



Potential Project Betterments

- Access Road
- Non-Project Road
- Construction Staging and/or Work Area
- Control Building
- Intake Structure
- Parapet
- Penstock
- Outlet Pipe
- Powerline
- Powerhouse
- Crest Gates

PCWA Facilities and Features

- Dam
- Ancillary and Other Facilities
- Powerhouse
- Gage
- Penstock
- Tunnel
- Gate
- Access Point
- Public Safety Fence
- FERC Boundary
- Project Power and Communication Lines:**
- Communication
- Power
- Power (underground)
- Communication/Power
- Communication/Power (underground)
- Transportation**
- Road
- Project Road
- Project Trail
- Recreation Access Road
- Project Recreation Facilities**
- Picnic Area
- Boat Ramp
- Scenic Viewpoint
- Developed Campground
- Water Supply Line
- Other Facilities**
- PG & E Transmission Lines:**
- 230 kV
- 60 kV

Vegetation Communities*

Herb-Dominated Communities	Shrub-Dominated Communities
Annual Grasses / Forbs (HG)	Huckleberry Oak (CH)
Wet Meadow (Grass-Sedge-Rush) (HJ)	Lower Montane Mixed Chaparral (CQ)
Non-Vegetated Areas	Upper Montane Mixed Chaparral (CX)
Barren (BA)	Mountain (Thinleaf) Alder (TA)
Developed/Urban (UB)	
Tree-Dominated Communities	
Black Oak (QK)	Mixed Conifer - Pine (MP)
Blue Oak (QD)	Mixed Riparian Hardwoods (NR)
Canyon Live Oak (QC)	Montane Mixed Hardwoods (TX)
Cottonwood - Alder (QJ)	Pacific Douglas-Fir (DF)
Douglas-Fir - Pine (DP)	Ponderosa Pine (PP)
Gray Pine (PD)	White Alder (QE)
Interior Live Oak (QW)	White Fir (WF)
Interior Mixed Hardwoods (NX)	Willow (QO)
Mixed Conifer - Fir (MF)	Willow - Alder (QY)

*CalVeg Data (2000) with updates from 2007 PCWA field surveys and aerial photo interpretation

Placer County Water Agency
Middle Fork American River Project

Map 2d Vegetation Communities at Ralston Powerhouse Capacity Upgrade

Date: 1/16/08
Projection: Ca. Stateplane, Zone 2
Datum: NAD 83