

Middle Fork Project Facts and Figures

PROJECT SUMMARY

Project Completed 1967

Total Energy Production Capacity:	223.75 megawatts
Average Annual Energy Production:	1,026,975 megawatt-hours
Total Gross Water Storage:	345,560 acre-feet
Earth and Rockfill Dams:	11,900,000 cubic yards
Concrete Dams and Diversions:	94,000 cubic yards
Tunnels and Penstocks:	23.2 miles

RESERVOIRS AND DIVERSIONS	Elevation	Storage Capacity
Duncan Creek Diversion	5,265'	20 af
French Meadows Reservoir	5,262'	134,993 af
Hell Hole Reservoir	4,630'	207,590 af
North Fork Long Canyon Diversion	4,716'	0.39 af
South Fork Long Canyon Diversion	4,640'	0.83 af
Middle Fork Interbay	2,529'	175 af
Ralston Afterbay	1,175'	2,782 af

POWERHOUSES	Elevation	Production Capacity
French Meadows Powerhouse	4,630'	15.3 MW
Hell Hole Powerhouse	4,240'	0.7 MW
Middle Fork Powerhouse	2,529'	122.4 MW
Ralston Powerhouse	1,175'	79.2 MW
Oxbow Powerhouse	1,089'	6.1 MW

TUNNELS	Discharge Capacity
Duncan Creek-Middle Fork Tunnel	- 400 cfs
French Meadows-Hell Hole Tunnel	- 400 cfs
Hell Hole-Middle Fork Tunnel	- 920 cfs
Middle Fork-Ralston Tunnel	- 836 cfs
Ralston-Oxbow Tunnel	- 1,088 cfs



Placer County Water Agency
Middle Fork American River Project

**VIPMP Map 1
Middle Fork Project and Vicinity**



PCWA Facilities and Features

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

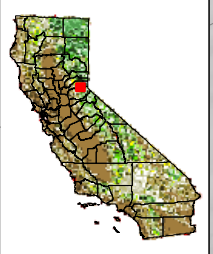
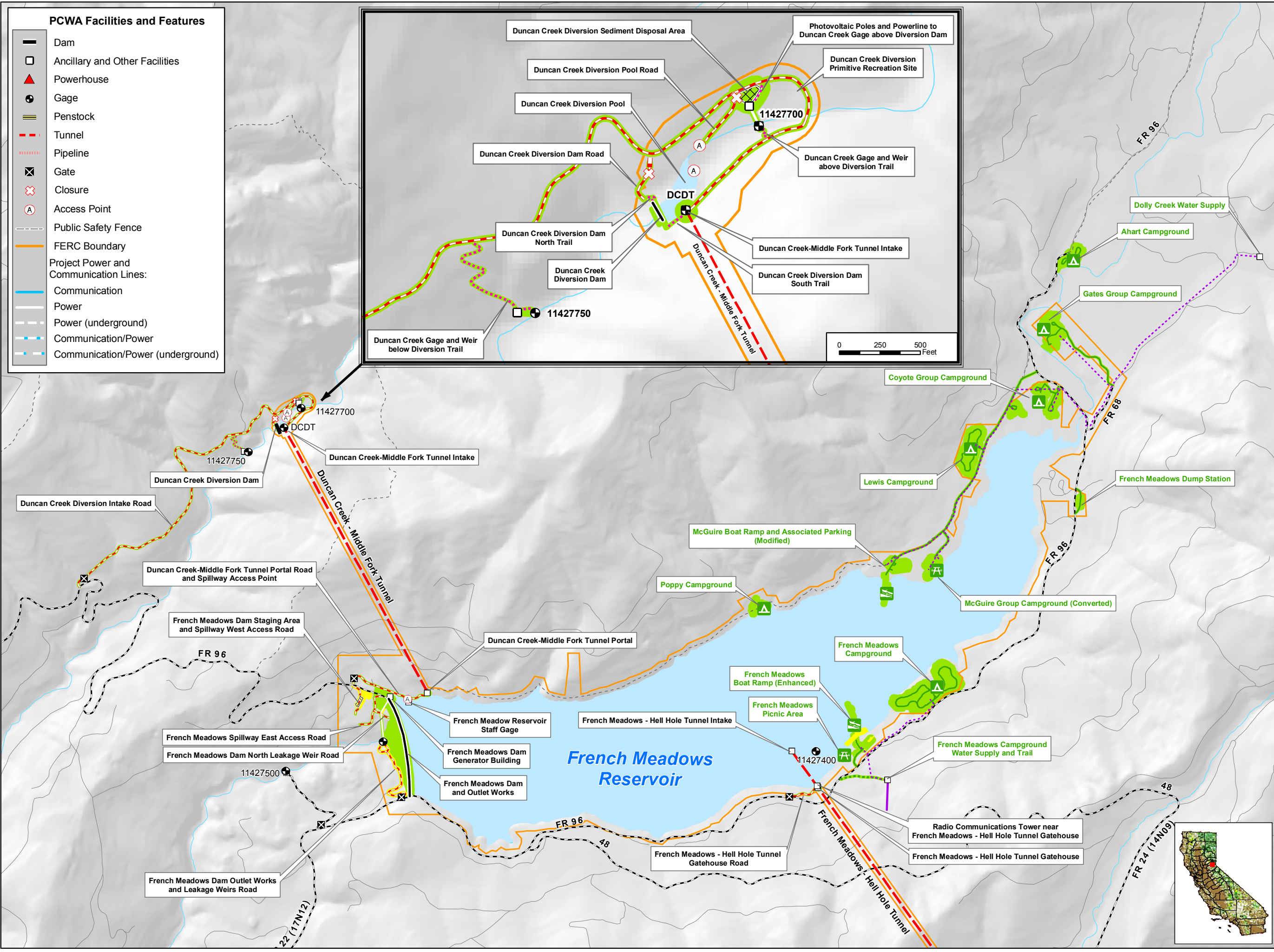
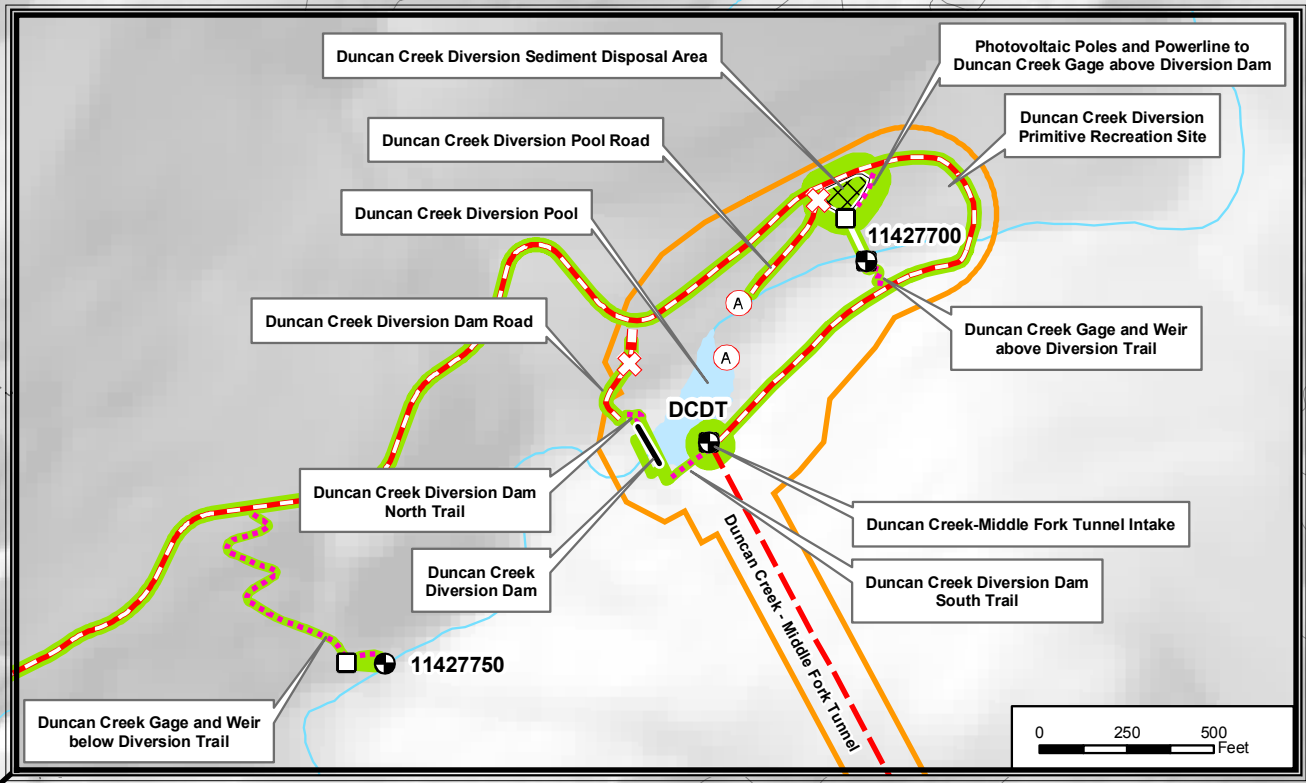
Other Facilities

PG & E Transmission Lines:

- 230 kV
- 60 kV

Noxious Weeds

- Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods
- Vegetation Mgt. Areas



Placer County Water Agency
Middle Fork American River Project
VIPMP Map 2a

Location of Select Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods and Vegetation Management Work Areas

Duncan Creek, French Meadows Area

Date: 9/1/10

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

PCWA Facilities and Features

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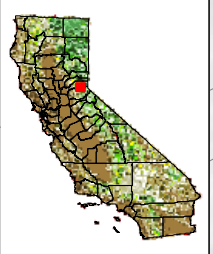
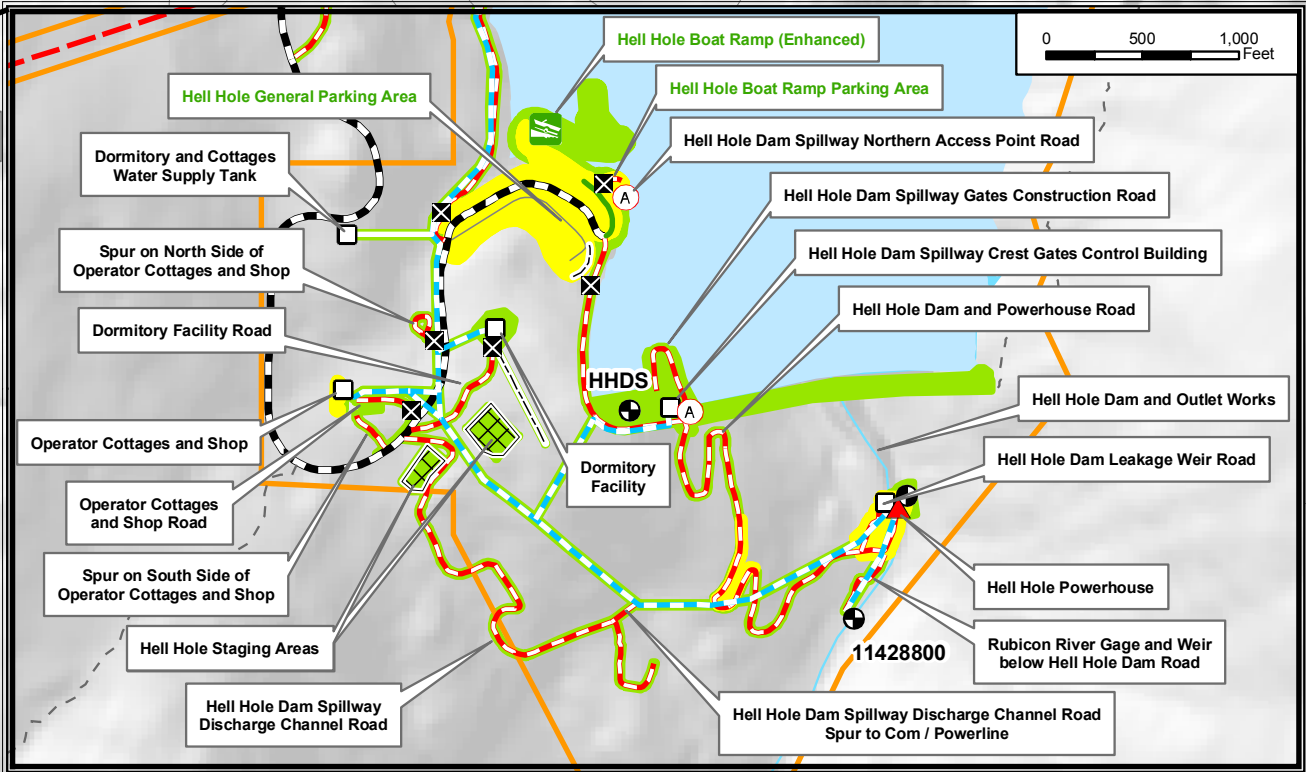
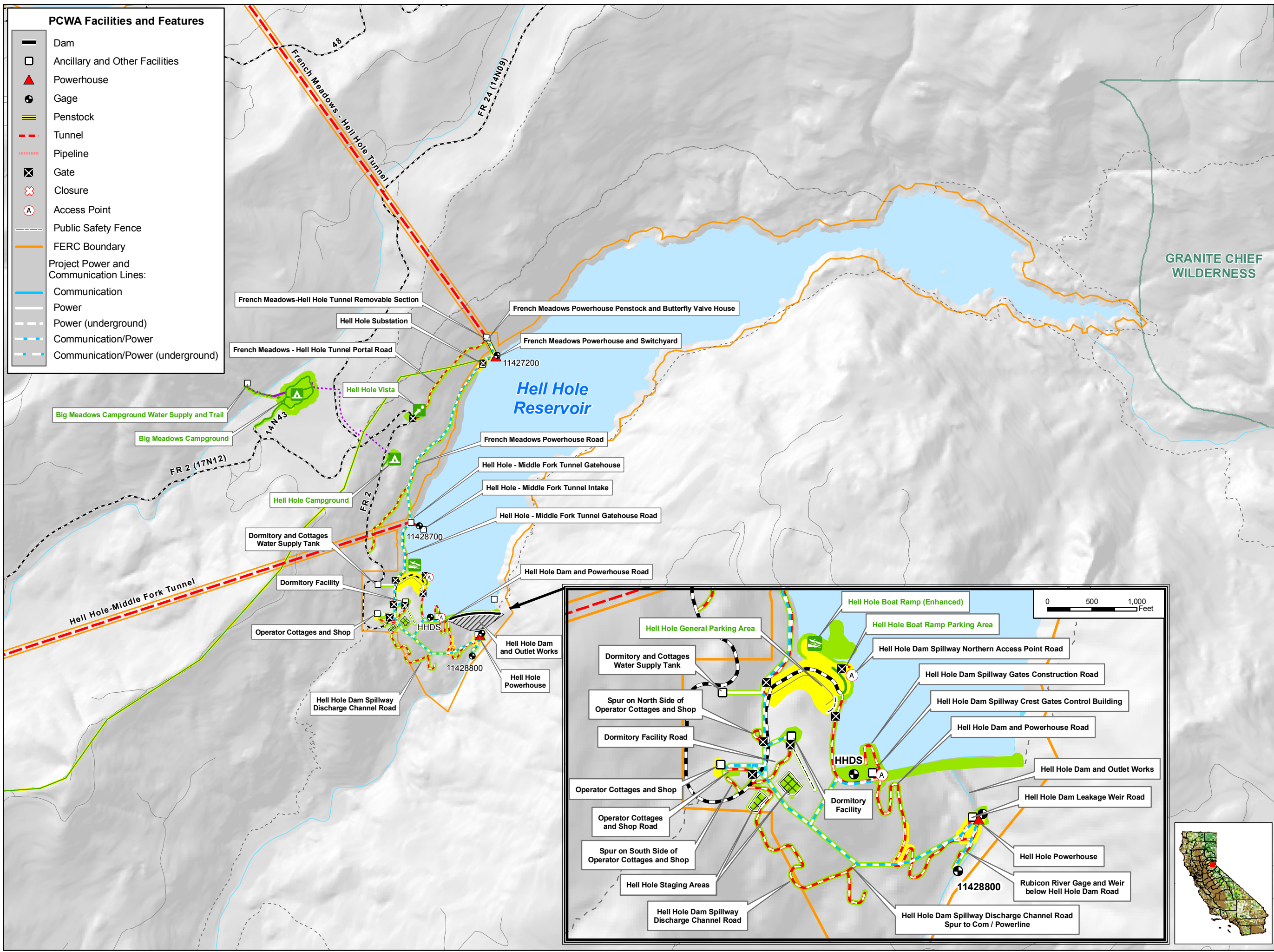
Other Facilities

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Noxious Weeds

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PCWA
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Middle Fork American River Project
VIPMP Map 2b
Location of Select Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods and Vegetation Management Work Areas
Hell Hole Area

Date: 9/2/10
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83

PCWA Facilities and Features

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- FERC Boundary

Project Power and Communication Lines:

- Communication
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- Communication/Power
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Transportation

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Other Facilities

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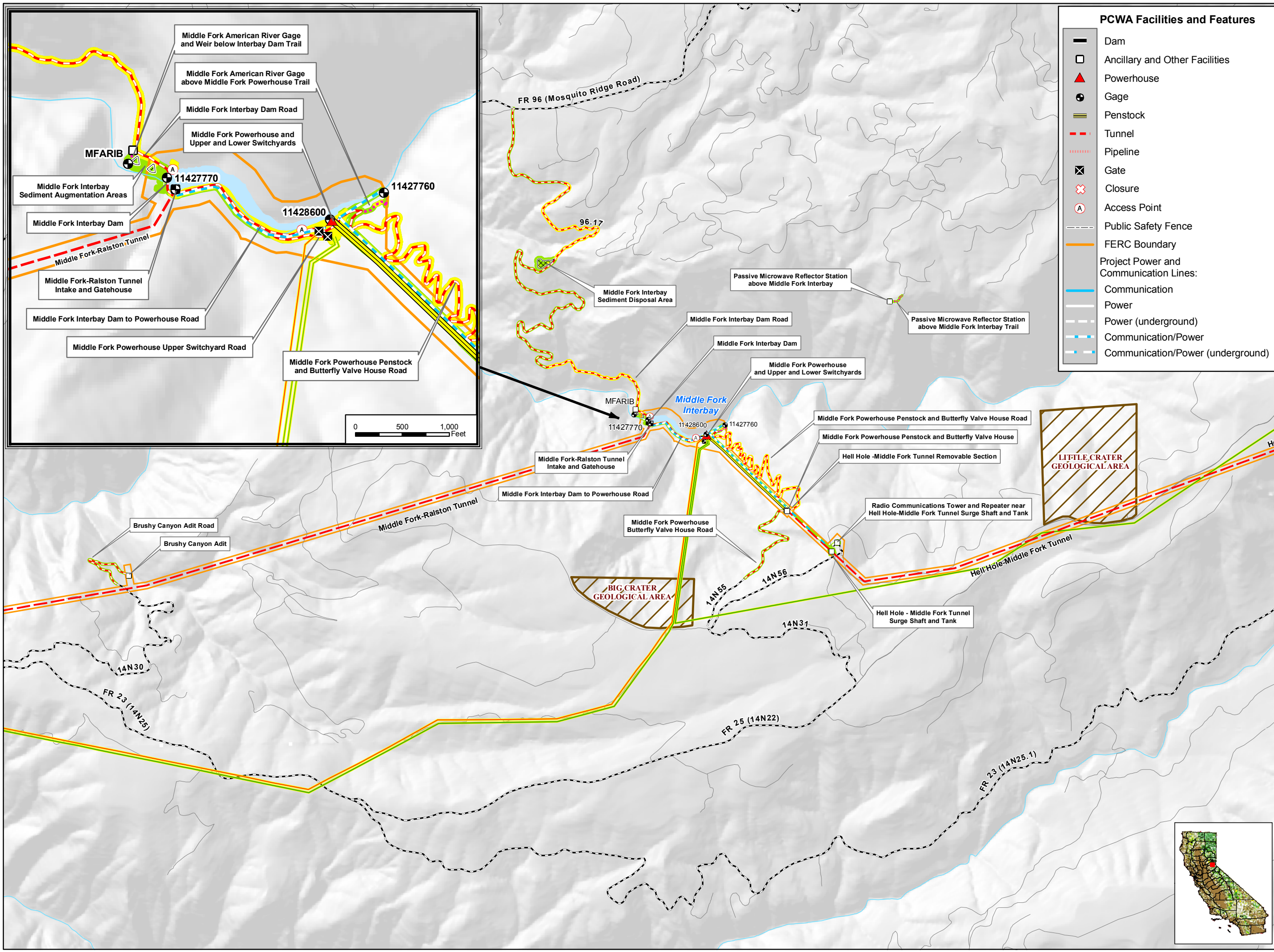
Noxious Weeds

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Middle Fork American River Project
VIPMP Map 2c

Location of Select Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods and Vegetation Management Work Areas
Long Canyon Area

0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83
Date: 9/1/10



PCWA Facilities and Features

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Other Facilities

PG & E Transmission Lines:

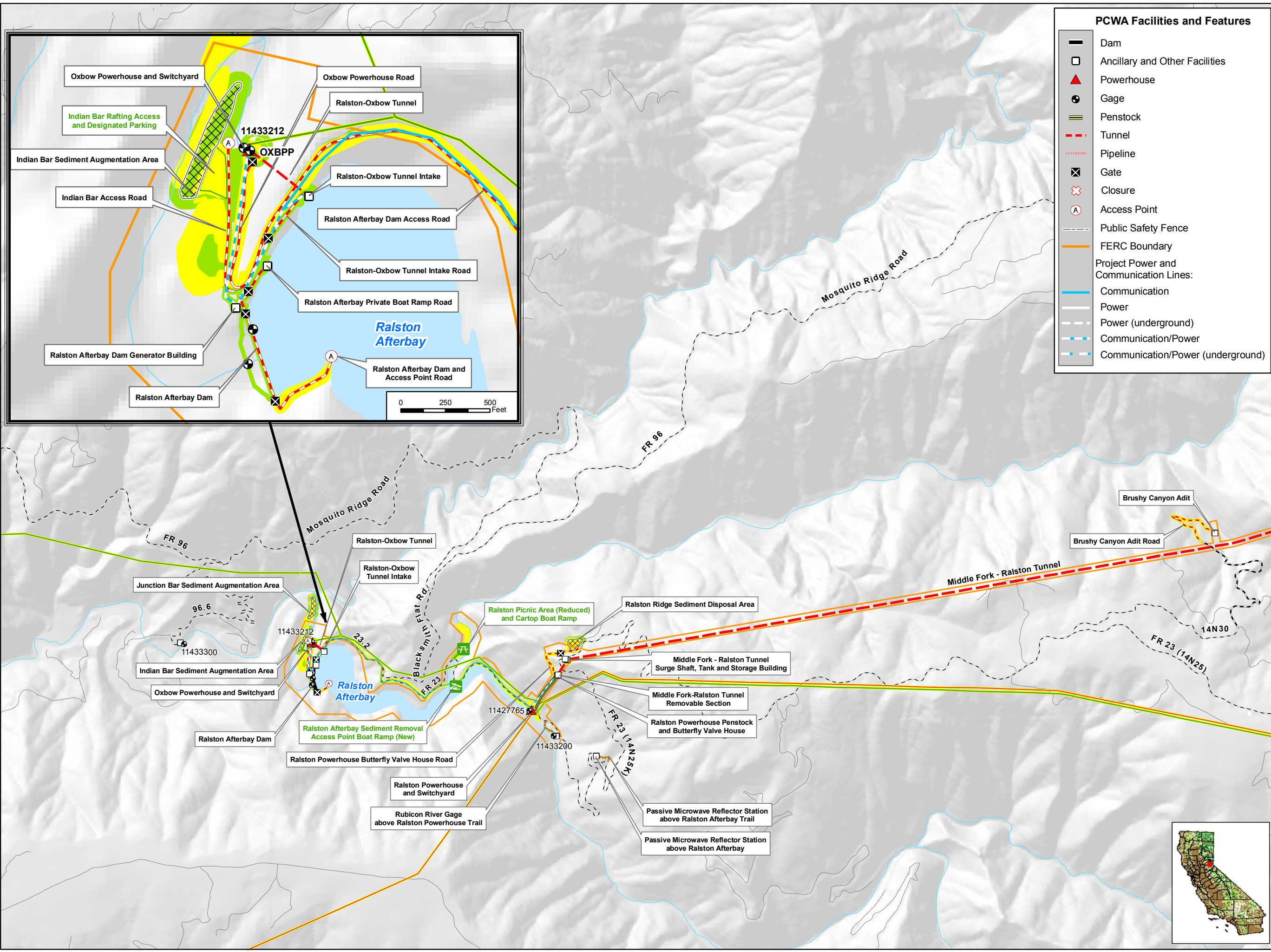
- 230 kV
- 60 kV

Noxious Weeds

- Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods
- Vegetation Mgt. Areas

Placer County Water Agency
Middle Fork American River Project
VIPMP Map 2d
Location of Select Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods and Vegetation Management Work Areas
Middle Fork Interbay Area

0 0.25 0.5 Miles
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83
Date: 9/1/10



PCWA Facilities and Features

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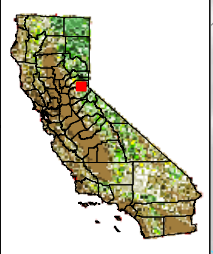
Noxious Weeds

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Placer County Water Agency
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VIPMP Map 2e

Location of Select Target Noxious Weed Populations to be Controlled using Manual/Chemical Methods and Vegetation Management Work Areas
Ralston - Oxbow Area



0 0.25 0.5 Miles

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

Date: 9/2/10