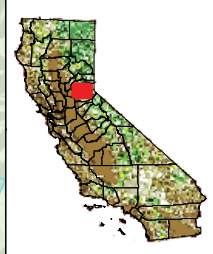


- Project Facilities**
- Powerhouse
  - Dam
  - Tunnel
  - Penstock
- Transportation**
- Major Road
  - Minor Road
- Hydrography**
- Watercourse
  - Water Body
- Designated Boundary**
- County Boundary
  - Wilderness Area
  - Middle Fork American River Watershed\*

\*Modified from Calwater Ver. 2.2 to represent drainage above high-water mark of Folsom Lake



Placer County Water Agency  
 Middle Fork American River Project  
 Map CUL 1-1  
**Middle Fork American River  
 Project and Vicinity**



0 1 2 3 4 5 Miles  
 Projection: CA State Plane, Zone 2  
 Datum: NAD 83  
 Date: 3/28/08

### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
- Project Power and Communication Lines:**
- Communication
- Power
- Power (underground)
- Communication/Power
- Communication/Power (underground)

### Archaeological Survey Coverage

- Areas Surveyed 2006
- Areas Surveyed 2007

### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

\* The proposed Project betterments are currently under review. The final configuration will be provided to the stakeholders and included in the Final Technical Study Plans

### Designated Boundary

- Special Area

### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area

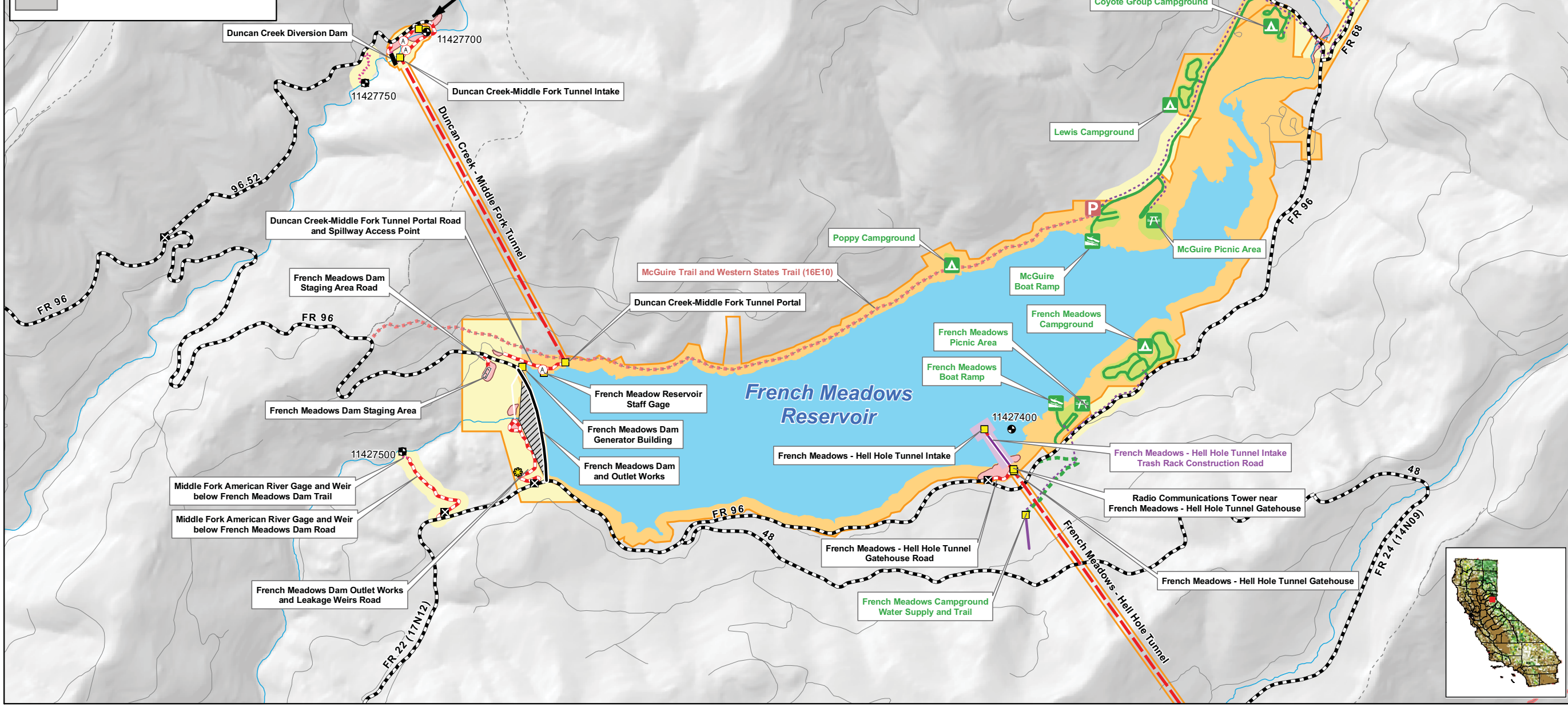
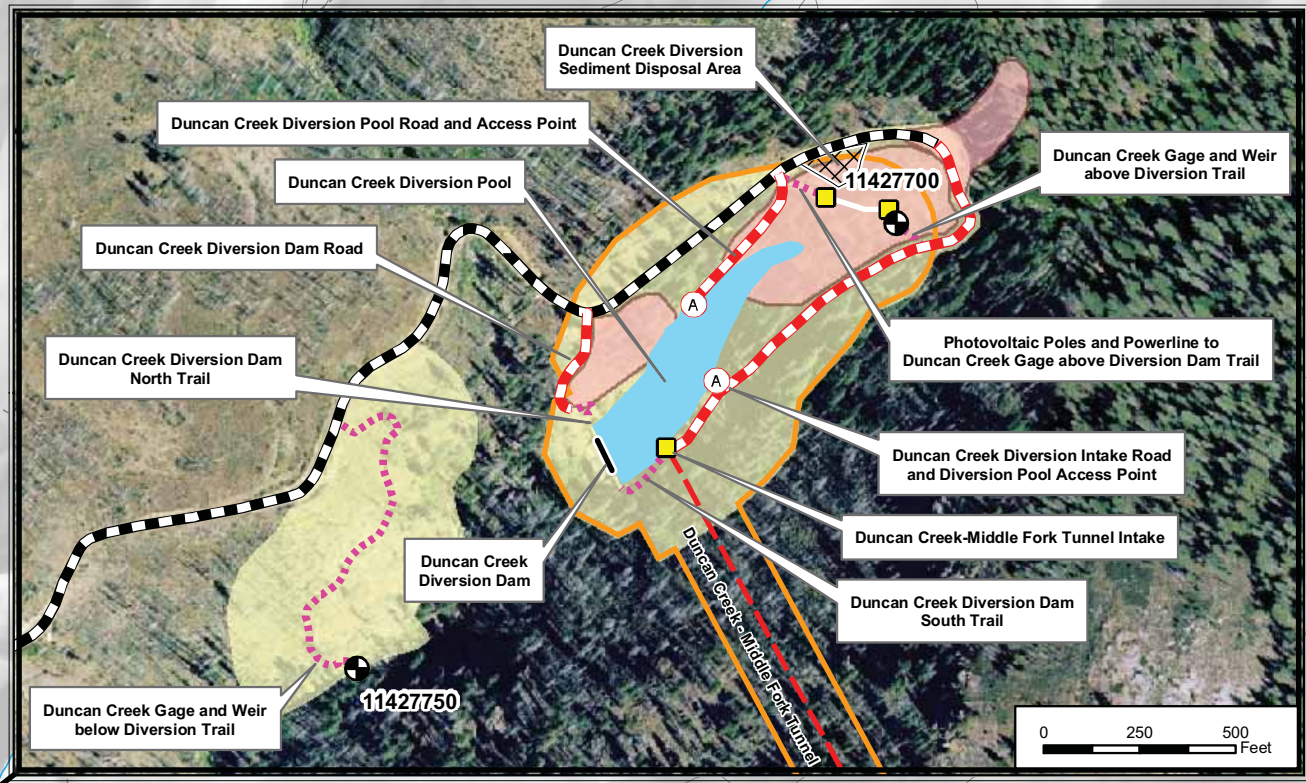
Placer County Water Agency  
Middle Fork American River Project

**Map CUL 1-2**  
**Areas Surveyed for Cultural Resources in 2006 and 2007**  
Sheet 1 of 5  
Duncan Creek, French Meadows Area

0 0.25 0.5 Miles

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

Date: 3/28/08



### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
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- Project Power and Communication Lines:
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  - Power
  - Power (underground)
  - Communication/Power
  - Communication/Power (underground)

### Archaeological Survey Coverage

- Areas Surveyed 2006
- Areas Surveyed 2007

### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
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- Permanent Road Associated with Potential Project Betterments
- Other Road

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- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

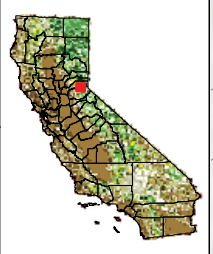
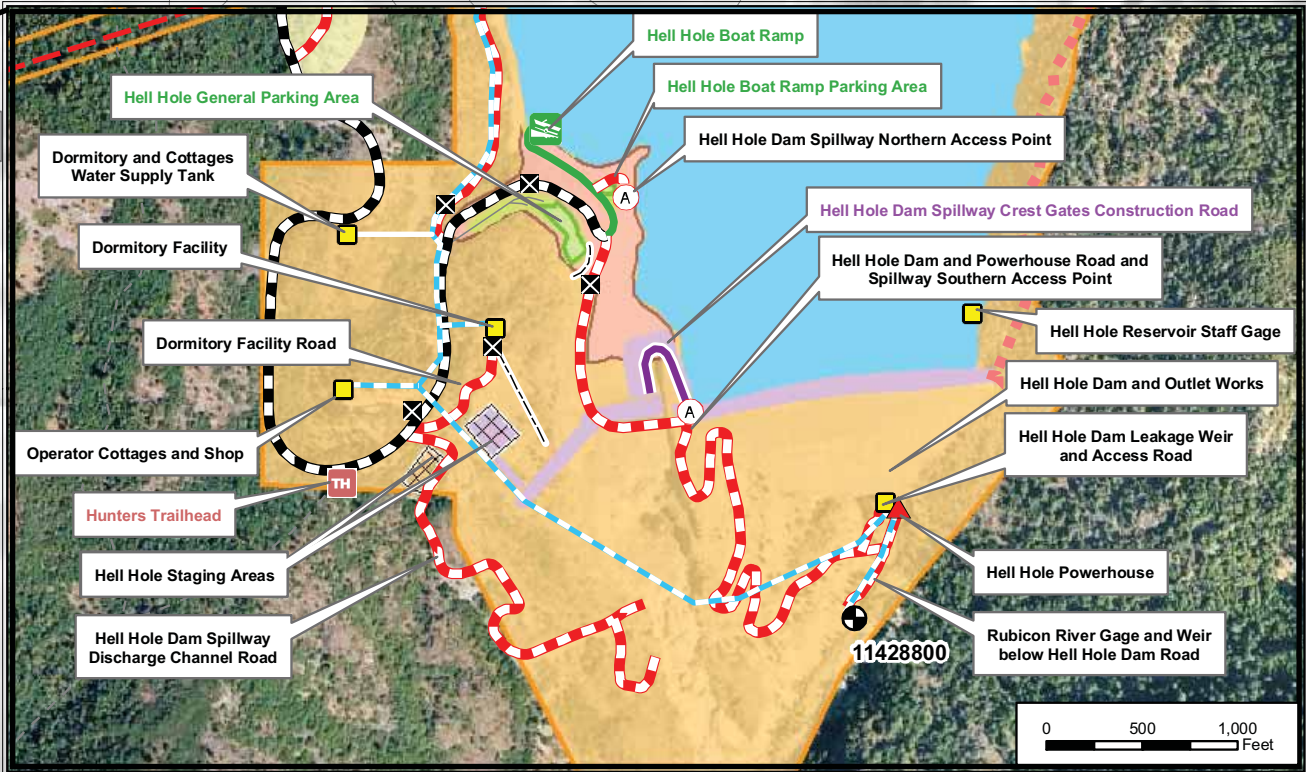
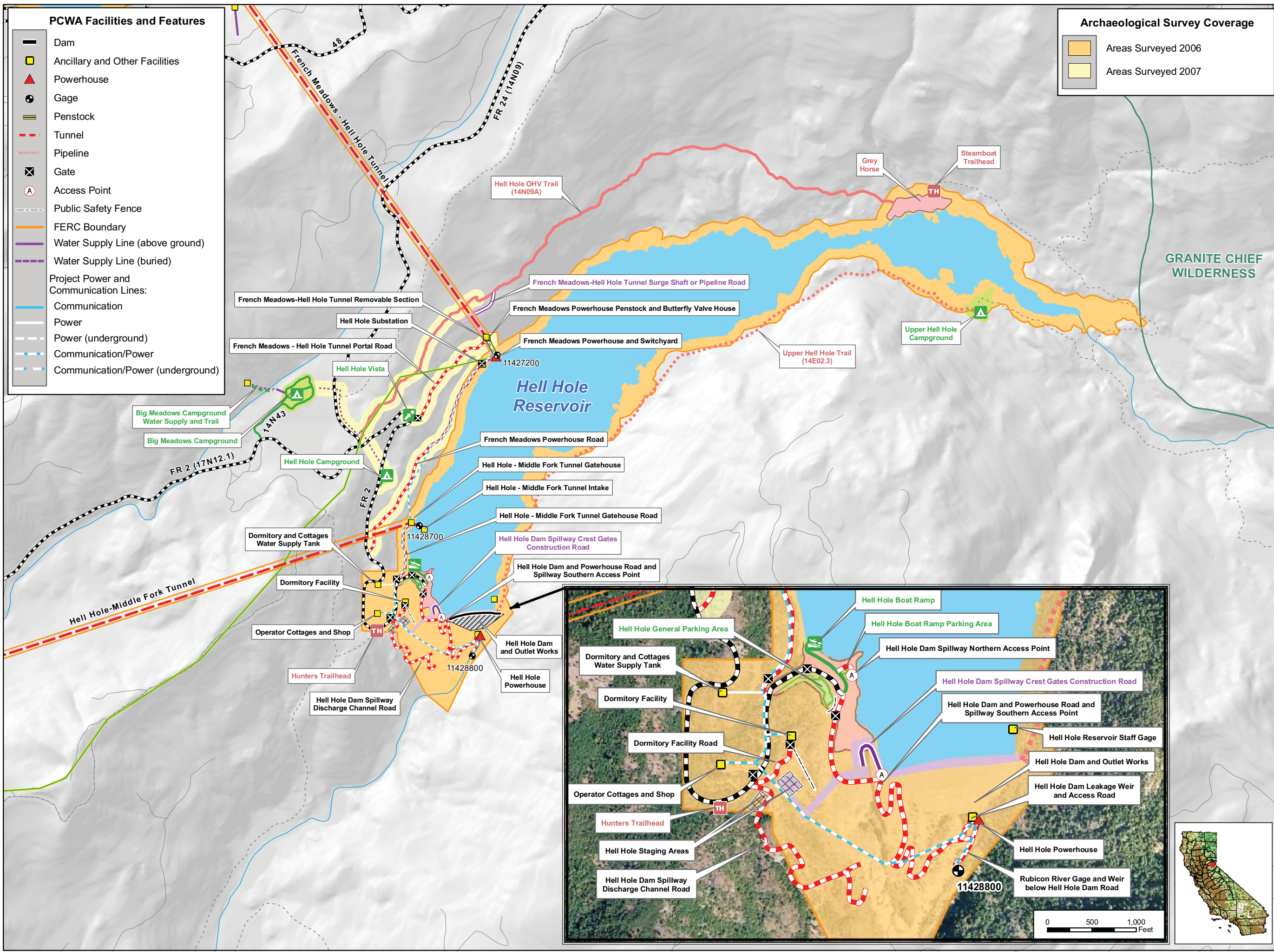
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### Designated Boundary

- Special Area

### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-2**  
Areas Surveyed for Cultural Resources in 2006 and 2007  
Sheet 2 of 5  
Hell Hole Area

0 0.25 0.5 Miles

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

Date: 3/28/08

- ### PCWA Facilities and Features
- Dam
  - Ancillary and Other Facilities
  - Powerhouse
  - Gage
  - Penstock
  - Tunnel
  - Pipeline
  - Gate
  - Access Point
  - Public Safety Fence
  - FERC Boundary
  - Water Supply Line (above ground)
  - Water Supply Line (buried)
  - Project Power and Communication Lines:**
  - Communication
  - Power
  - Power (underground)
  - Communication/Power
  - Communication/Power (underground)

- ### Archaeological Survey Coverage
- Areas Surveyed 2006
  - Areas Surveyed 2007

- ### Transportation
- Non-Project General Access Road
  - Project Road
  - Project Trail
  - Recreation Access Road
  - Recreation Water Supply Facility Access Road or Trail
  - Temporary Road Associated with Potential Project Betterments
  - Permanent Road Associated with Potential Project Betterments
  - Other Road

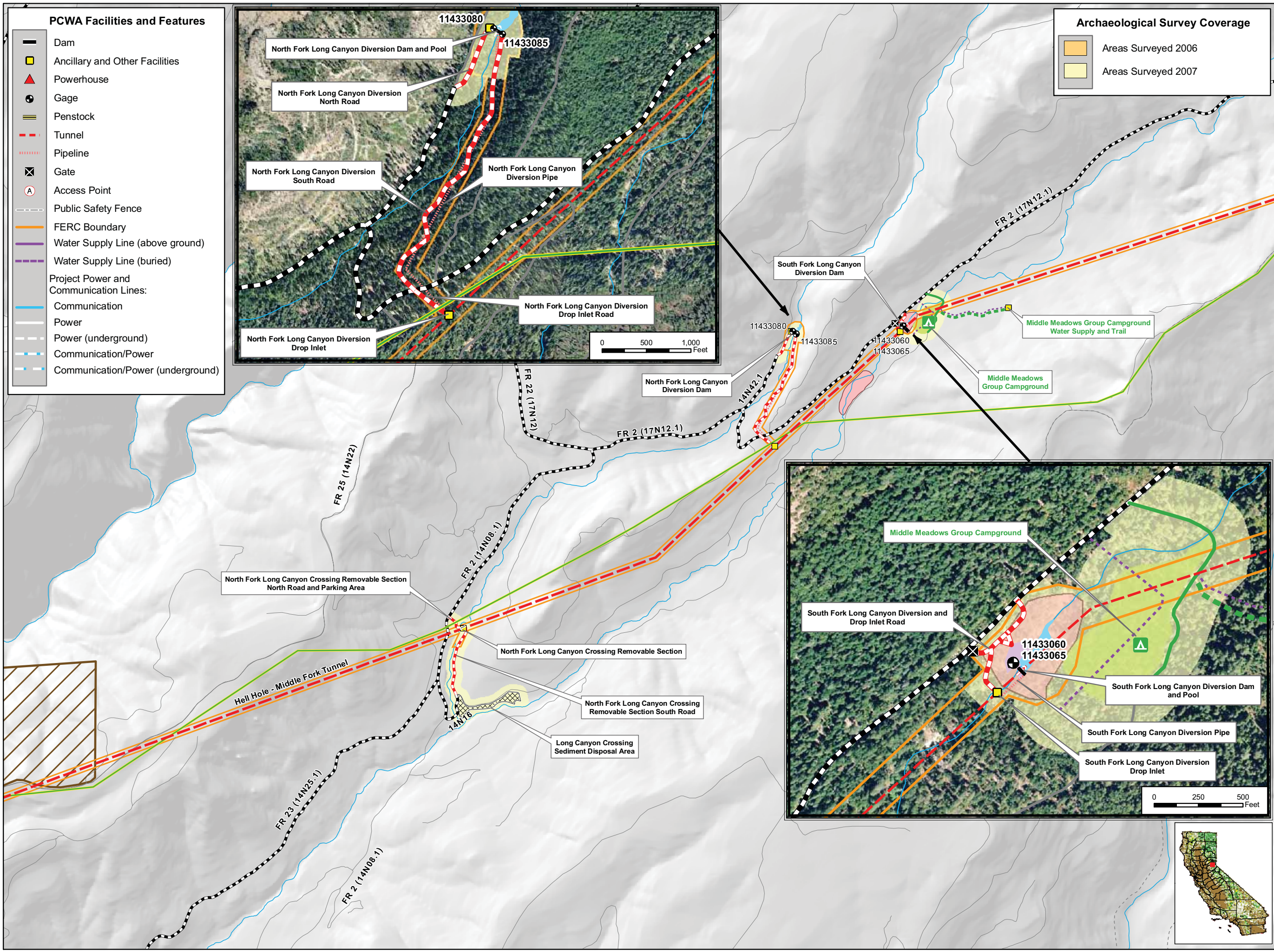
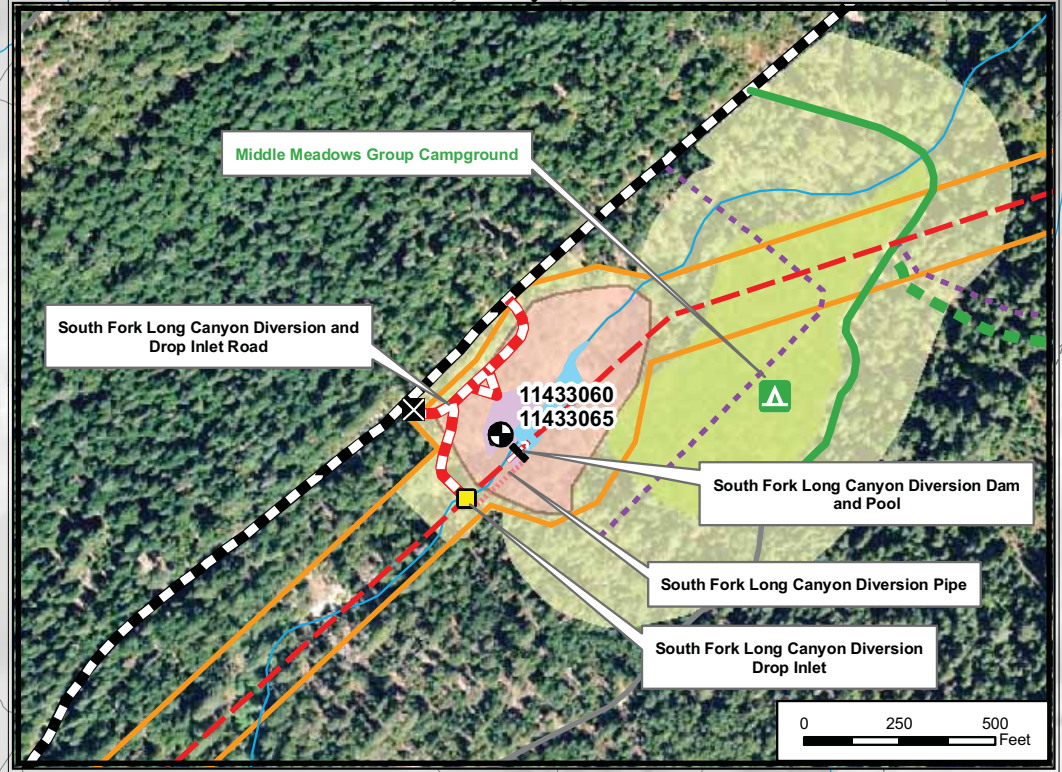
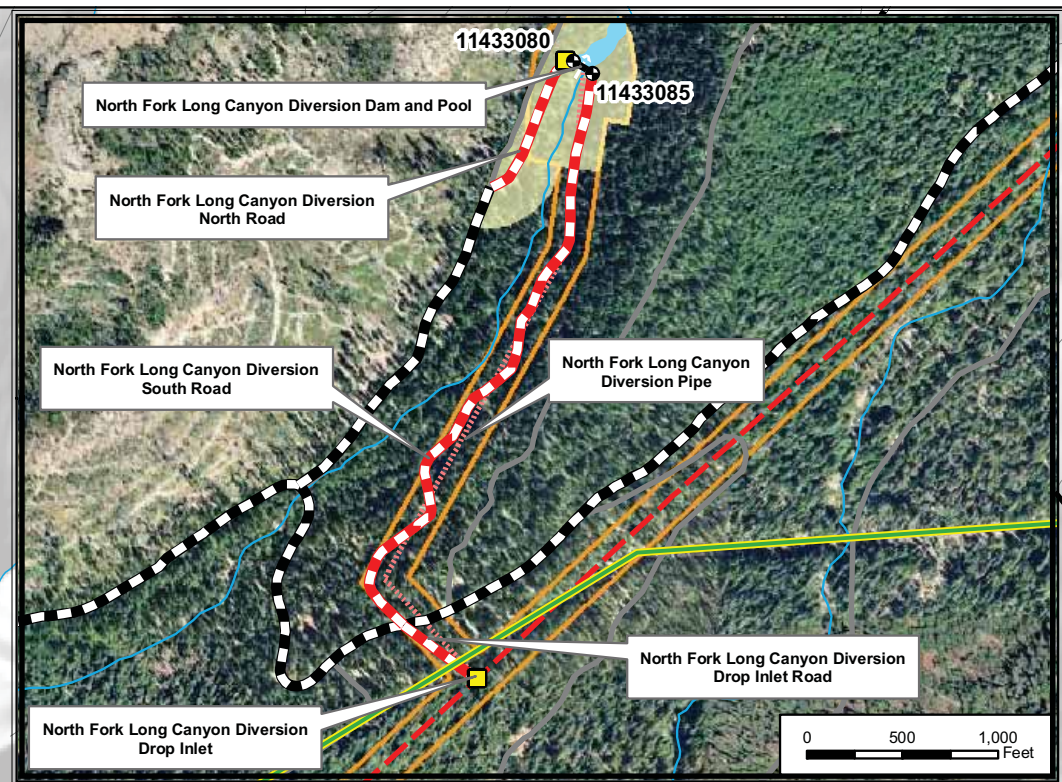
- ### Project Recreation Facilities
- Picnic Area
  - Boat Ramp
  - Scenic Viewpoint
  - Developed Campground
  - Recreation Facility Footprints

- ### Other Facilities
- PG & E Transmission Lines:
- 230 kV
  - 60 kV

- ### Potential Betterments Features\*
- Construction Staging or Work Areas
- \* The proposed Project betterments are currently under review. The final configuration will be provided to the stakeholders and included in the Final Technical Study Plans

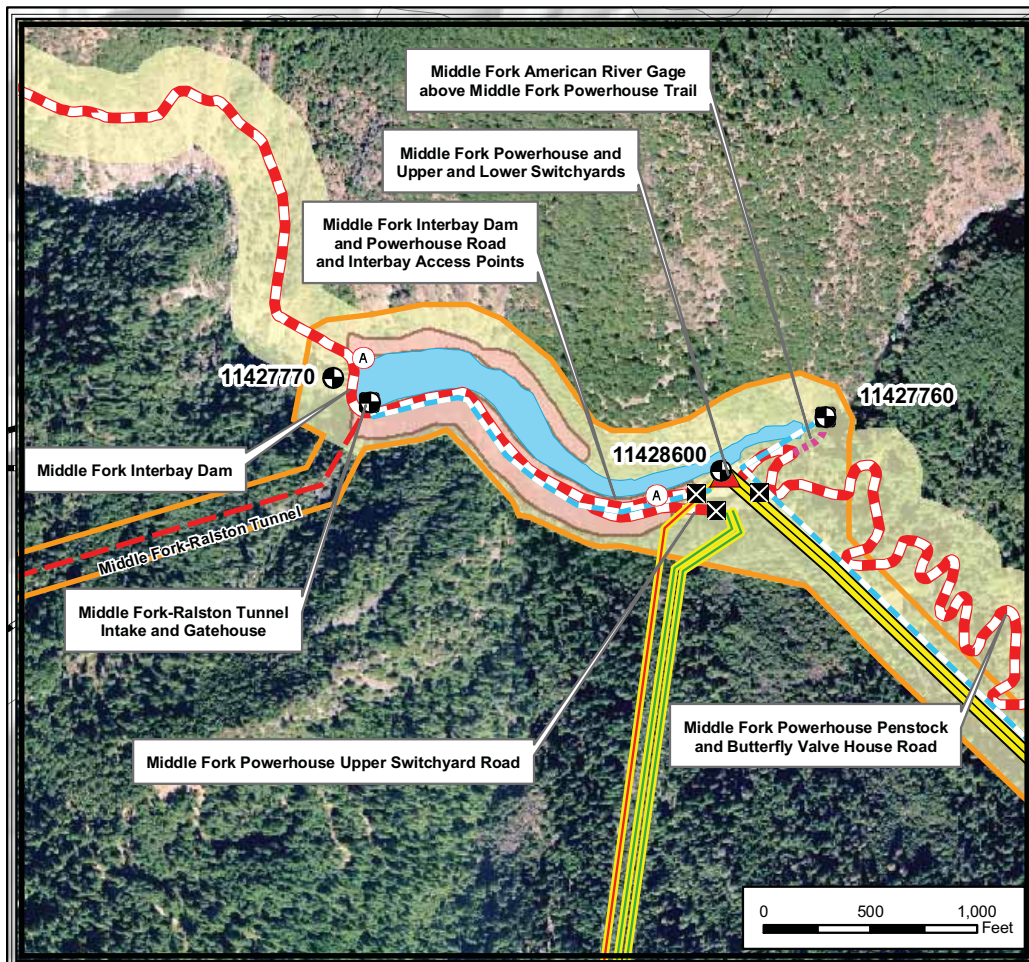
- ### Designated Boundary
- Special Area

- ### Facilities and Dispersed Recreation Areas Identified by Stakeholders
- Recreation Access OHV Road
  - Recreation Access Trail
  - Trailhead
  - Dispersed Concentrated Use Area
  - Parking Area



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-2**  
Areas Surveyed for Cultural Resources in 2006 and 2007  
Sheet 3 of 5  
Long Canyon Area

0 0.25 0.5 Miles  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 3/28/08



### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
- Project Power and Communication Lines:**
- Communication
- Power
- Power (underground)
- Communication/Power
- Communication/Power (underground)

### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

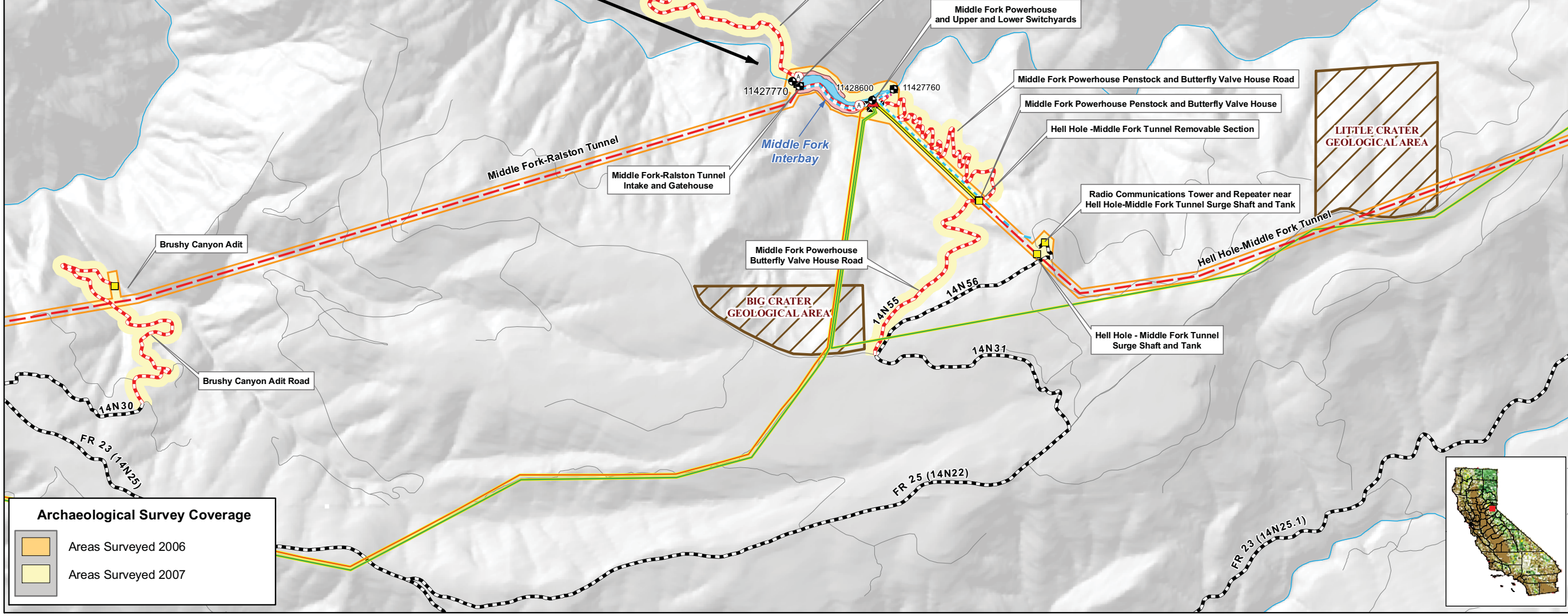
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### Designated Boundary

- Special Area

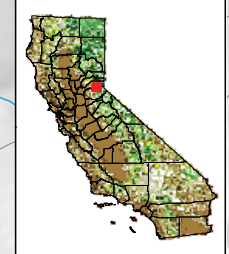
### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area



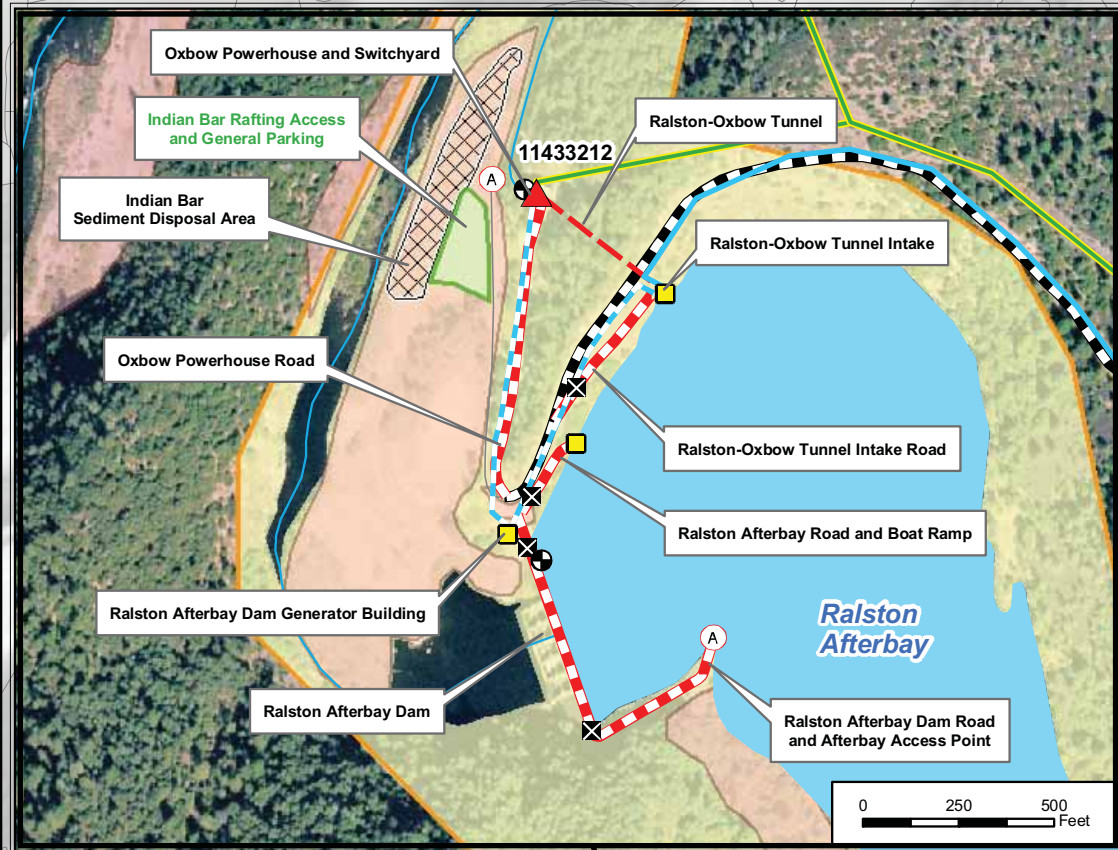
### Archaeological Survey Coverage

- Areas Surveyed 2006
- Areas Surveyed 2007



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-2**  
Areas Surveyed for Cultural Resources in 2006 and 2007  
Sheet 4 of 5  
Interbay Area

0 0.25 0.5 Miles  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 3/28/08



### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
- Project Power and Communication Lines:**
  - Communication
  - Power
  - Power (underground)
  - Communication/Power
  - Communication/Power (underground)

### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

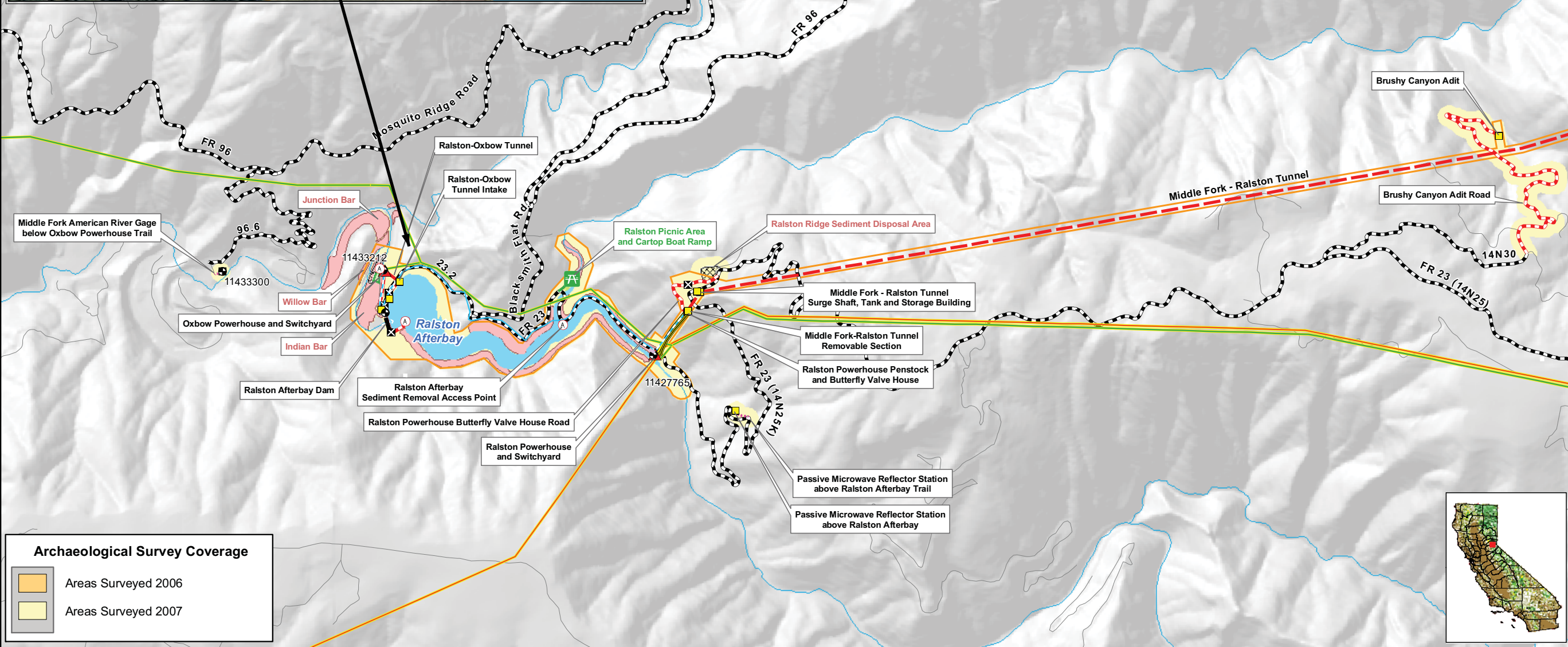
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### Designated Boundary

- Special Area

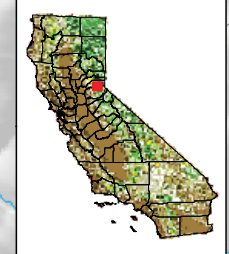
### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area



### Archaeological Survey Coverage

- Areas Surveyed 2006
- Areas Surveyed 2007



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-2**  
Areas Surveyed for Cultural Resources in 2006 and 2007  
Sheet 5 of 5  
Ralston, Oxbow Area

0 0.25 0.5 Miles  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 3/28/08

### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
- Project Power and Communication Lines:
  - Communication
  - Power
  - Power (underground)
  - Communication/Power
  - Communication/Power (underground)

### Land Jurisdictions / Ownership\*

- Eldorado National Forest
- Tahoe National Forest
- PCWA
- Lone Star Timber
- Sierra Pacific Industries\*\*
- Other Private (Blank)

\*\* Includes former properties of R.H. Emmerson & Son, LLC

\* PARCEL DATA SOURCES: Placer County, July 2006, El Dorado County, February 2007, USFS Region 5, February 2007. Some data has been modified to account for known errors and is to be used for general planning purposes only.

### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

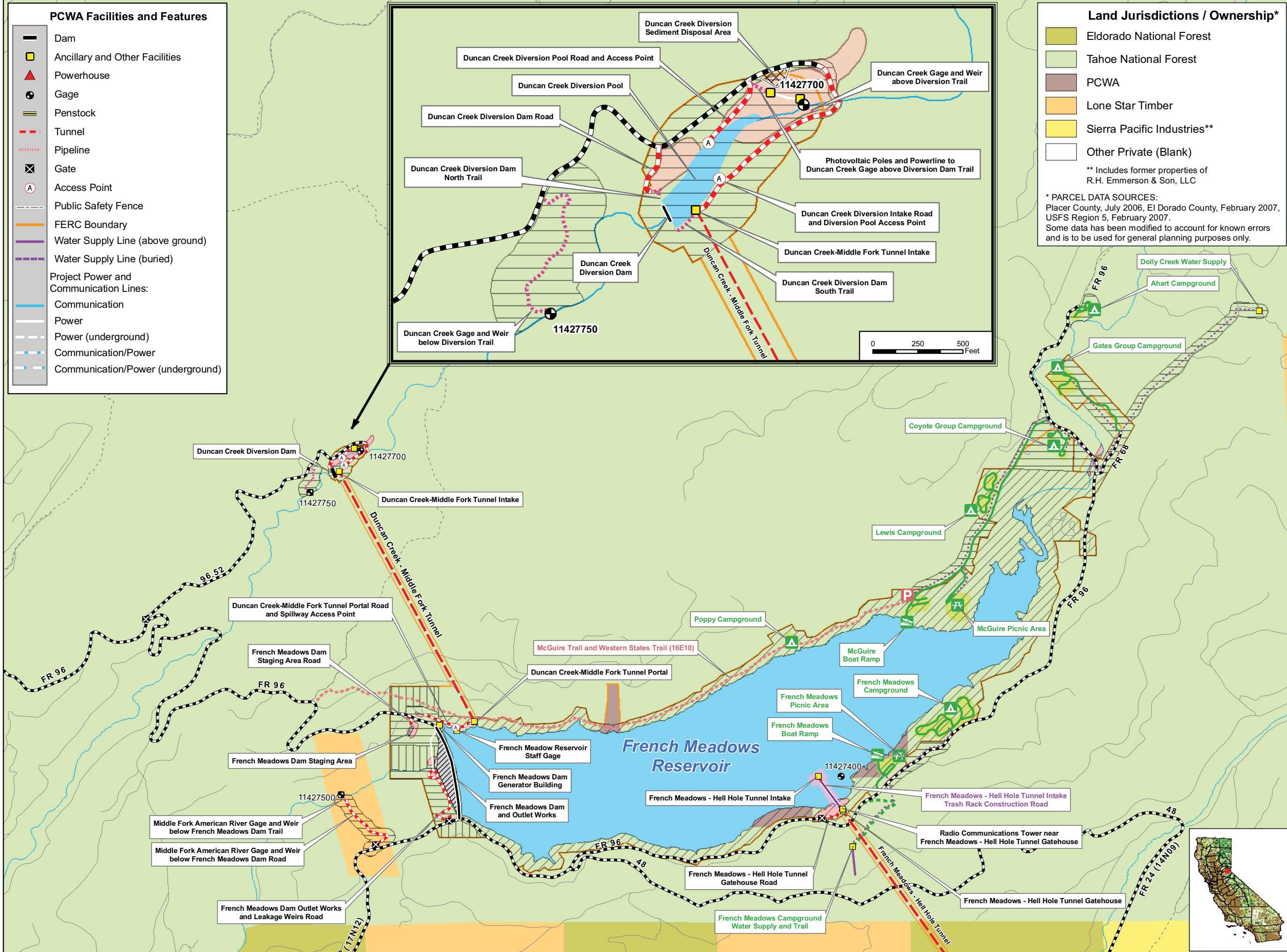
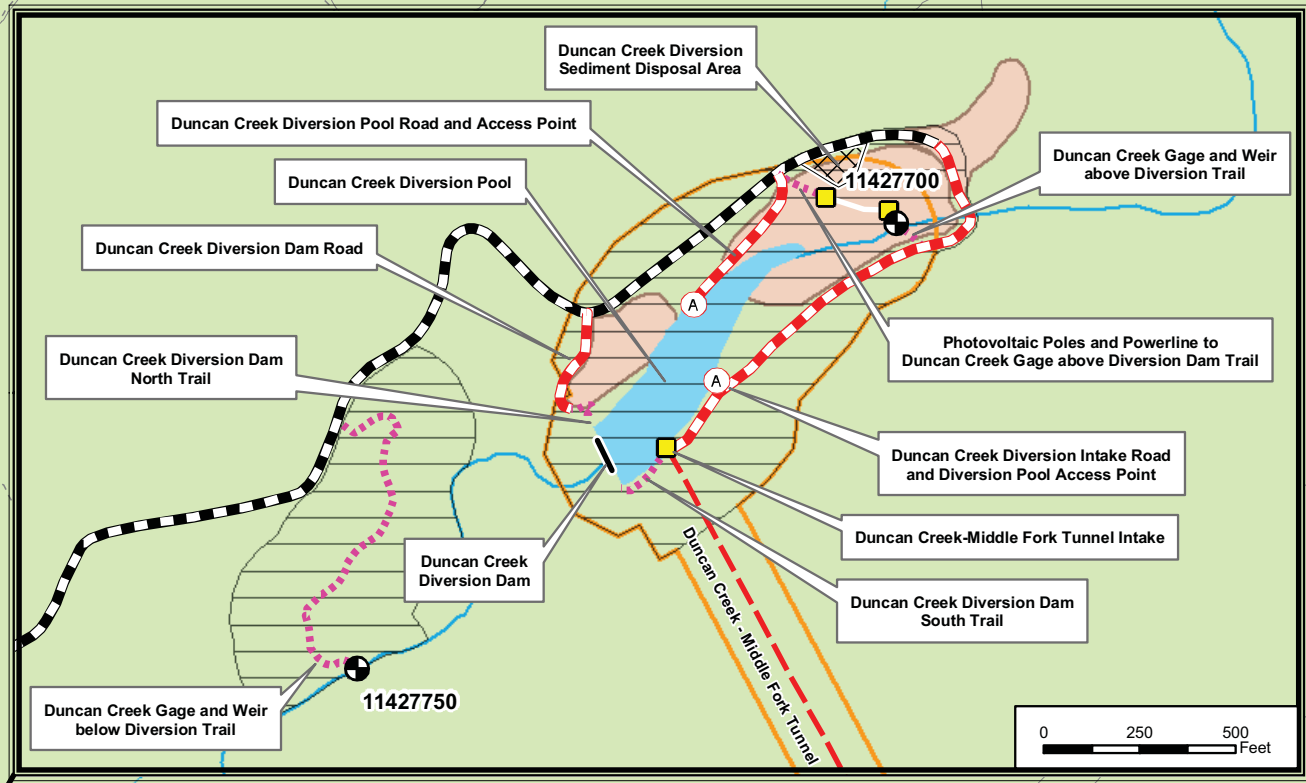
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### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area

### Archaeological Survey Methods

- Visual Reconnaissance
- Pedestrian Survey - Complete
- Pedestrian Survey - General



Placer County Water Agency  
Middle Fork American River Project

**Map CUL 1-3**  
Cultural Resources Survey Area  
Showing Survey Methods and Jurisdictions  
Sheet 1 of 5  
Duncan Creek, French Meadows Area

0 0.25 0.5 Miles

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

Date: 3/28/08

### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
- Project Power and Communication Lines:
  - Communication
  - Power
  - Power (underground)
  - Communication/Power
  - Communication/Power (underground)

### Land Jurisdictions / Ownership\*

- Eldorado National Forest
- Tahoe National Forest
- PCWA
- Lone Star Timber
- Sierra Pacific Industries\*\*
- Other Private (Blank)

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### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

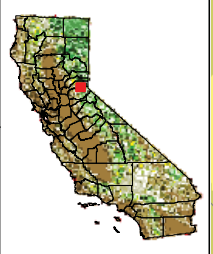
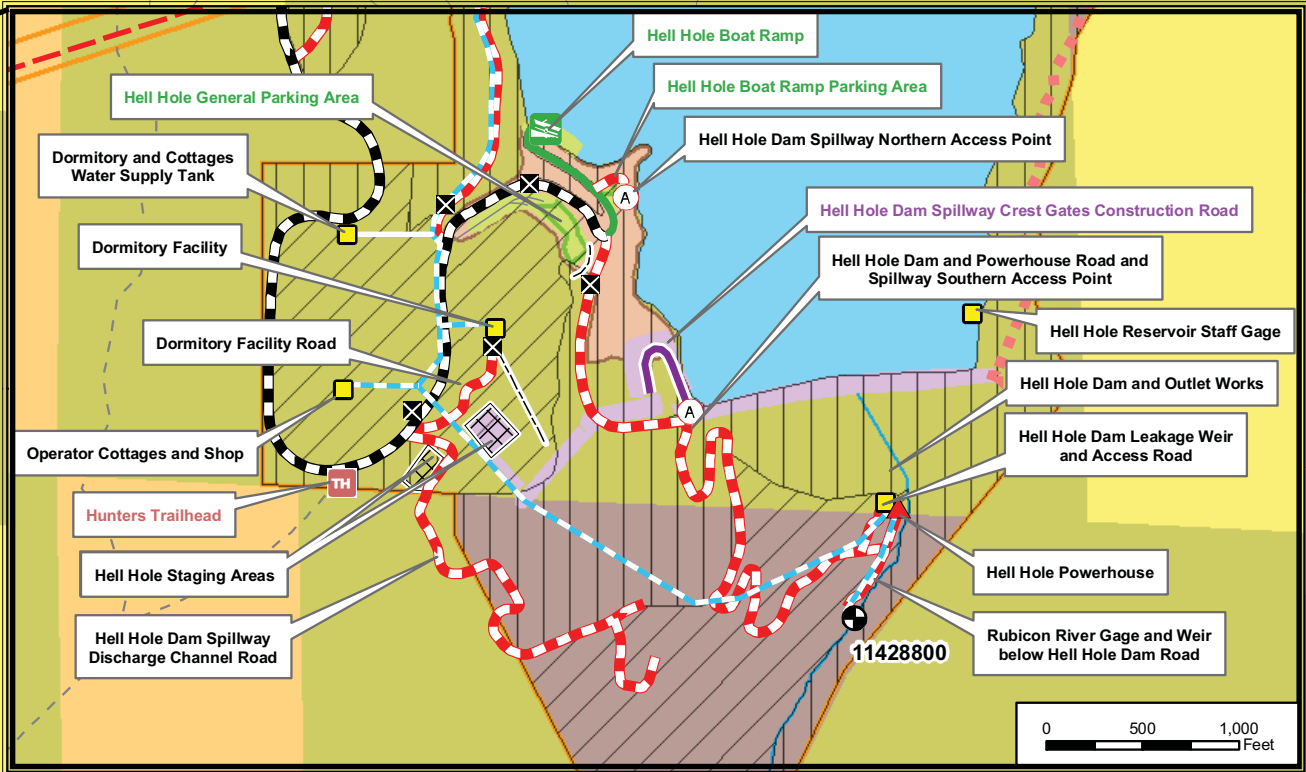
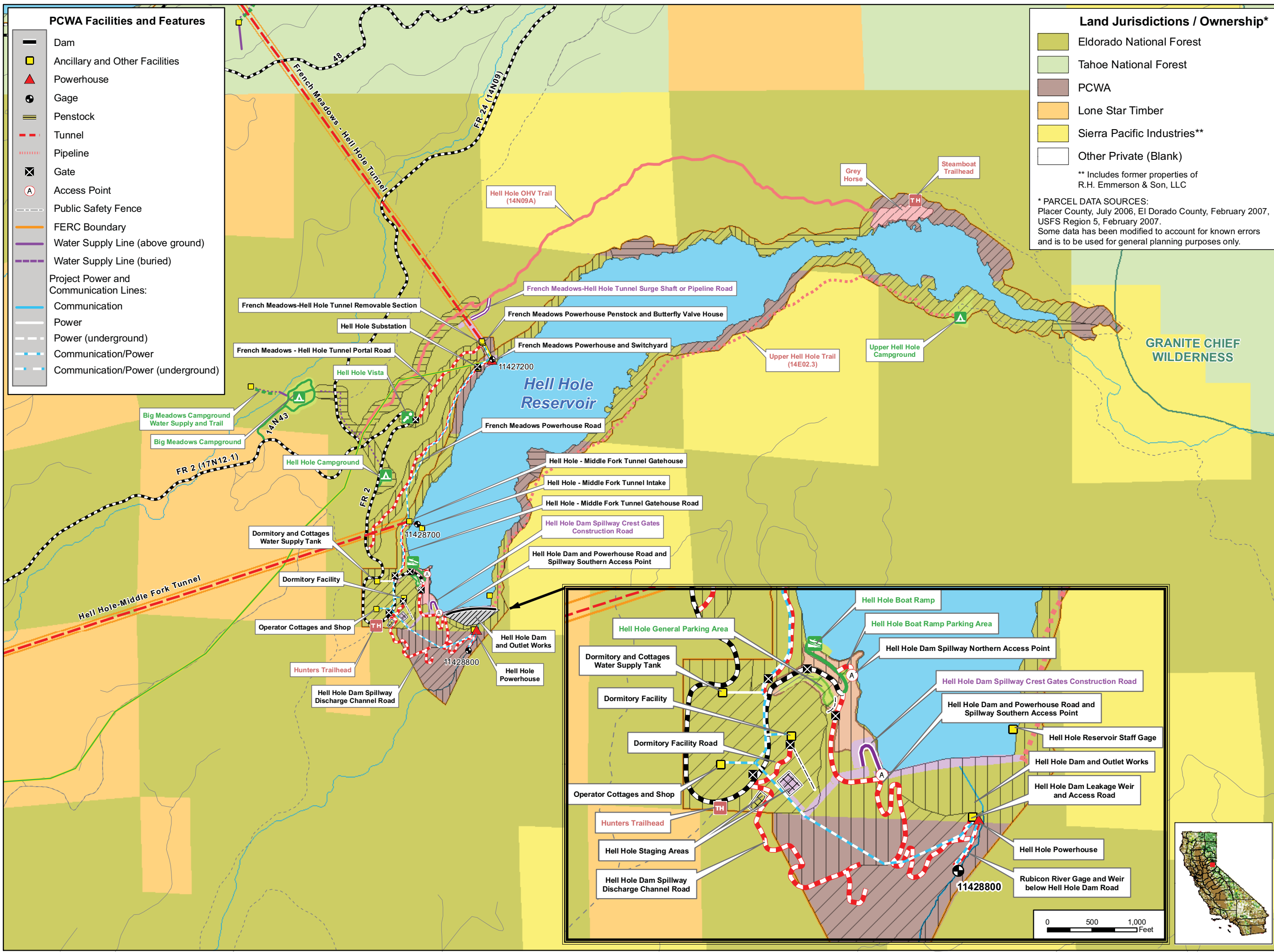
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### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area

### Archaeological Survey Methods

- Visual Reconnaissance
- Pedestrian Survey - Complete
- Pedestrian Survey - General



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-3**  
Cultural Resources Survey Area  
Showing Survey Methods and Jurisdictions  
Sheet 2 of 5  
Hell Hole Area

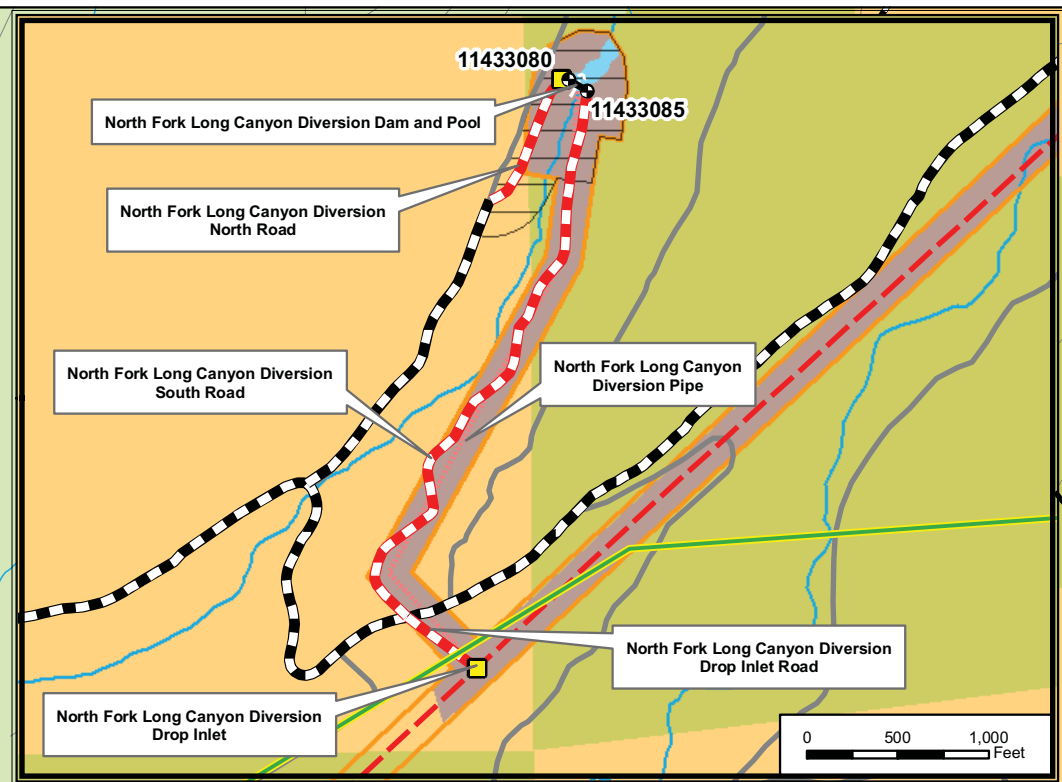
Date: 3/28/08

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



### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
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  - Communication
  - Power
  - Power (underground)
  - Communication/Power
  - Communication/Power (underground)



### Land Jurisdictions / Ownership\*

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- Tahoe National Forest
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- Other Private (Blank)

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### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas

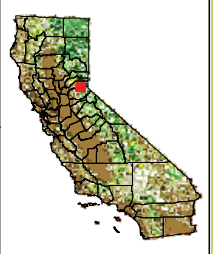
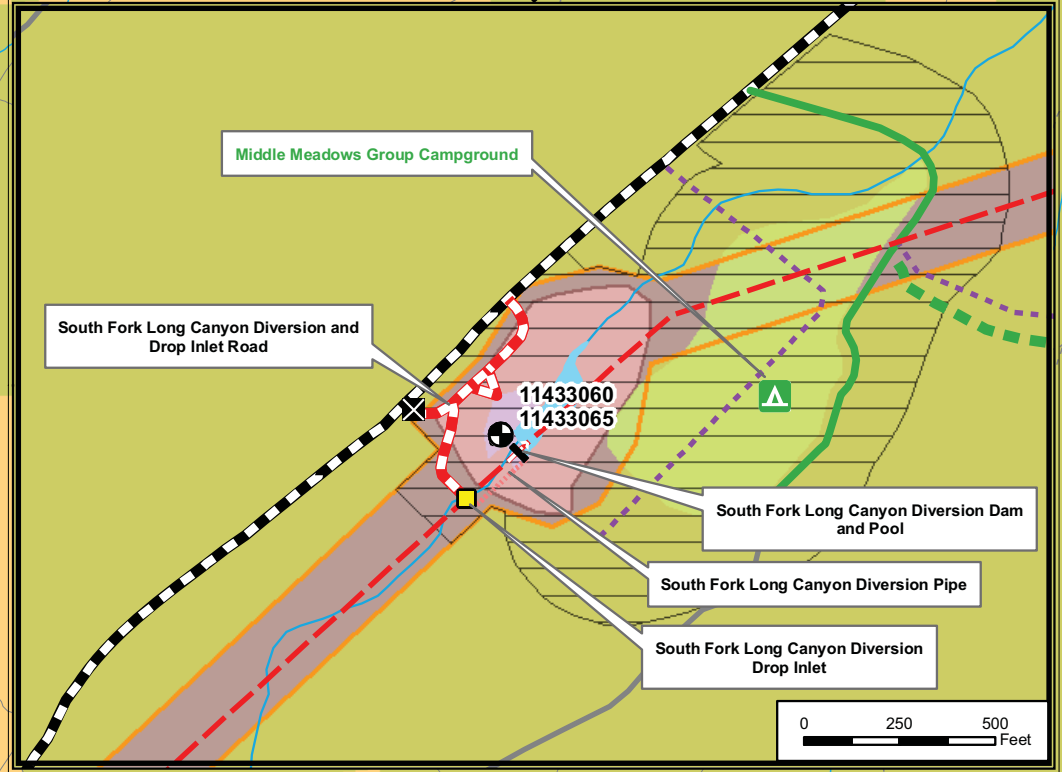
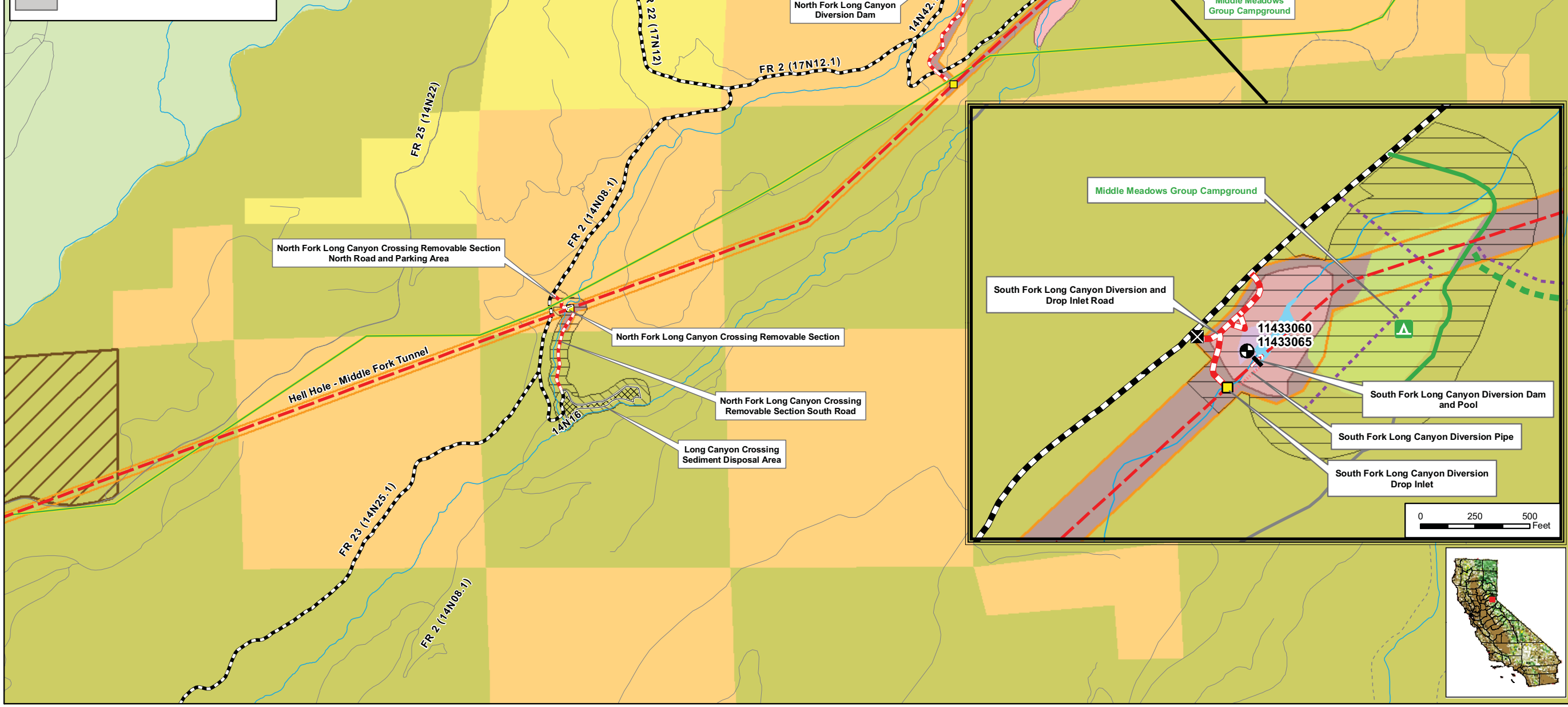
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### Facilities and Dispersed Recreation Areas Identified by Stakeholders

- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area

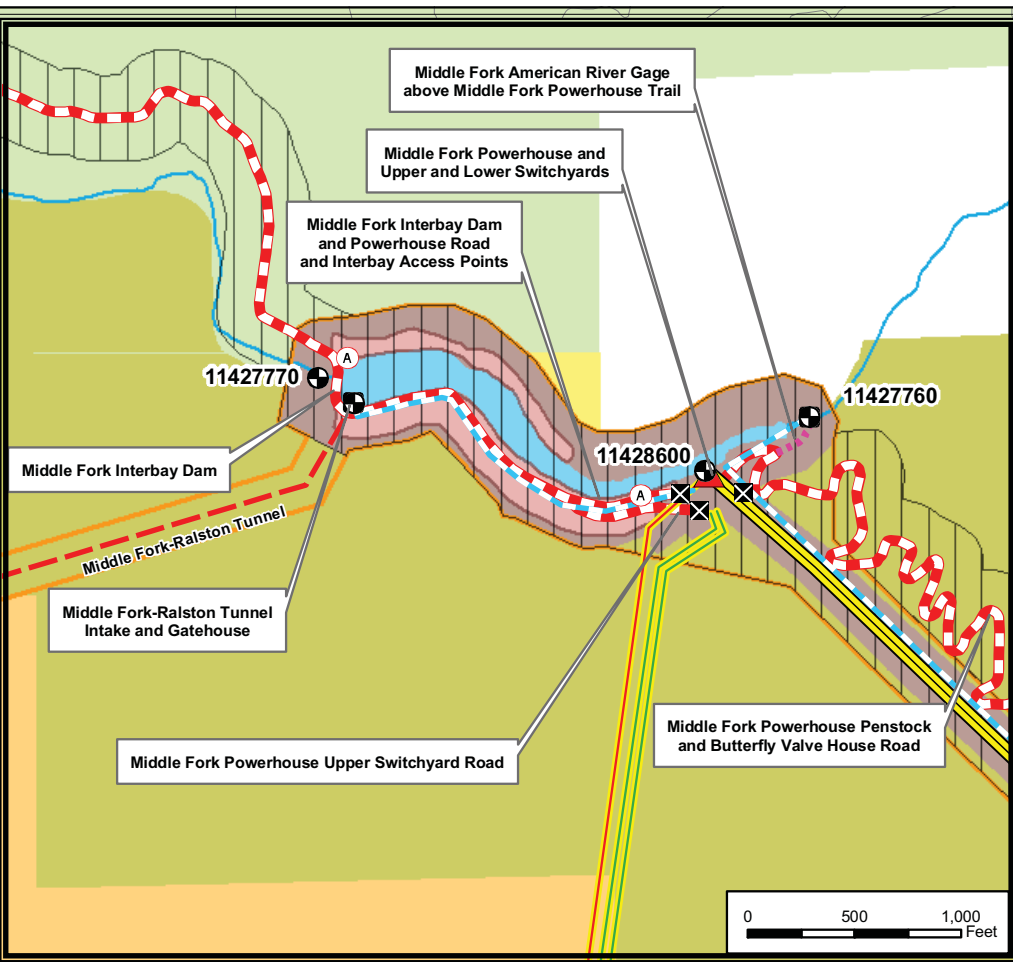
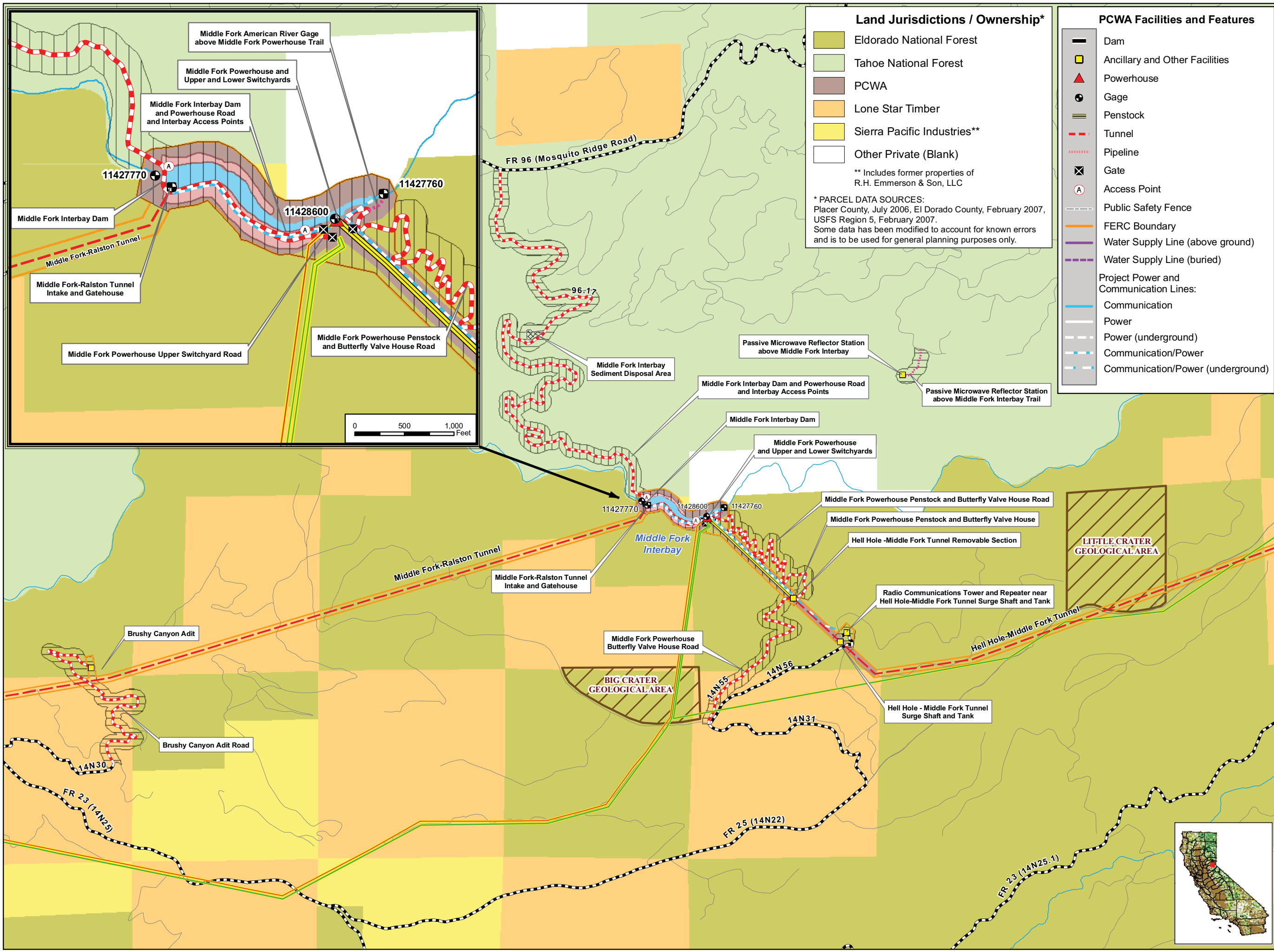
### Archaeological Survey Methods

- Visual Reconnaissance
- Pedestrian Survey - Complete
- Pedestrian Survey - Wide General



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-3**  
Cultural Resources Survey Area  
Showing Survey Methods and Jurisdictions  
Sheet 3 of 5  
Long Canyon Area

0 0.25 0.5 Miles  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 3/28/08



### Land Jurisdictions / Ownership\*

- Eldorado National Forest
- Tahoe National Forest
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- Lone Star Timber
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### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- A Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)
- Project Power and Communication Lines:
- Communication
- Power (underground)
- Communication/Power
- Communication/Power (underground)

### Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
- Permanent Road Associated with Potential Project Betterments
- Other Road

### Project Recreation Facilities

- A Picnic Area
- B Boat Ramp
- C Scenic Viewpoint
- D Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

### Potential Betterments Features\*

- Construction Staging or Work Areas


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### Facilities and Dispersed Recreation Areas Identified by Stakeholders


- Recreation Access OHV Road
- Recreation Access Trail
- TH Trailhead
- Dispersed Concentrated Use Area
- P Parking Area

### Archaeological Survey Methods

- Visual Reconnaissance
- Pedestrian Survey - Complete
- Pedestrian Survey - General



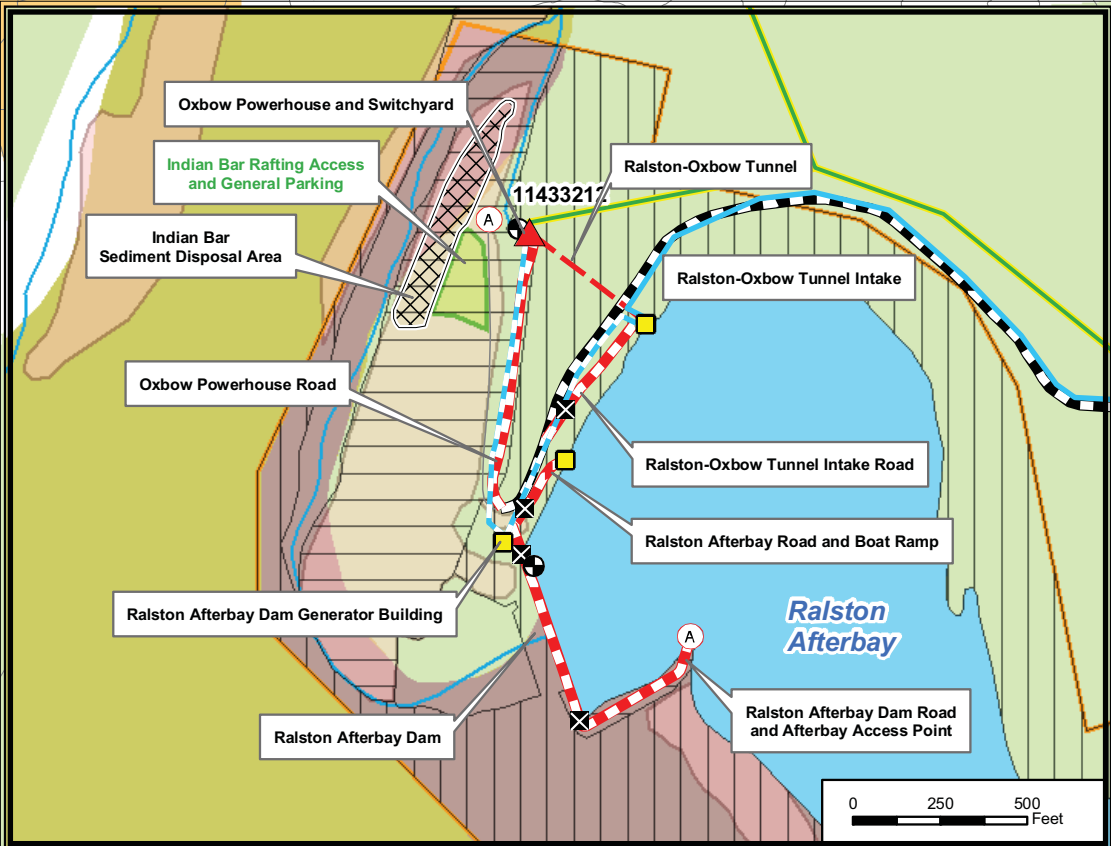
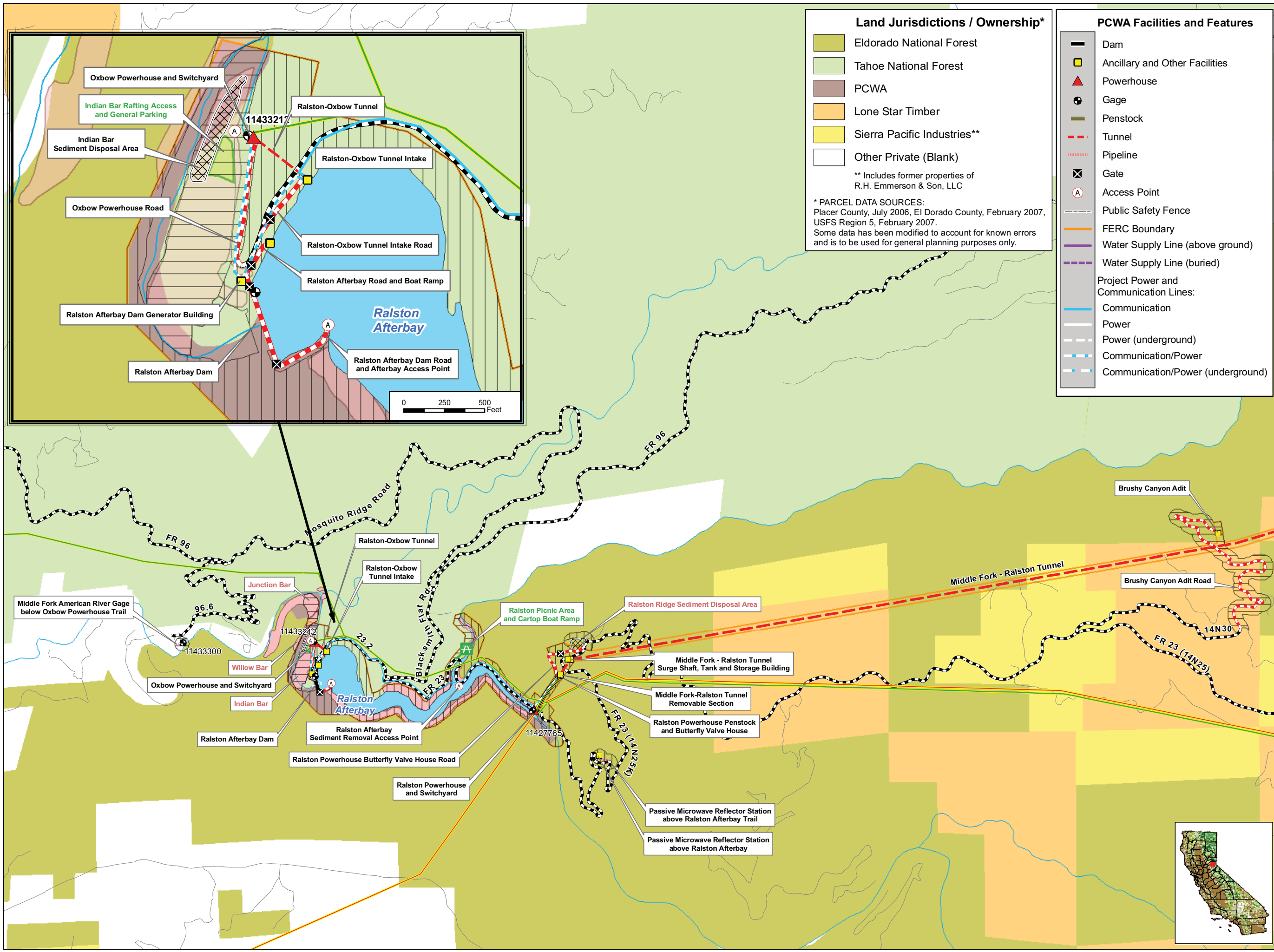
Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-3**  
Cultural Resources Survey Area  
Showing Survey Methods and Jurisdictions  
Sheet 4 of 5  
Interbay Area



0 0.25 0.5 Miles

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

Date: 3/28/08



### Land Jurisdictions / Ownership\*

- Eldorado National Forest
- Tahoe National Forest
- PCWA
- Lone Star Timber
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### PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Water Supply Line (above ground)
- Water Supply Line (buried)

Project Power and Communication Lines:

- Communication
- Power
- Power (underground)
- Communication/Power
- Communication/Power (underground)

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- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Temporary Road Associated with Potential Project Betterments
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### Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Recreation Facility Footprints

### Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

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\* The proposed Project betterments are currently under review. The final configuration will be provided to the stakeholders and included in the Final Technical Study Plans

### Facilities and Dispersed Recreation Areas Identified by Stakeholders

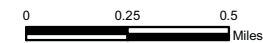
- Recreation Access OHV Road
- Recreation Access Trail
- Trailhead
- Dispersed Concentrated Use Area
- Parking Area

### Archaeological Survey Methods

- Visual Reconnaissance
- Pedestrian Survey - Complete
- Pedestrian Survey - General



Placer County Water Agency  
Middle Fork American River Project  
**Map CUL 1-3**  
Cultural Resources Survey Area  
Showing Survey Methods and Jurisdictions  
Sheet 5 of 5  
Ralston, Oxbow Area



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