

**Middle Fork Project Facts and Figures**

**PROJECT SUMMARY**

Project Completed	1967
Total Energy Production Capacity:	223.7 MW
Average Annual Energy Production:	1,026,975 MWh
Total Gross Water Storage:	345,560 acre-feet (af)
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	5,244.5'	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	1,179'	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

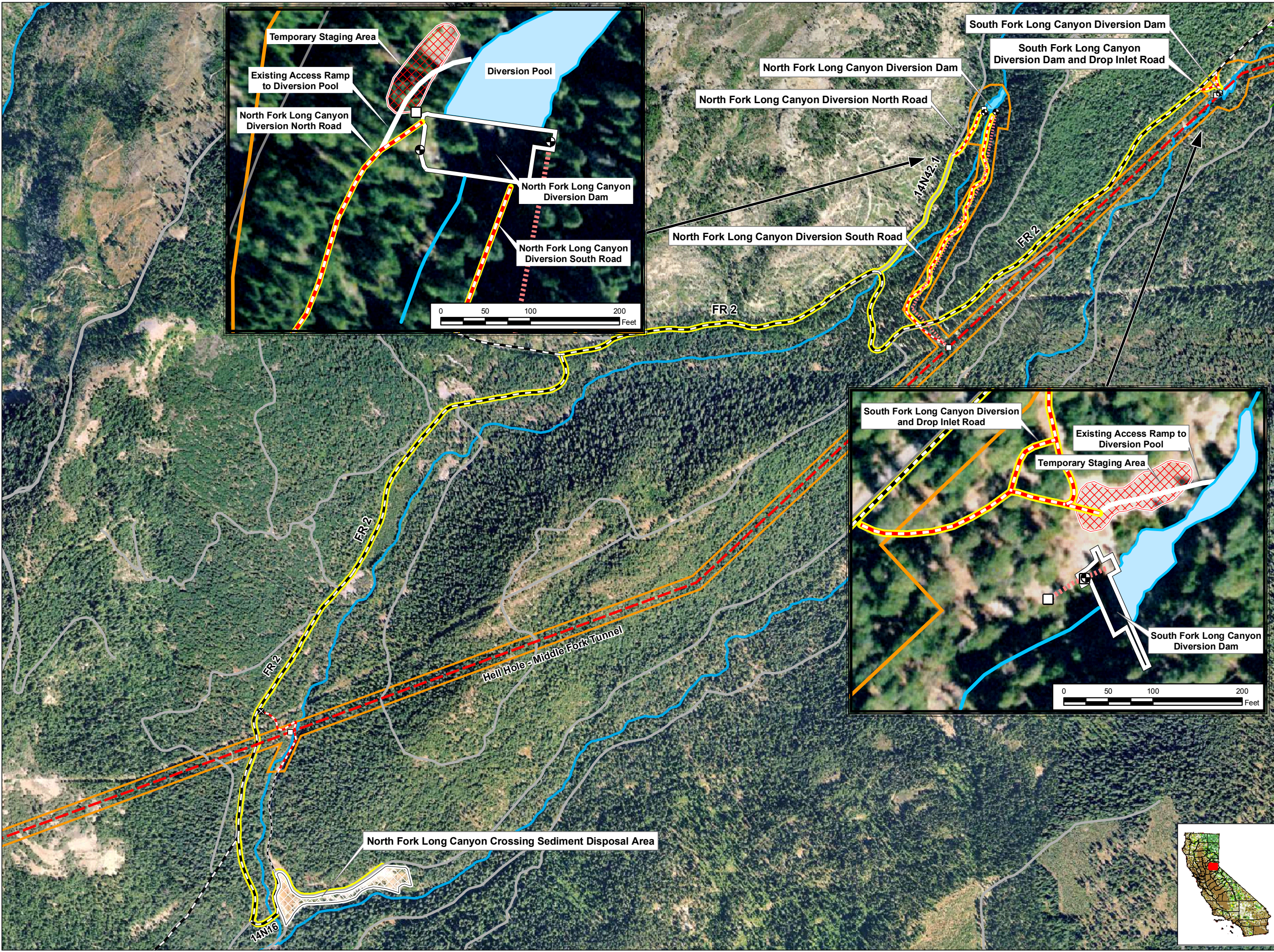
TUNNELS	Discharge Capacity
Duncan Creek-Middle Fork Tunnel	- 400 cfs
French Meadows-Hell Hole Tunnel	- 400 cfs
Hell Hole-Middle Fork Tunnel	- 920 cfs
Middle Fork-Ralston Tunnel	- 836 cfs
Ralston-Oxbow Tunnel	- 1,088 cfs




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







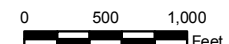
- PCWA Facilities and Features**
- Dam
  - Ancillary and Other Facilities
  - Powerhouse
  - Gage
  - Penstock
  - Tunnel
  - Pipeline
  - Gate
  - Current FERC Boundary
- Transportation**
- Non-Project General Access Road
  - Project Road
  - Project Trail
  - Recreation Access Road
  - Recreation Facility Water Supply Access Road or Trail
  - Other Road
- Sediment Management: Related Features**
- Access Point
  - Sediment Disposal Area
  - Sediment Disposal Route
  - Existing Ramp
  - Staging Area



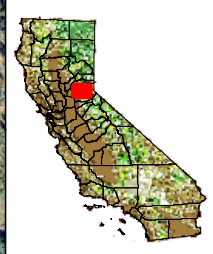
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**SMP Map 2**

**Sediment Management Area  
Long Canyon**























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

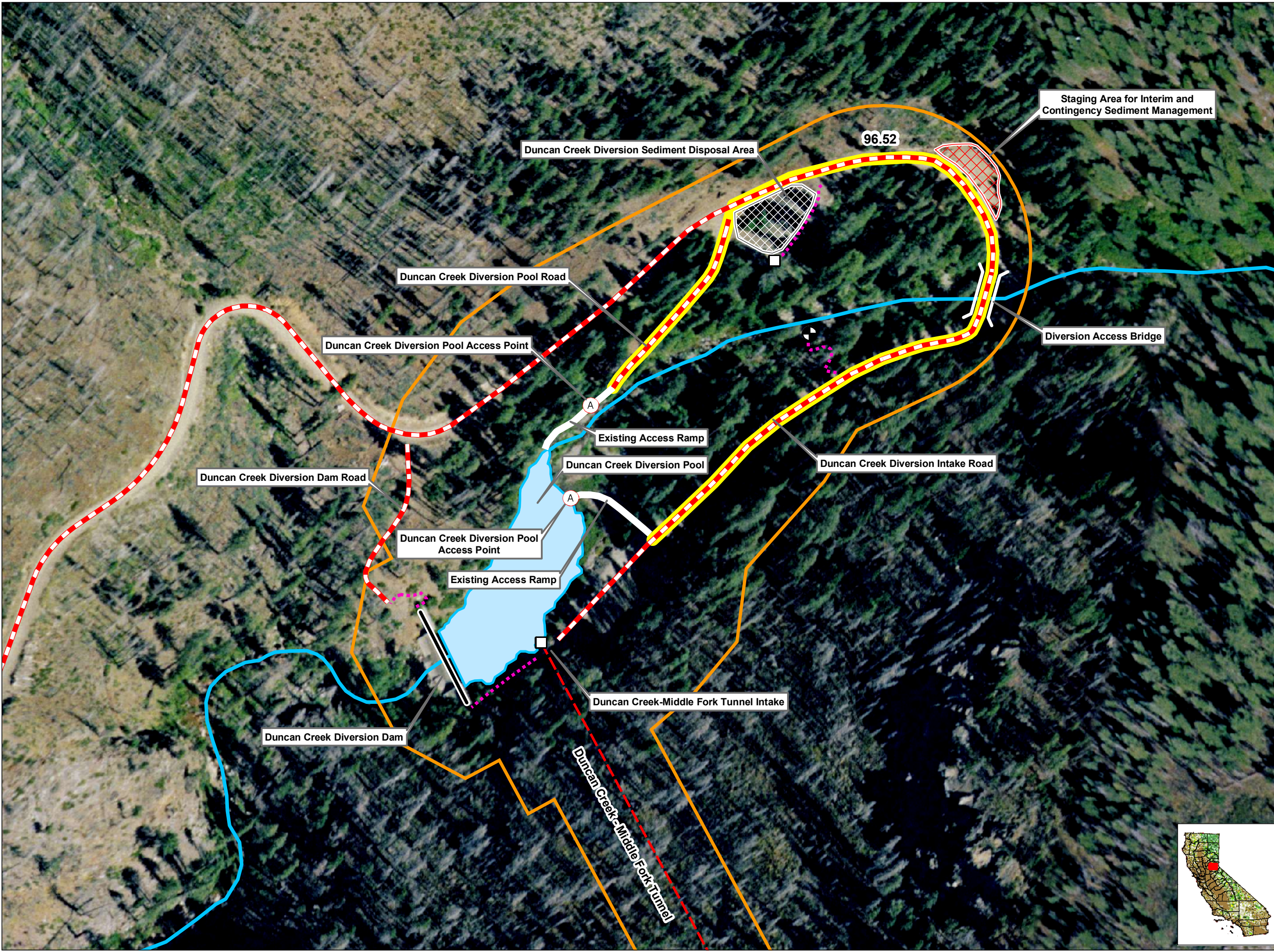


Date: 7/23/10



**PCWA Facilities and Features**

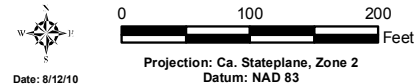
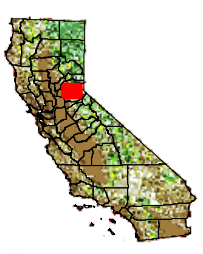
-  Dam
  -  Ancillary and Other Facilities
  -  Powerhouse
  -  Gage
  -  Penstock
  -  Tunnel
  -  Pipeline
  -  Gate
  -  Current FERC Boundary
- Transportation**
-  Non-Project General Access Road
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  -  Project Trail
  -  Recreation Access Road
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- Sediment Management:  
Related Features**
-  Access Point
  -  Sediment Disposal Area
  -  Sediment Disposal Route
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  -  Staging Area



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**SMP Map 3**

**Sediment Management Area  
Duncan Creek**




0 100 200 Feet  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 8/12/10



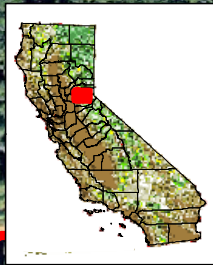


- PCWA Facilities and Features**
- Dam
  - Ancillary and Other Facilities
  - ▲ Powerhouse
  - ⊙ Gage
  - ≡ Penstock
  - - - Tunnel
  - ⋯ Pipeline
  - ⊗ Gate
  - Current FERC Boundary
- Transportation**
- Non-Project General Access Road
  - Project Road
  - Project Trail
  - Recreation Access Road
  - Recreation Facility Water Supply Access Road or Trail
  - Other Road
- Sediment Management: Related Features**
- ⊙ Access Point
  - ⊗ Sediment Disposal Area
  - Sediment Disposal Route
  - Sediment Augmentation Area
  - Existing Ramp
  - ⊗ Staging Area



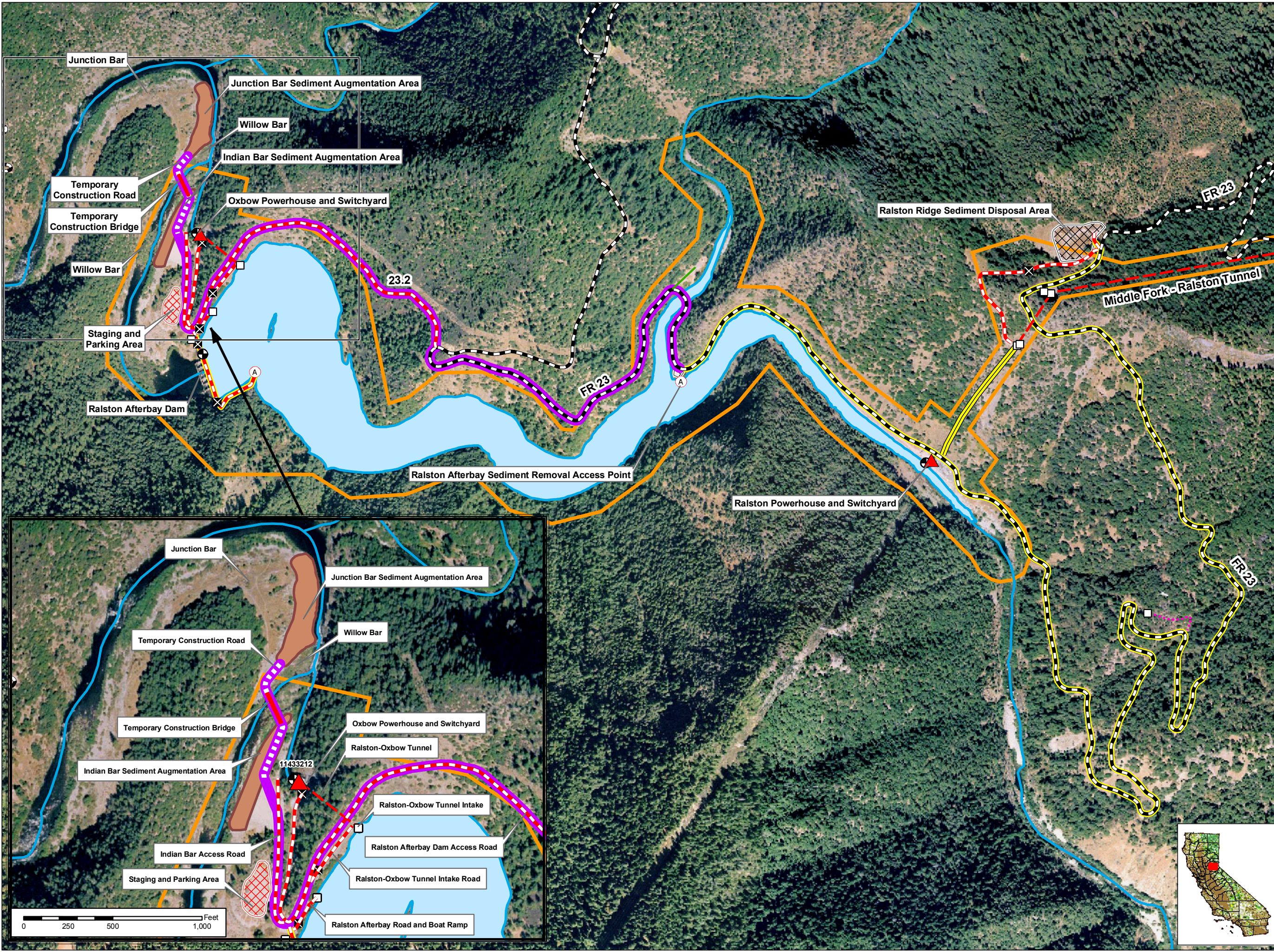
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**SMP Map 4**  
**Sediment Management Area**  
**Middle Fork Interbay**

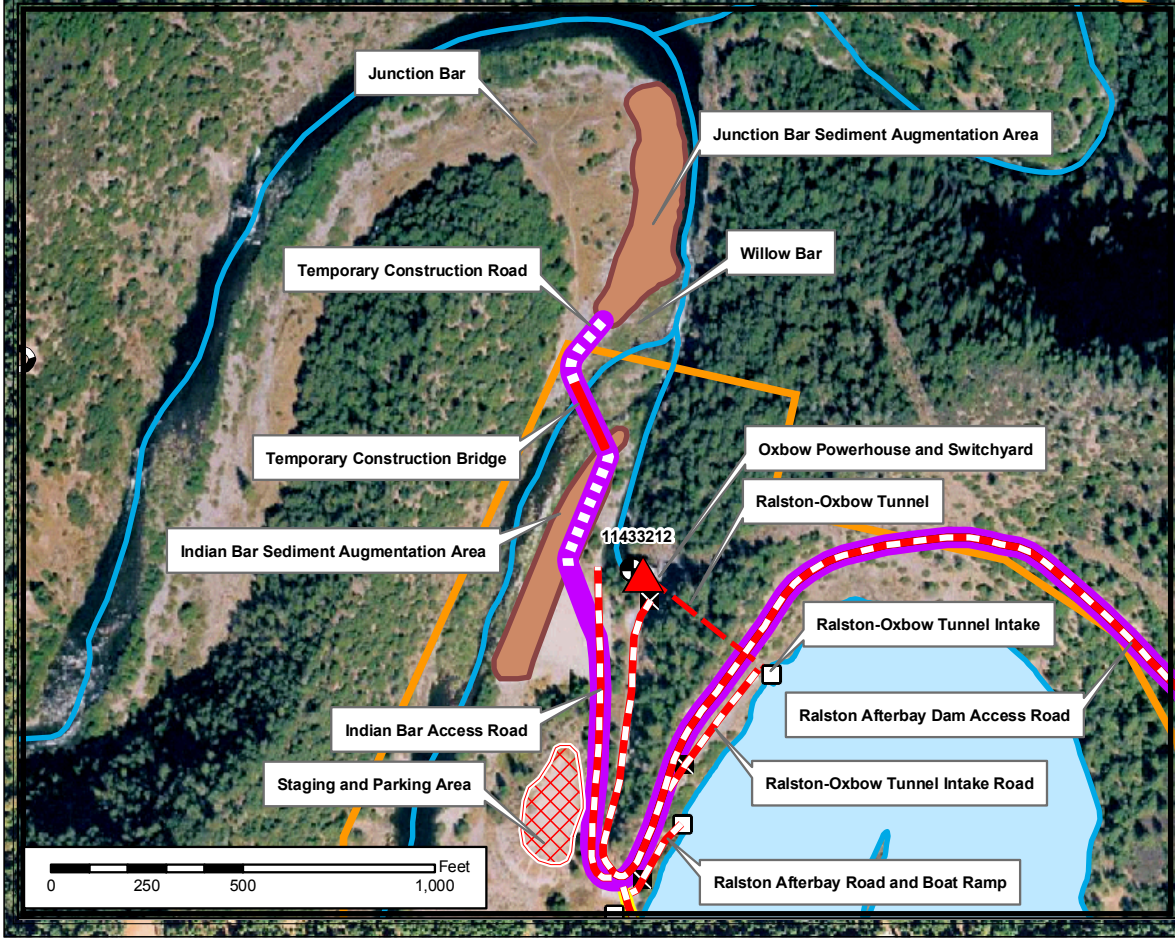


0 250 500 Feet  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 6/9/10





- PCWA Facilities and Features**
- Dam
  - Ancillary and Other Facilities
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  - Penstock
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  - Pipeline
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**PCWA**  
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**SMP Map 5**  
**Sediment Management Area**  
**Ralston Afterbay**

0 250 500 Feet  
Projection: Ca. Stateplane, Zone 2  
Datum: NAD 83  
Date: 7/23/10