



- Powerhouse
- Dam
- Tunnel
- Penstock
- Transportation**
- Major Road
- Minor Road
- Hydrography**
- Watercourse
- Water Body
- Middle Fork American River Watershed*
- *Modified from Calwater Ver. 2.2 to represent drainage above high-water mark of Folsom Lake
- Designated Boundary**
- County Boundary
- Wilderness Area
- State Game Refuge
- Osprey Data**
- PCWA Osprey Surveys (2007-2008)**
- Sighting
- Nest
- Other Documented Occurrences**
- Sighting
- Nest




Placer County Water Agency
Middle Fork American River Project

Map 7.6-3

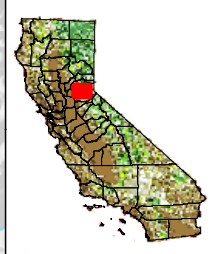
**Location of Osprey
in the Vicinity of the MFP**

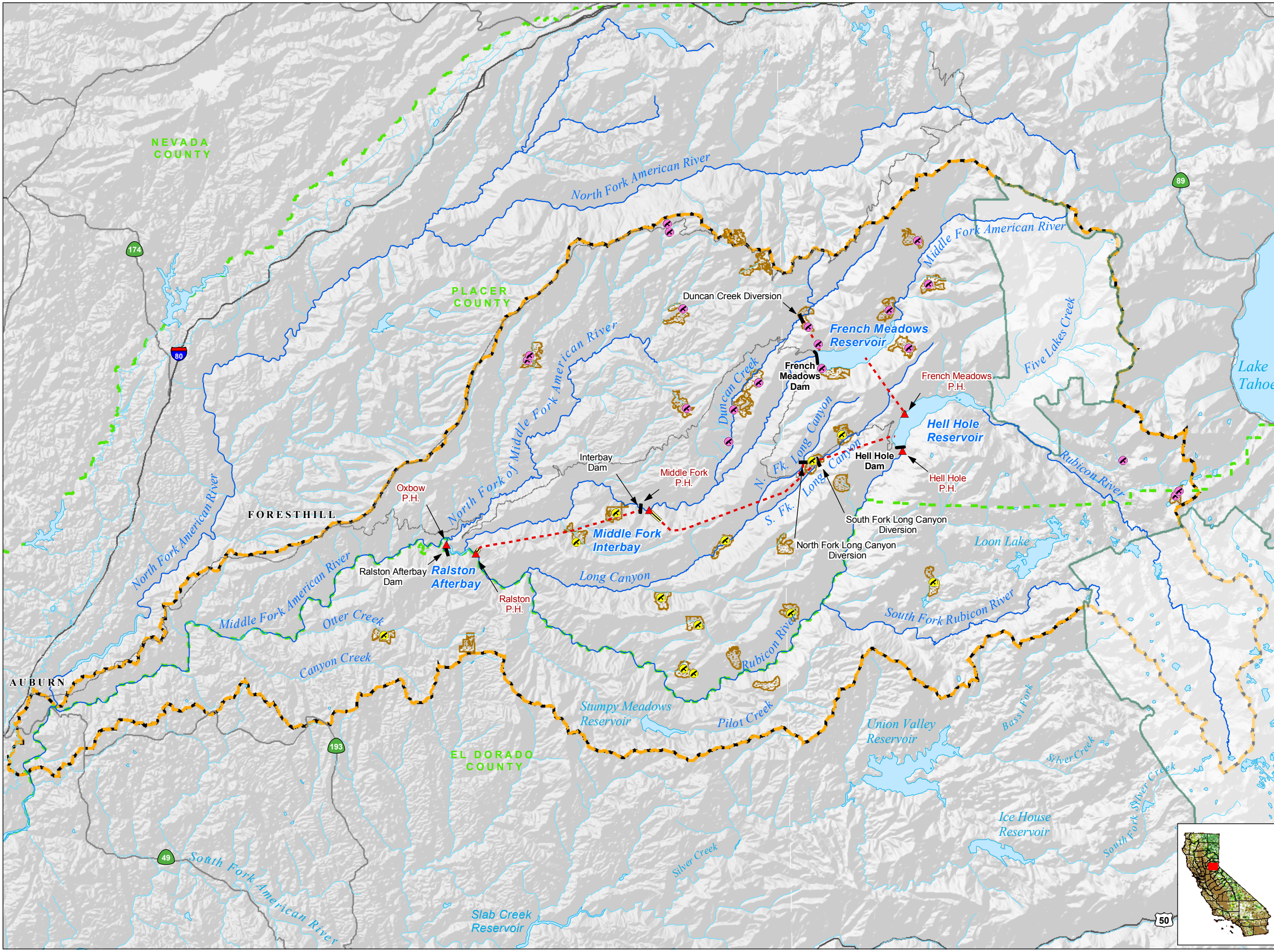


Date: 9/12/10



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





Project Facilities

- ▲ Powerhouse
- Dam
- - - Tunnel
- == Penstock

Transportation

- Major Road
- Minor Road

Hydrography

- Watercourse
- Water Body
- Middle Fork American River Watershed*

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

Designated Boundary

- County Boundary
- Wilderness Area

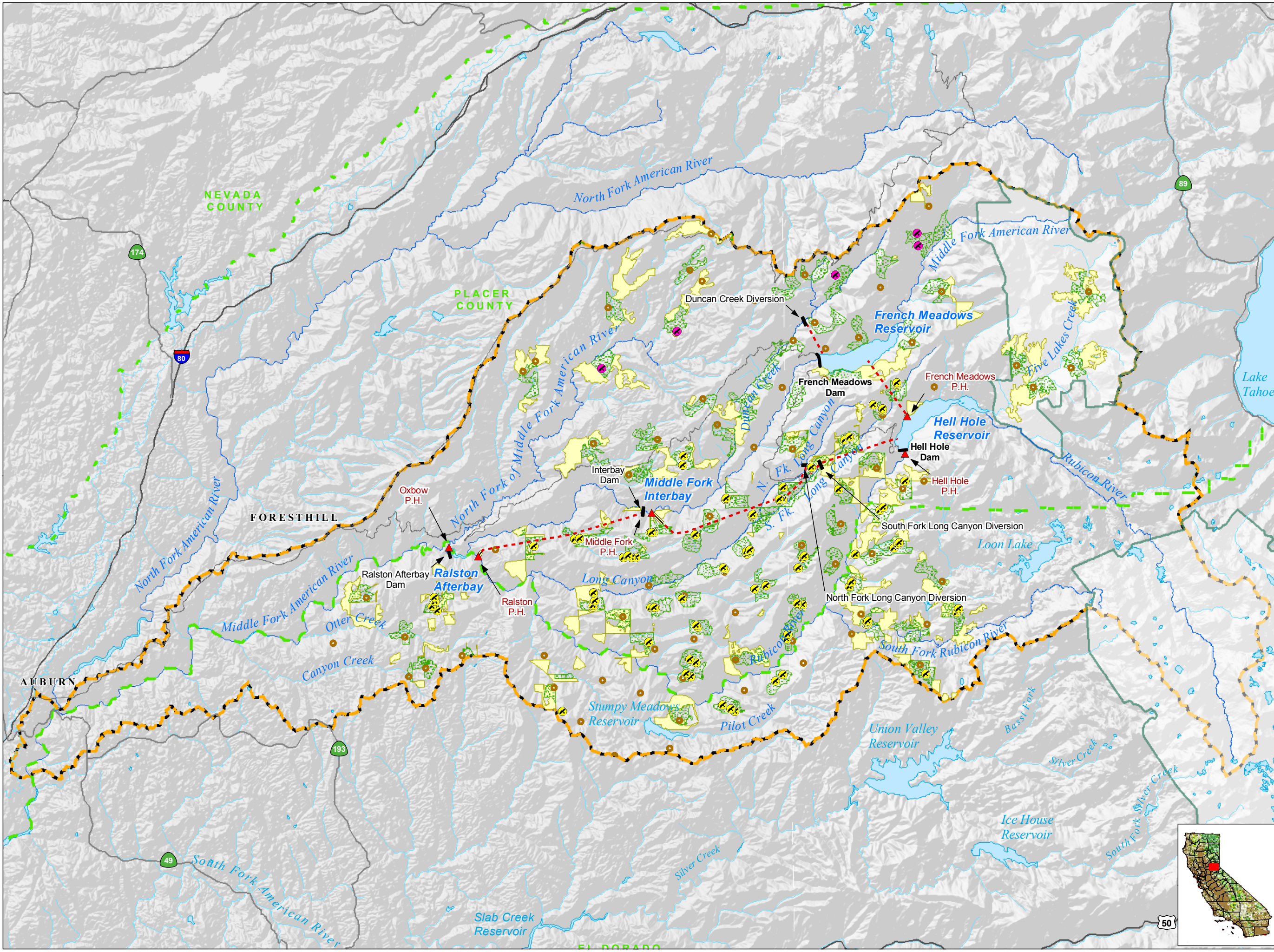
Northern Goshawk Data (with source)

- Northern Goshawk Protected Activity Center "PAC" (ENF and TNF)
- Northern Goshawk Nests (TNF only)
- Northern Goshawk Nests (ENF only)

PCWA
Placer County Water Agency
Middle Fork American River Project

Map 7.6-4
Northern Goshawk PACs and Nest Trees Present in the Middle Fork American River Watershed

0 1 2 3 4 5 Miles
Projection: CA State Plane, Zone 2
Datum: NAD 83
Date: 9/12/10



Project Facilities

- Powerhouse
- Dam
- Tunnel
- Penstock

Transportation

- Major Road
- Minor Road

Hydrography

- Watercourse
- Water Body
- Middle Fork American River Watershed*

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

Designated Boundary

- County Boundary
- Wilderness Areas

Spotted Owl Data (with Source)

- Spotted Owl Protected Activity Center "PAC" (USFSR5)
- Spotted Owl Home Range Core Area "HRCA" (USFSR5)
- Spotted Owl Nests (TNF only)
- Spotted Owl Nests (ENF only)
- Spotted Owl Nests (USFSR5)



Placer County Water Agency
Middle Fork American River Project

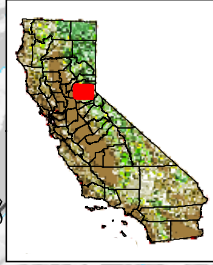
Map 7.6-5

California Spotted Owl PACs, Nest Trees and Home Range Core Areas Present in the Middle Fork American River Watershed



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

Date: 9/12/10



Mule Deer Important Habitats*

- Fawning Areas
- Holding Areas
- Critical Summer Range
- Winter Range
- Critical Winter Range
- Summer
- Intermediate Range
- Migration Routes

* Composite of Tahoe National Forest and El Dorado National Forest Data

Project Facilities

- Powerhouse
- Dam
- Tunnel
- Penstock

Transportation

- Major Road
- Minor Road

Hydrography

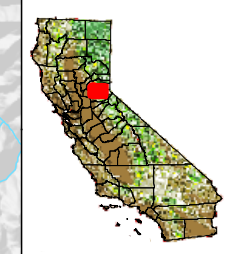
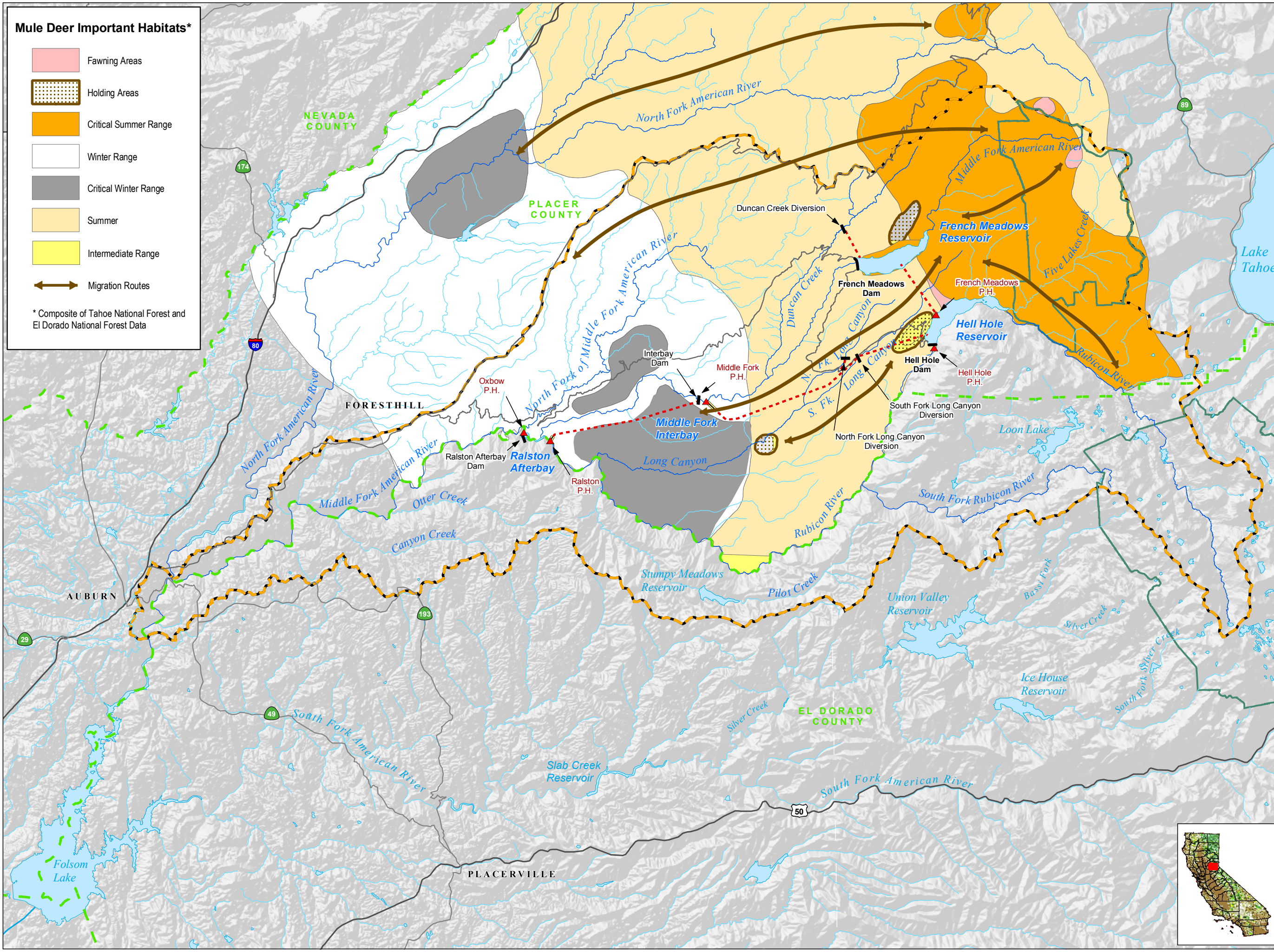
- Watercourse
- Water Body

Middle Fork American River Watershed*

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

Designated Boundary

- County Boundary
- Wilderness Area



Placer County Water Agency
 Middle Fork American River Project
Map 7.6-6a
Blue Canyon Mule Deer Herd
Important Habitats and Migration Patterns
in the Vicinity of the
Middle Fork American River Watershed

Projection: CA State Plane, Zone 2
 Datum: NAD 83
 Date: 2/9/11

Mule Deer Important Habitats

- Critical Fawning Areas
- Intermediate Range
- Summer Range
- Critical Summer Range
- Winter Range
- Critical Winter Range
- Migration Routes

Project Facilities

- Powerhouse
- Dam
- Tunnel
- Penstock

Transportation

- Major Road
- Minor Road

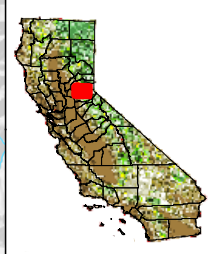
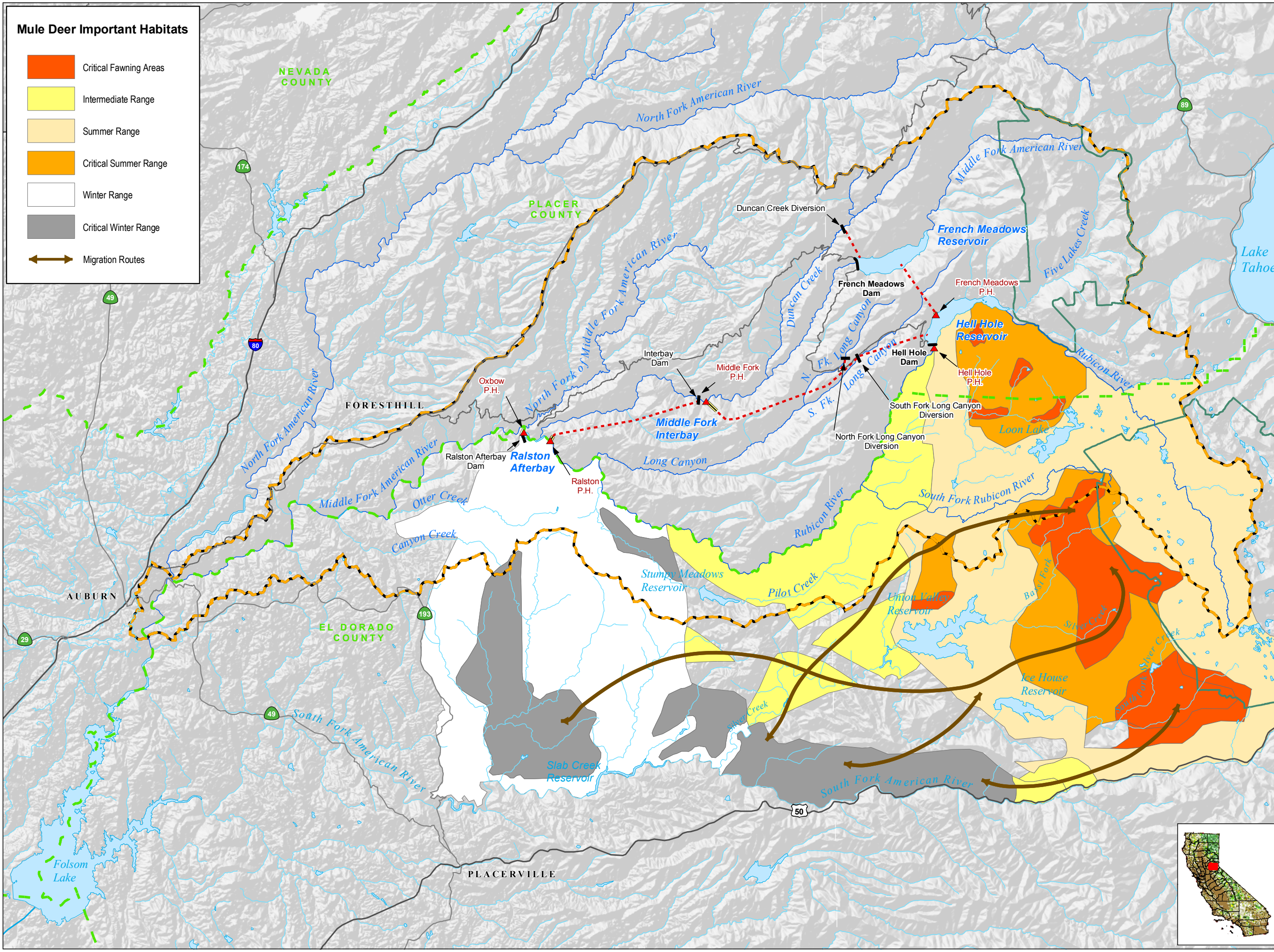
Hydrography

- Watercourse
- Water Body
- Middle Fork American River Watershed*

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

Designated Boundary

- County Boundary
- Wilderness Area



Placer County Water Agency
 Middle Fork American River Project
Map 7.6-6b
Pacific Mule Deer Herd
Important Habitats and Migration Patterns
in the Vicinity of the
Middle Fork American River Watershed

0 1 2 3 4 5 Miles
 Projection: CA State Plane, Zone 2
 Datum: NAD 83
 Date: 2/9/11

PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Closure
- Access Point
- Public Safety Fence
- 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
- Other Road

Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Trailer Sanitary Station
- Water Supply Line (Above ground)
- Water Supply Line (Buried)

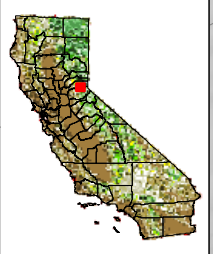
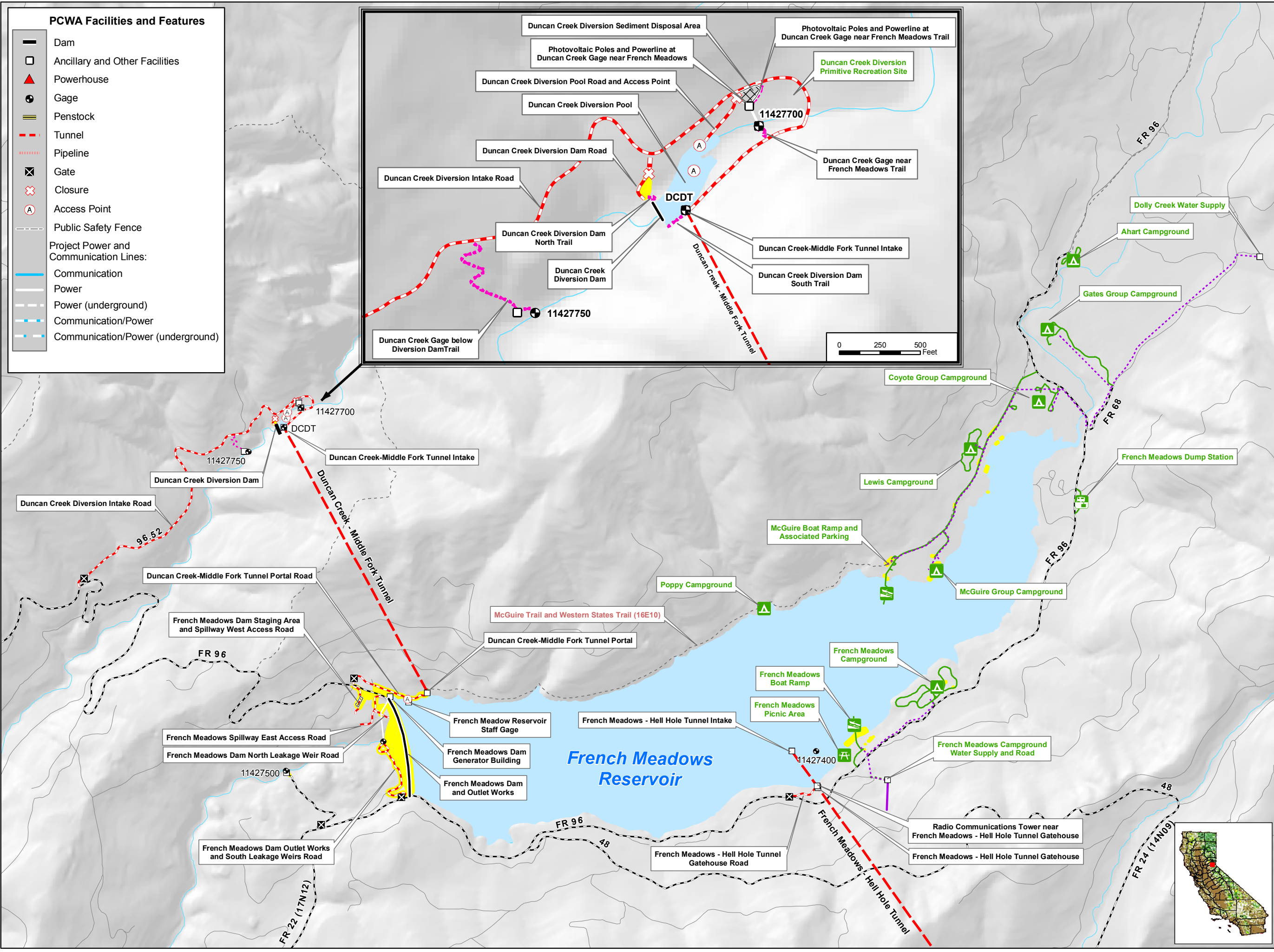
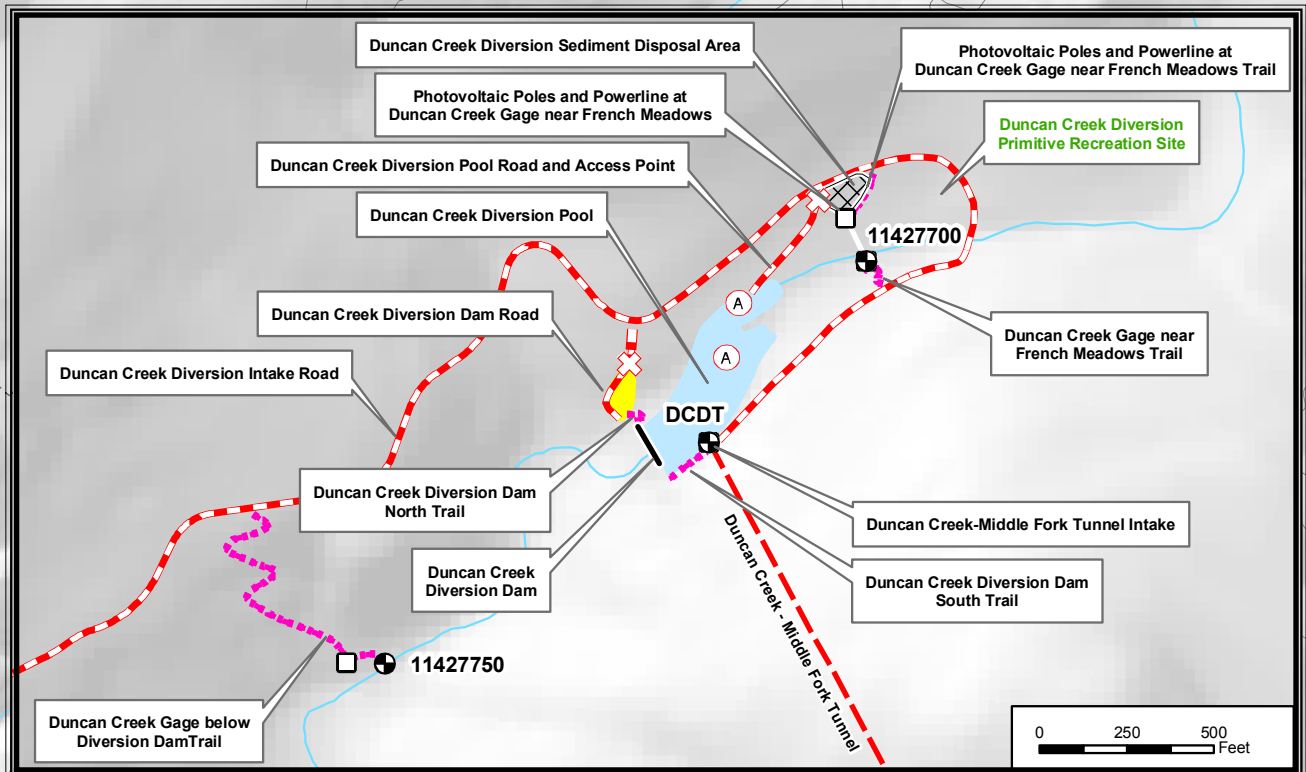
Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

Noxious Weeds

- Priority Noxious Weeds Populations



Placer County Water Agency
Middle Fork American River Project

Map 7.6-7a
Location of Priority Noxious Weeds
in the Vicinity of the MFP
Duncan Creek, French Meadows Area

0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83

Date: 2/1/11

PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Closure
- Access Point
- Public Safety Fence

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
- Other Road

Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Trailer Sanitary Station
- Water Supply Line (Above ground)
- Water Supply Line (Buried)

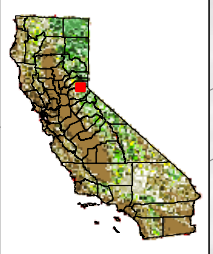
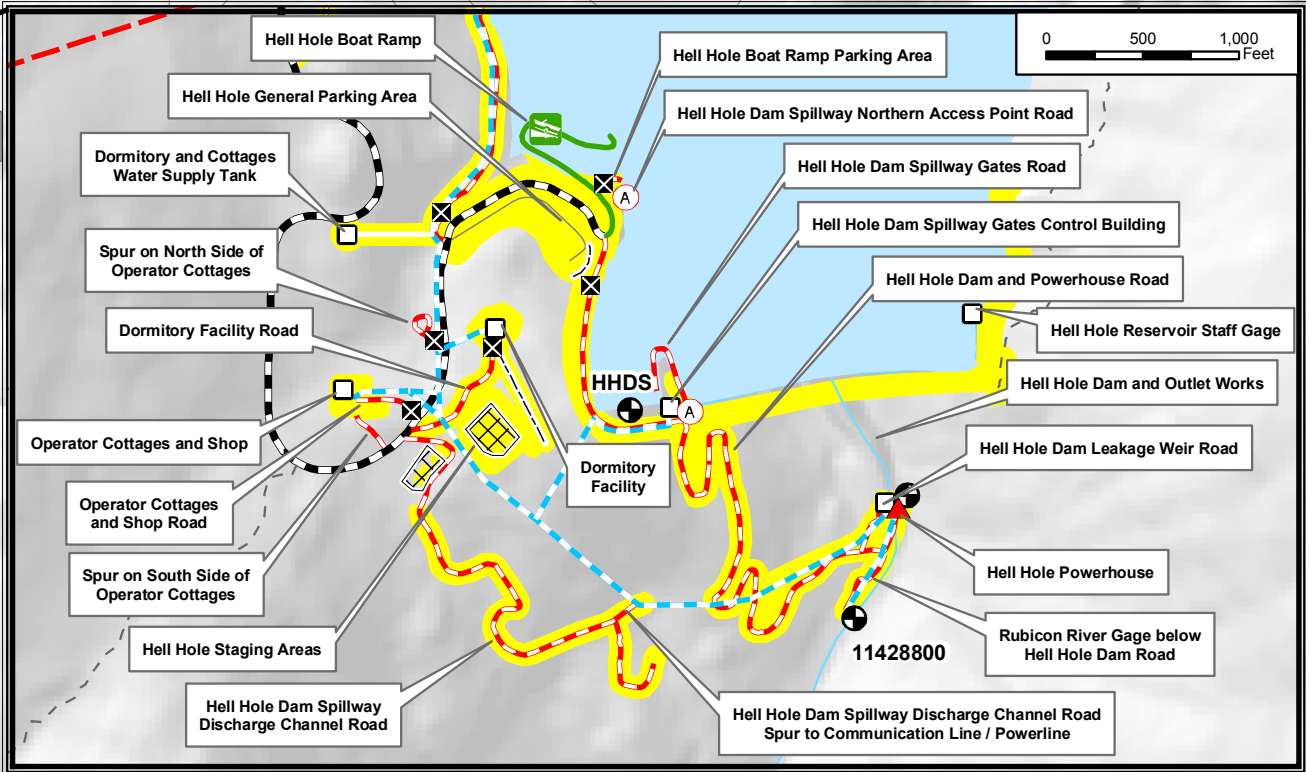
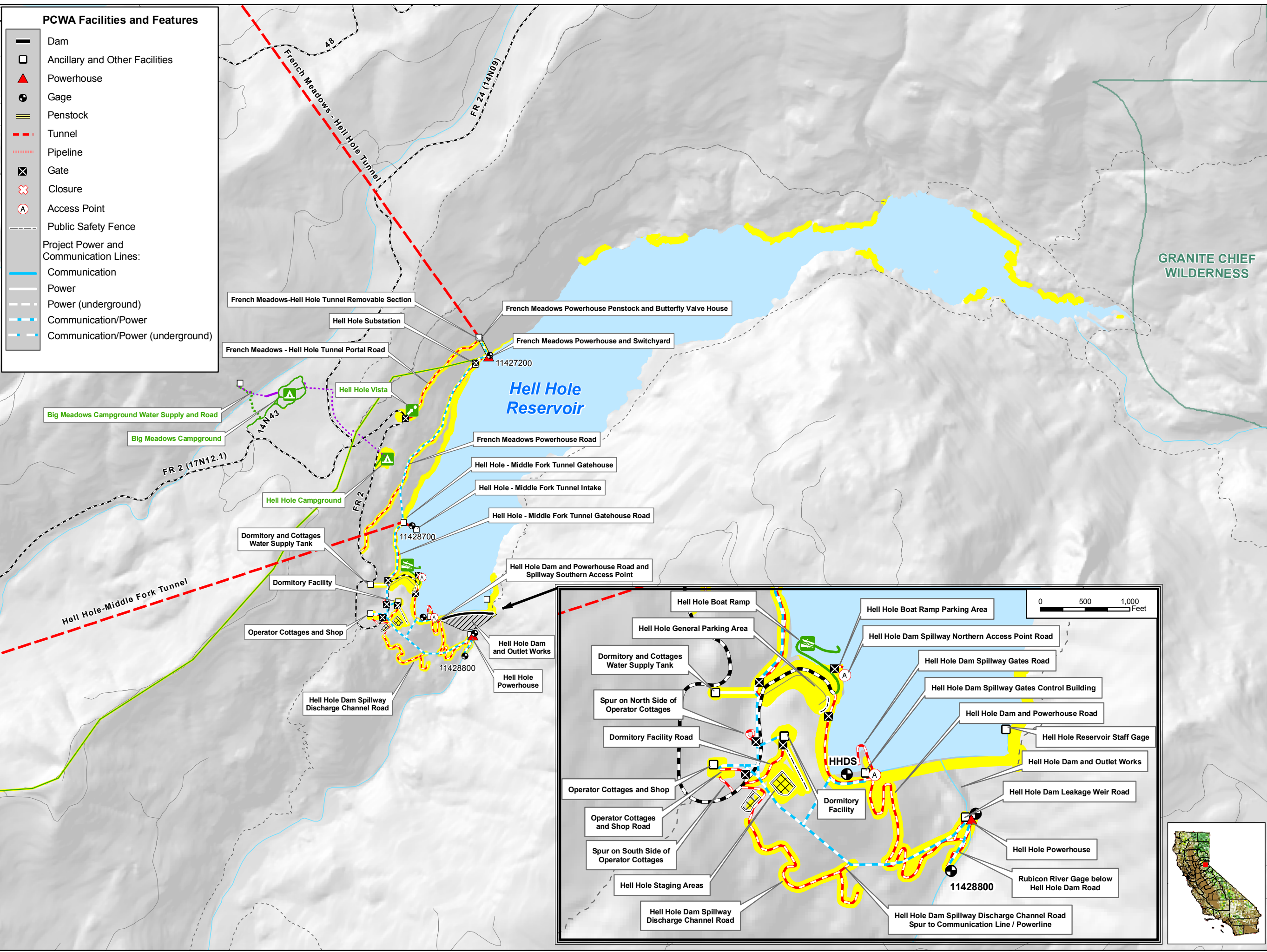
Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

Noxious Weeds

- Priority Noxious Weeds Populations



PCWA
Placer County Water Agency
Middle Fork American River Project

Map 7.6-7b
Location of Priority Noxious Weeds in the Vicinity of the MFP
Hell Hole Area

0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83
Date: 2/9/11

PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Closure
- Access Point
- Public Safety Fence

Project Power and Communication Lines:

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

This inset map shows the North Fork Long Canyon area. Key features include:

- North Fork Long Canyon Creek Gage below Diversion Dam Trail
- North Fork Long Canyon Diversion North Road
- North Fork Long Canyon Diversion South Road
- North Fork Long Canyon Diversion Drop Inlet
- North Fork Long Canyon Diversion Drop Inlet Road
- North Fork Long Canyon Diversion Pipe
- North Fork Long Canyon Diversion Dam
- North Fork Long Canyon Crossing Removable Section North Road
- North Fork Long Canyon Crossing Removable Section South Road
- Long Canyon Crossing Sediment Disposal Area

 The map includes a scale bar from 0 to 1,000 feet and labels for NFLCC (11433080, 11433085) and SFLCC (11433080, 11433085).

Transportation

- Non-Project General Access Road
- Project Road
- Project Trail
- Recreation Access Road
- Recreation Water Supply Facility Access Road or Trail
- Other Road

Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Trailer Sanitary Station
- Water Supply Line (Above ground)
- Water Supply Line (Buried)

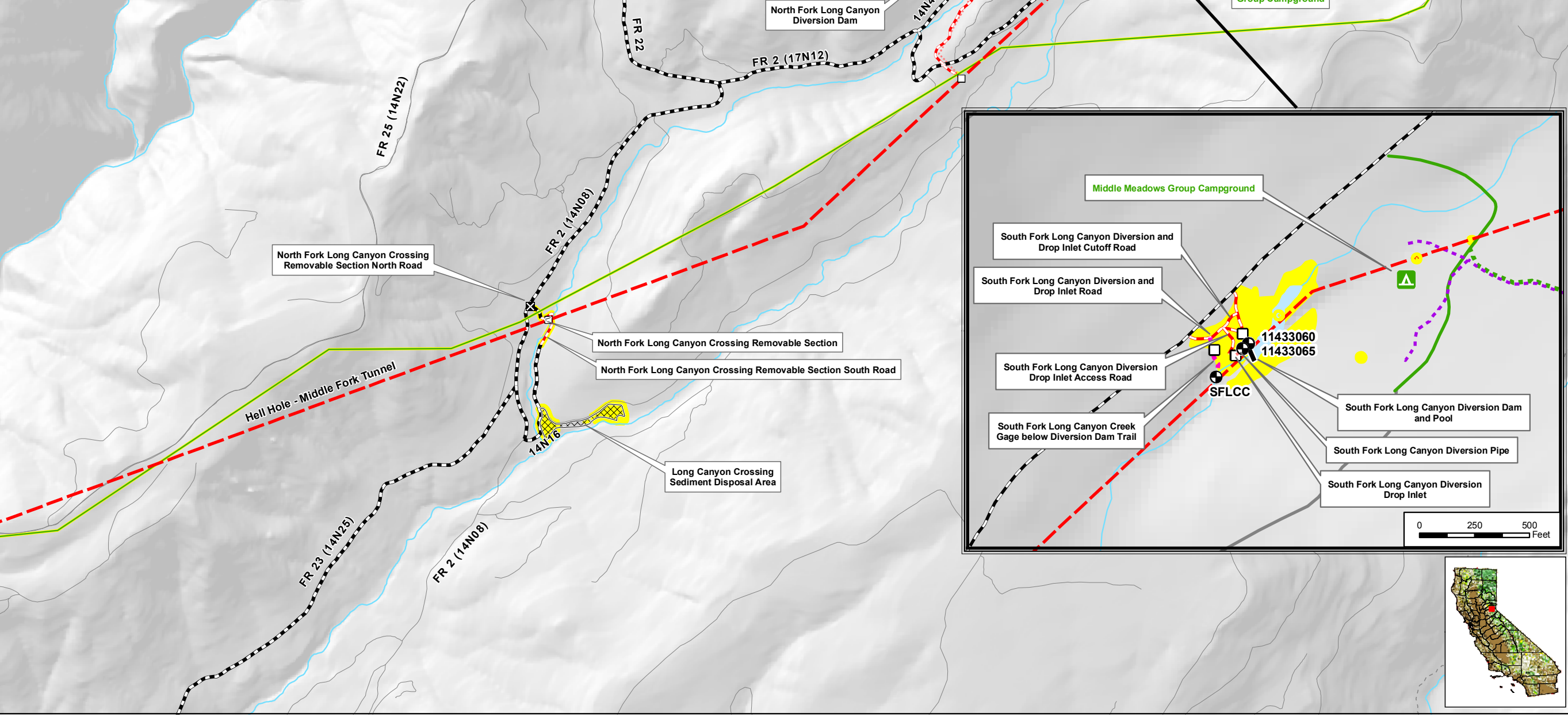
Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

Noxious Weeds

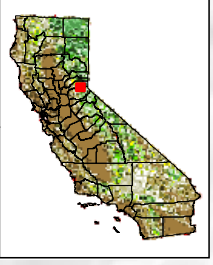
- Priority Noxious Weeds Populations



This inset map shows the South Fork Long Canyon area. Key features include:

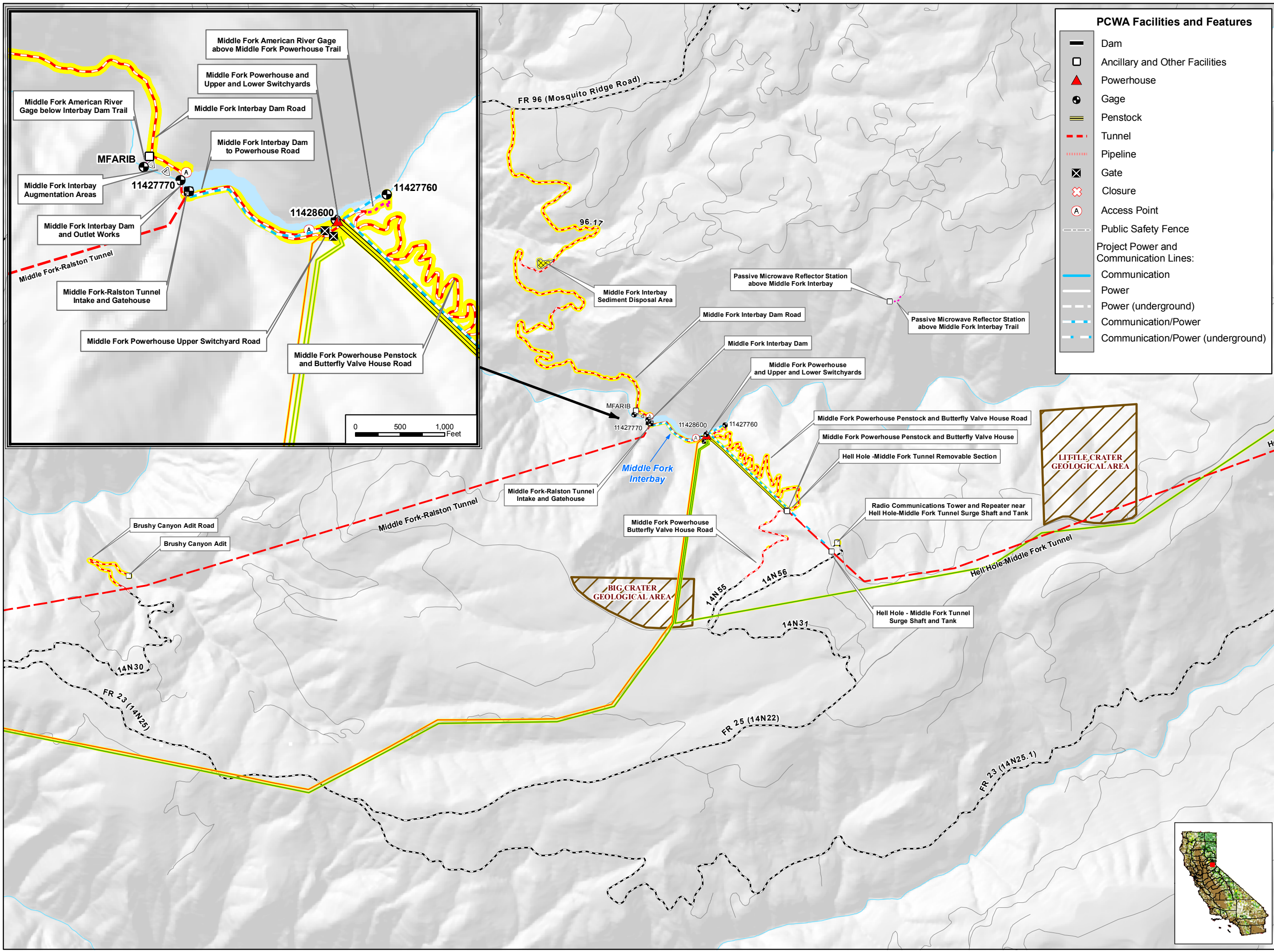
- Middle Meadows Group Campground
- South Fork Long Canyon Diversion and Drop Inlet Cutoff Road
- South Fork Long Canyon Diversion and Drop Inlet Road
- South Fork Long Canyon Diversion Drop Inlet Access Road
- South Fork Long Canyon Creek Gage below Diversion Dam Trail
- South Fork Long Canyon Diversion Dam and Pool
- South Fork Long Canyon Diversion Pipe
- South Fork Long Canyon Diversion Drop Inlet

 The map includes a scale bar from 0 to 500 feet and labels for NFLCC (11433060, 11433065) and SFLCC.



PCWA
Placer County Water Agency
Middle Fork American River Project
Map 7.6-7c
Location of Priority Noxious Weeds in the Vicinity of the MFP
Long Canyon Area

0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83
Date: 2/1/11



PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Closure
- Access Point
- Public Safety Fence
- 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
- Other Road

Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Trailer Sanitary Station
- Water Supply Line (Above ground)
- Water Supply Line (Buried)

Other Facilities

PG & E Transmission Lines:

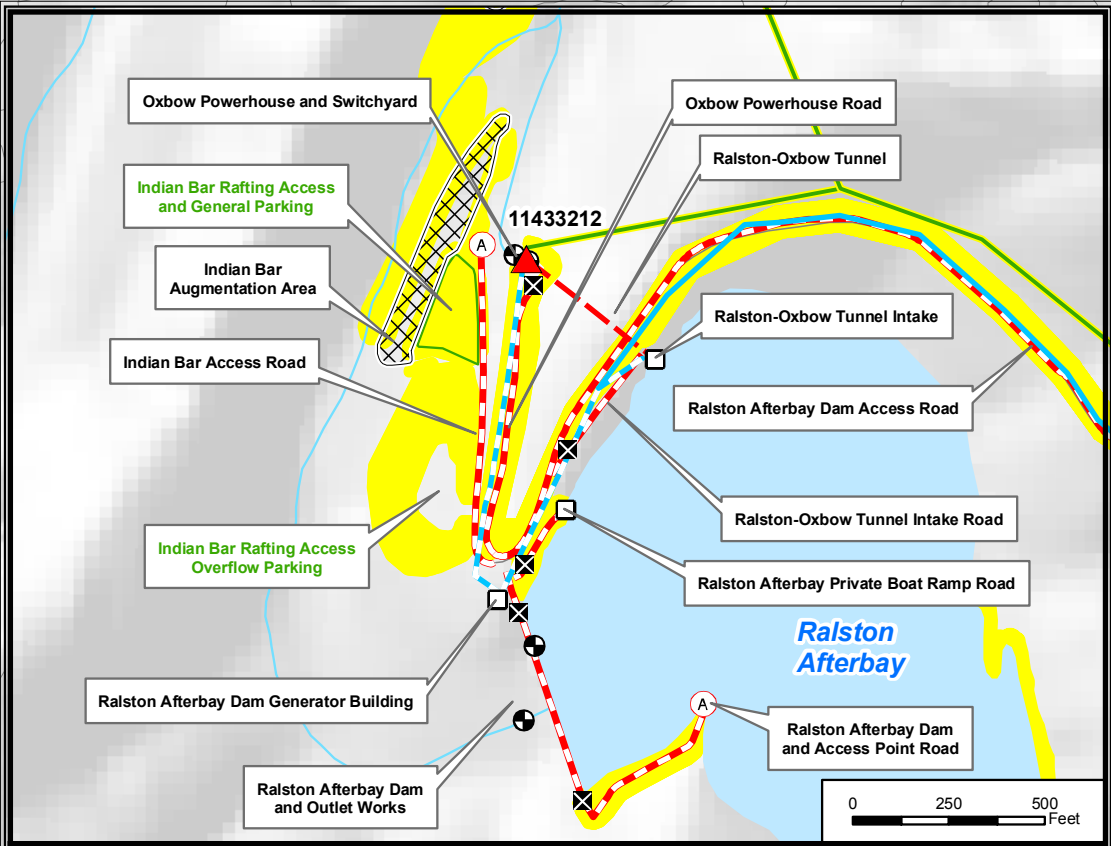
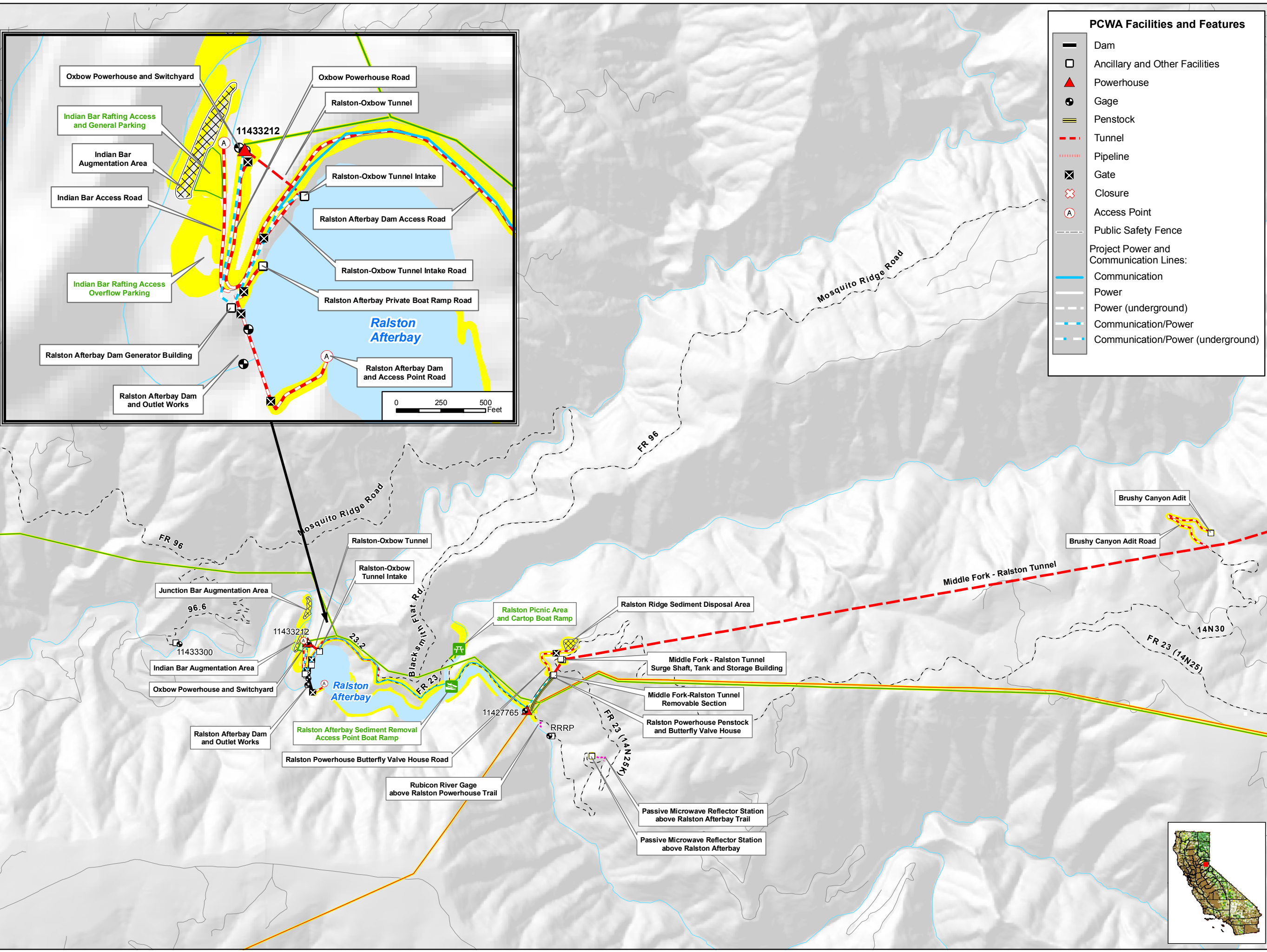
- 230 kV
- 60 kV

Noxious Weeds

- Priority Noxious Weeds Populations

Placer County Water Agency
Middle Fork American River Project
Map 7.6-7d
Location of Priority Noxious Weeds
in the Vicinity of the MFP
Middle Fork Interbay Area

0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83
Date: 2/9/11



PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Pipeline
- Gate
- Closure
- Access Point
- Public Safety Fence
- 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
- Other Road

Project Recreation Facilities

- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Trailer Sanitary Station
- Water Supply Line (Above ground)
- Water Supply Line (Buried)

Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

Noxious Weeds

- Priority Noxious Weeds Populations

Placer County Water Agency
Middle Fork American River Project

Map 7.6-7e

Location of Priority Noxious Weeds in the Vicinity of the MFP

Ralston - Oxbow Area

0 0.25 0.5 Miles

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

Date: 2/1/11