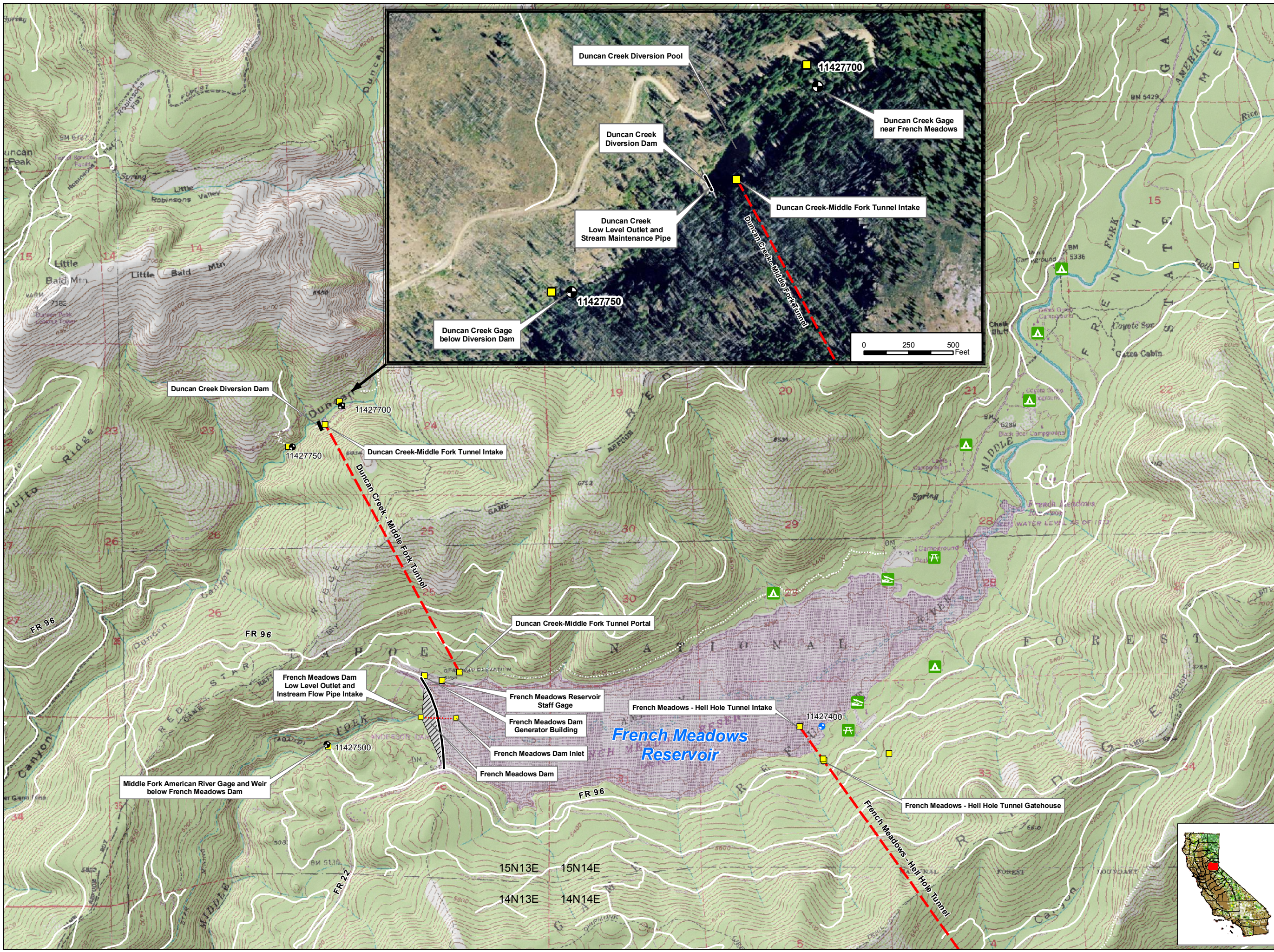


- Project Facilities**
- Powerhouse
 - Dam
 - Tunnel
 - Penstock
- Transportation**
- Major Road
 - Minor Road
- Hydrography**
- Watercourse
 - Water Body


PCWA
Placer County Water Agency
Middle Fork American River Project

Map AQ 7-1
Principal Project Facilities and Geographic Setting

Projection: CA State Plane, Zone 2
Datum: NAD 83
Date: 10/1/09



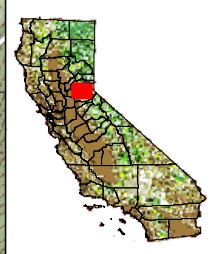
- PCWA Facilities and Features**
- Dam
 - Ancillary and Other Facilities
 - Powerhouse
 - Gage
 - Reservoir Gage
 - Penstock
 - Tunnel
 - Pipeline
- Transportation**
- Road
 - Trail
- Project Recreation Facilities**
- Picnic Area
 - Boat Ramp
 - Scenic Viewpoint
 - Developed Campground



Placer County Water Agency
Middle Fork American River Project

Map AQ 7-2

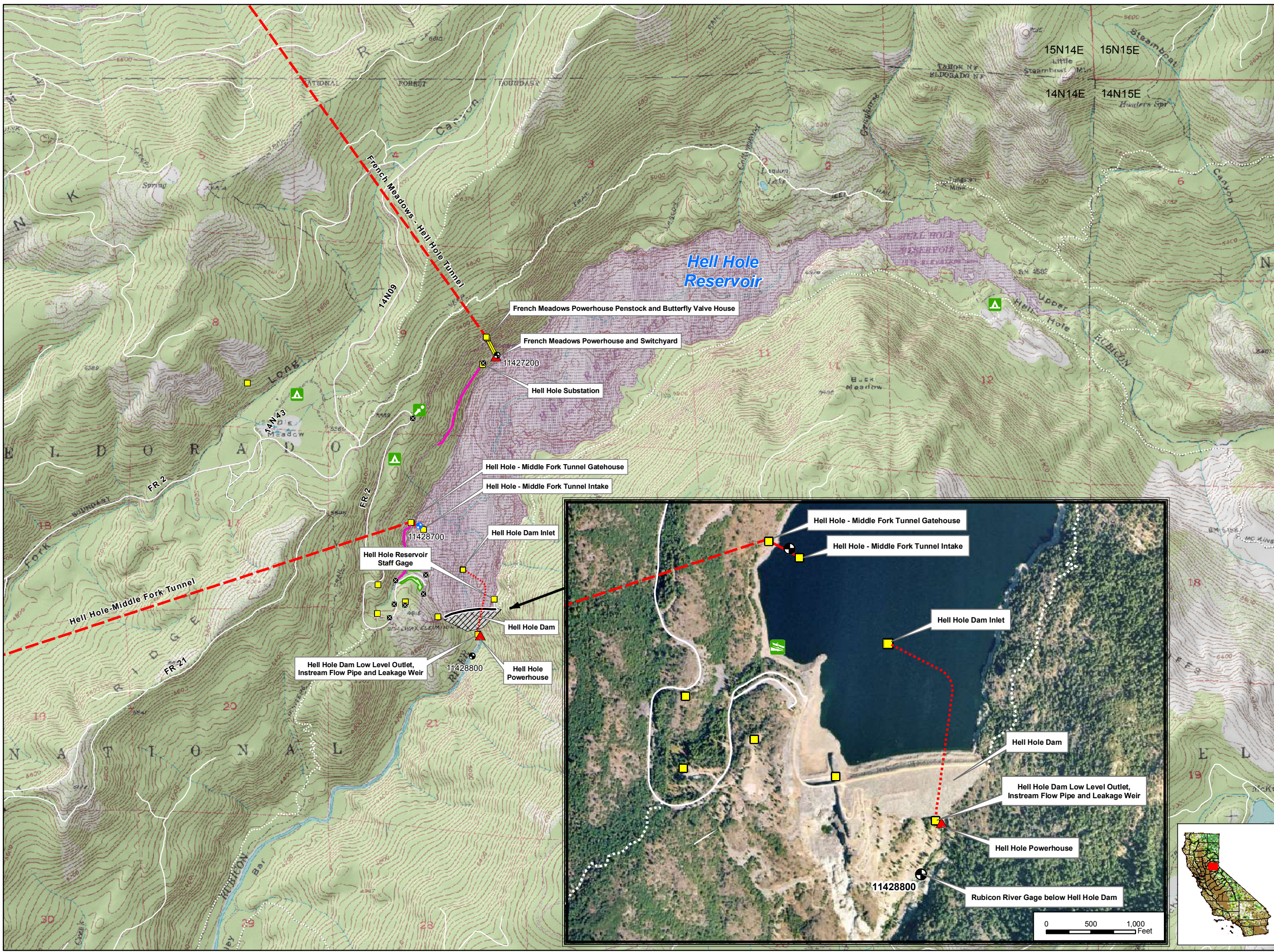
Duncan Creek, French Meadows Area




0 0.25 0.5 Miles

Projection: Ca. Stateplane, Zone 2
Datum: NAD 83

Date: 2/15/10



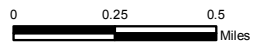
- PCWA Facilities and Features**
- Dam
 - Ancillary and Other Facilities
 - Powerhouse
 - Gage
 - Reservoir Gage
 - Penstock
 - Tunnel
 - Pipeline
- Transportation**
- Road
 - Trail
- Project Recreation Facilities**
- Picnic Area
 - Boat Ramp
 - Scenic Viewpoint
 - Developed Campground



Placer County Water Agency
Middle Fork American River Project

Map AQ 7-3

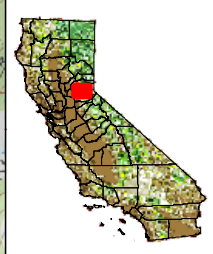
Hell Hole Reservoir Area

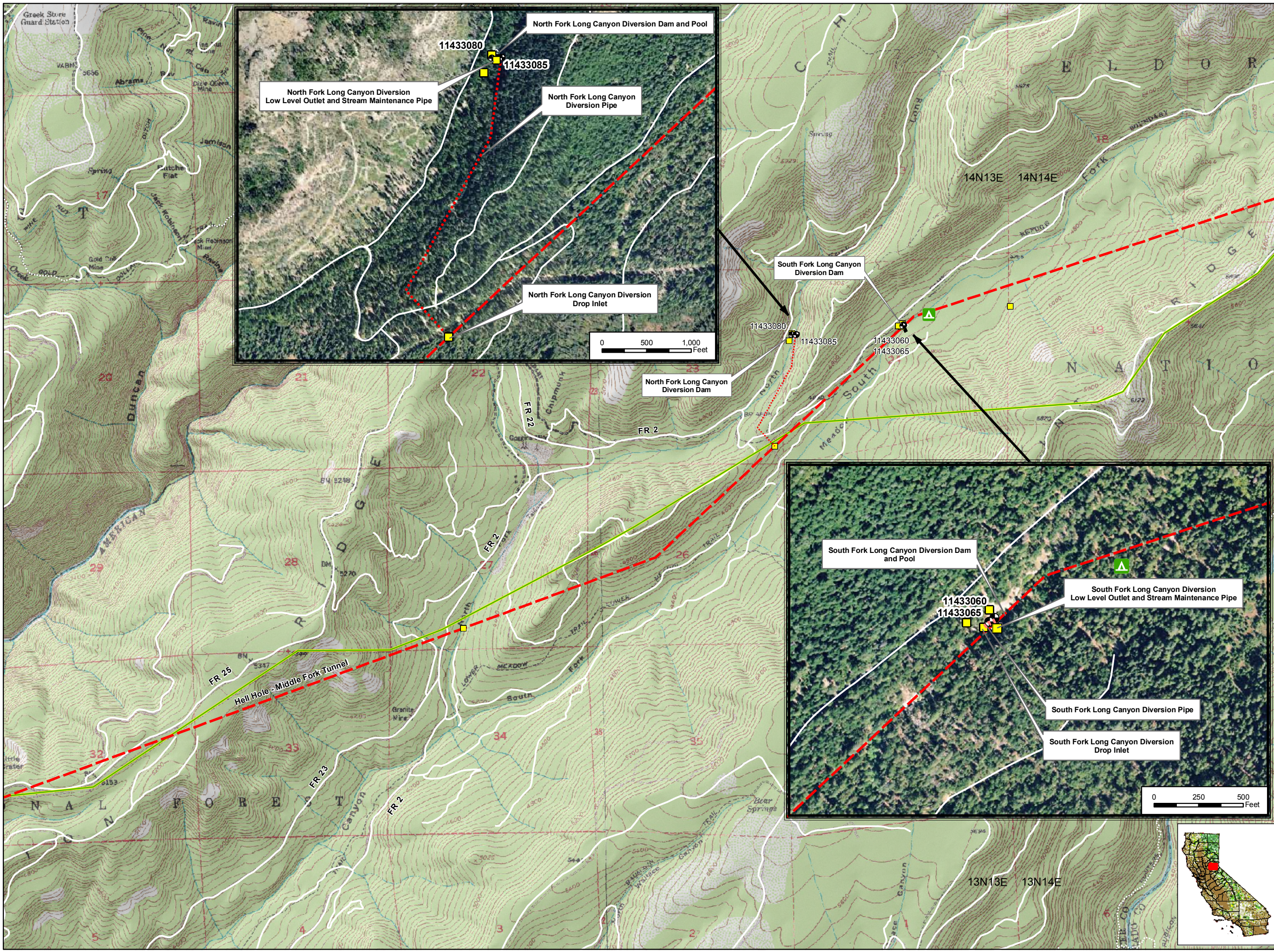


0 0.25 0.5
Miles

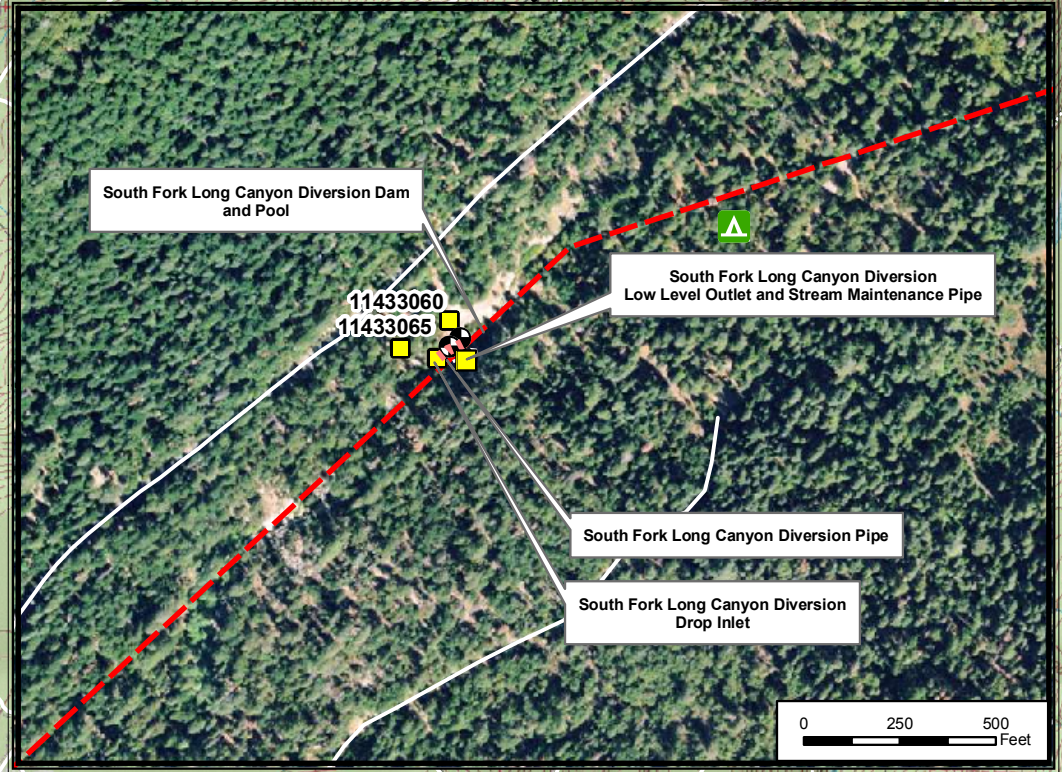
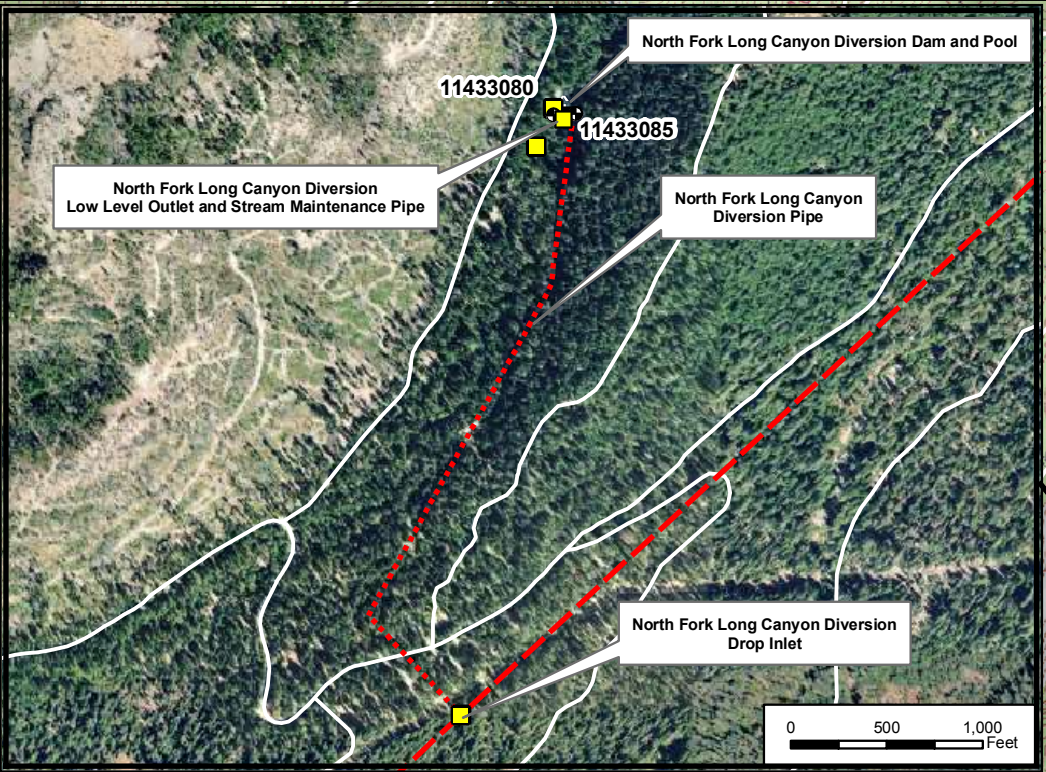
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83

Date: 2/16/11





- PCWA Facilities and Features**
- Dam
 - Ancillary and Other Facilities
 - Powerhouse
 - Gage
 - Reservoir Gage
 - Penstock
 - Tunnel
 - Pipeline
- Transportation**
- Road
 - Trail
- Project Recreation Facilities**
- Picnic Area
 - Boat Ramp
 - Scenic Viewpoint
 - Developed Campground



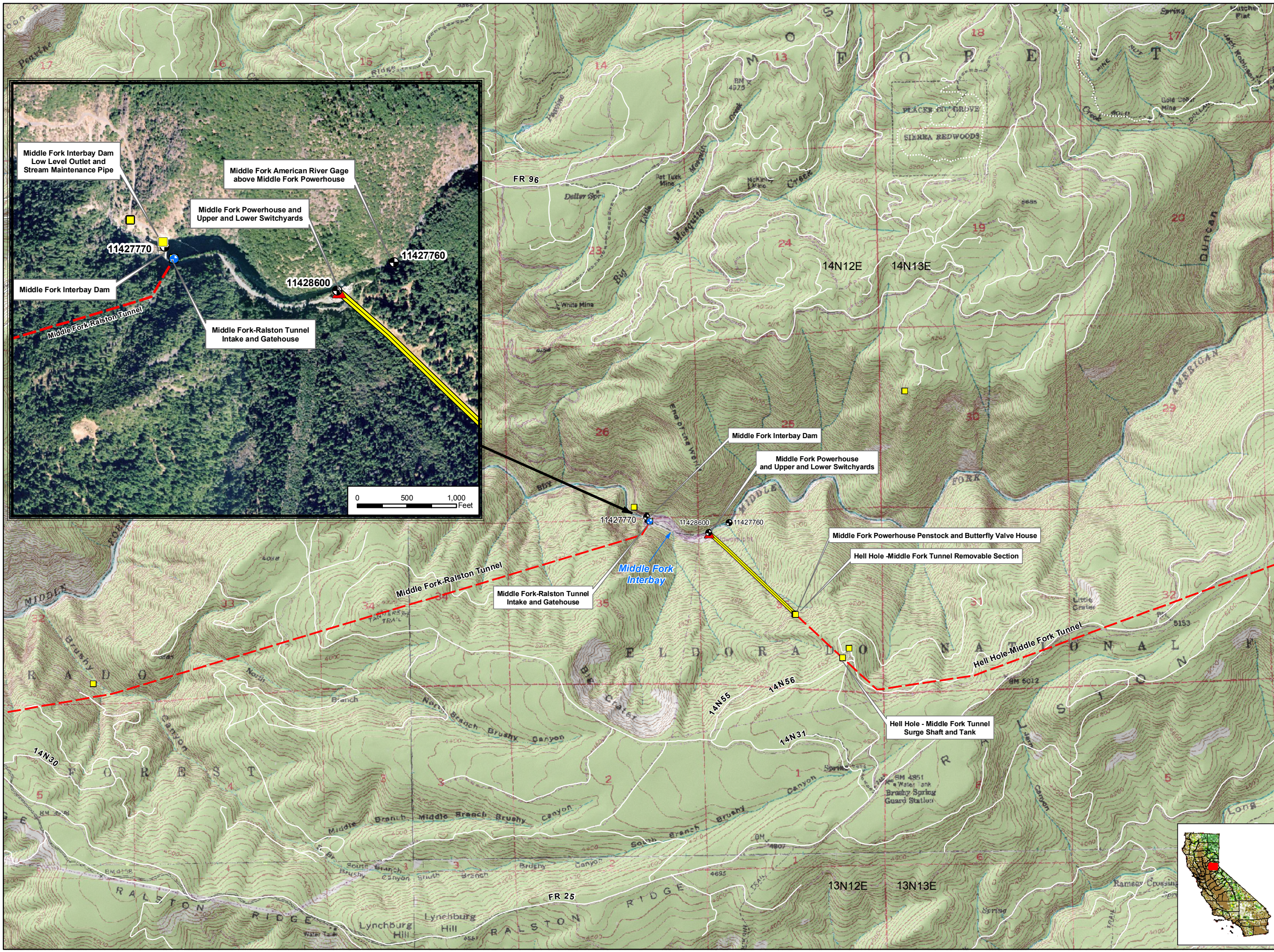
Placer County Water Agency
Middle Fork American River Project

Map AQ 7-4


Long Canyon Area

Projection: Ca. Stateplane, Zone 2
Datum: NAD 83

Date: 2/15/11



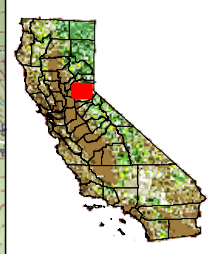
- PCWA Facilities and Features**
- Dam
 - Ancillary and Other Facilities
 - Powerhouse
 - Gage
 - Reservoir Gage
 - Penstock
 - Tunnel
 - Pipeline
- Transportation**
- Road
 - Trail
- Project Recreation Facilities**
- Picnic Area
 - Boat Ramp
 - Scenic Viewpoint
 - Developed Campground



Placer County Water Agency
Middle Fork American River Project

Map AQ 7-5

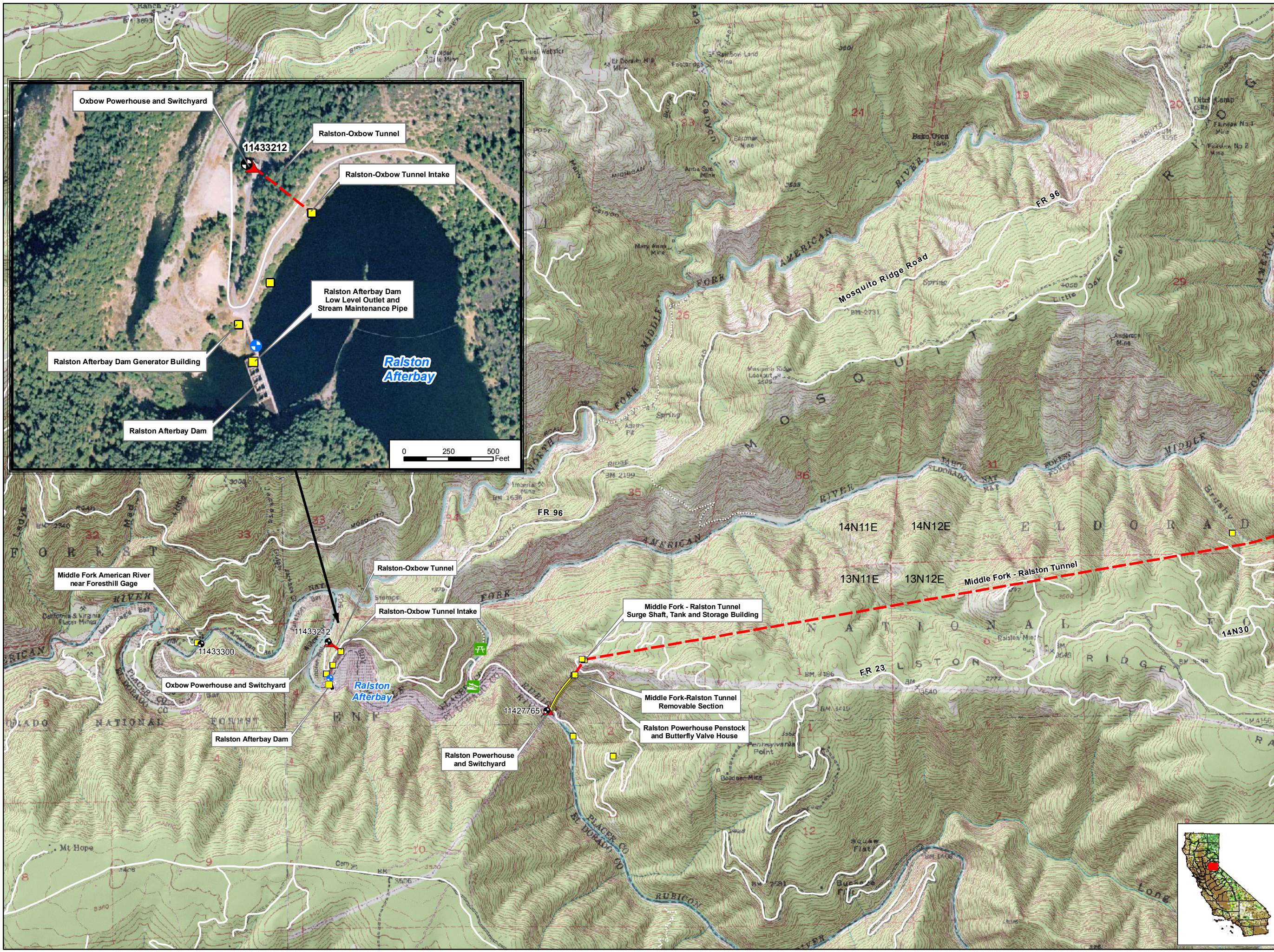
Middle Fork Interbay Area



0 0.25 0.5 Miles

Projection: Ca. Stateplane, Zone 2
Datum: NAD 83

Date: 2/15/11





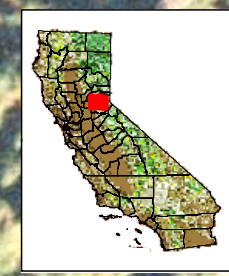
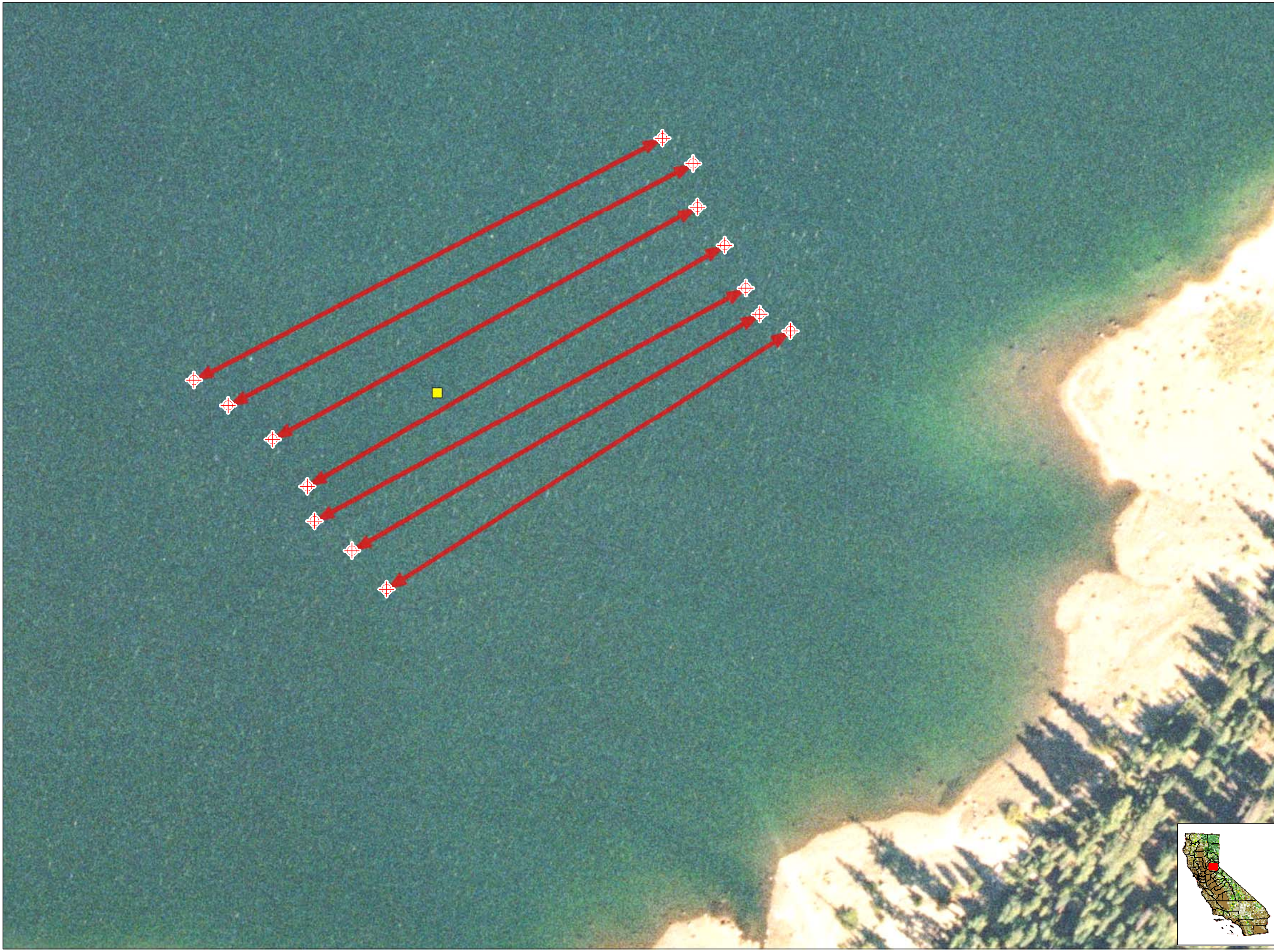
- PCWA Facilities and Features**
- Dam
 - Ancillary and Other Facilities
 - Powerhouse
 - Gage
 - Reservoir Gage
 - Penstock
 - Tunnel
 - Pipeline
- Transportation**
- Road
 - Trail
- Project Recreation Facilities**
- Picnic Area
 - Boat Ramp
 - Scenic Viewpoint
 - Developed Campground

PCWA
Placer County Water Agency
Middle Fork American River Project

Map AQ 7-6
Ralston Afterbay Area


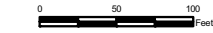
0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83
Date: 2/15/11

-  Transect Point with ID
-  Intake



Placer County Water Agency
Middle Fork American River Project

Map AQ 7-7
Generalized Pattern of Sonar Transects
Over the
French Meadows - Hell Hole Tunnel Intake

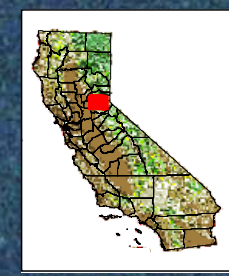
  0 50 100 Feet
Projection: CA State Plane, Zone 2
Datum: NAD 83

Date: 12/2/10



⊕ Transect Point with ID

■ Intake



Placer County Water Agency
Middle Fork American River Project

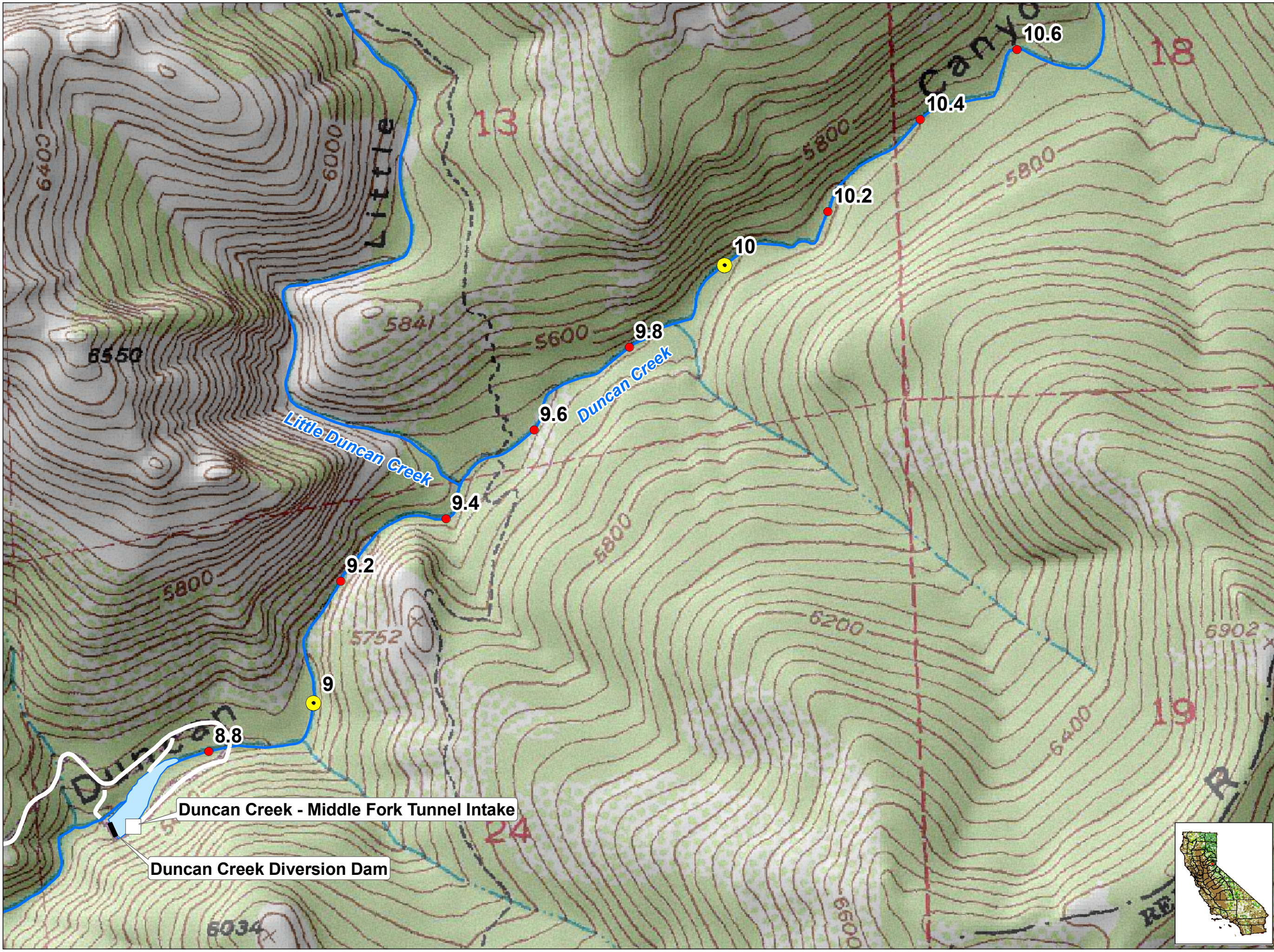
Map AQ 7-8
Generalized Pattern of Sonar Transects
Over the Hell Hole - Middle Fork Tunnel Intake



0 50 100
Feet

Projection: CA State Plane, Zone 2
Datum: NAD 83

Date: 12/2/10



- Site Description**
- 8.8 - 10.6
PIT Tagging Sites
 - 9.0, 10.0
Fish Population Sites

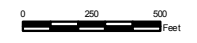
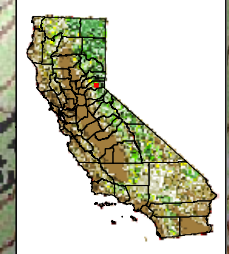
Duncan Creek - Middle Fork Tunnel Intake

Duncan Creek Diversion Dam



Placer County Water Agency
Middle Fork American River Project

Map AQ 7-9
PIT Tagging Locations Upstream of
the Duncan Creek Diversion



Projection: CA State Plane, Zone 2
Datum: NAD 83

Date: 10/2/09