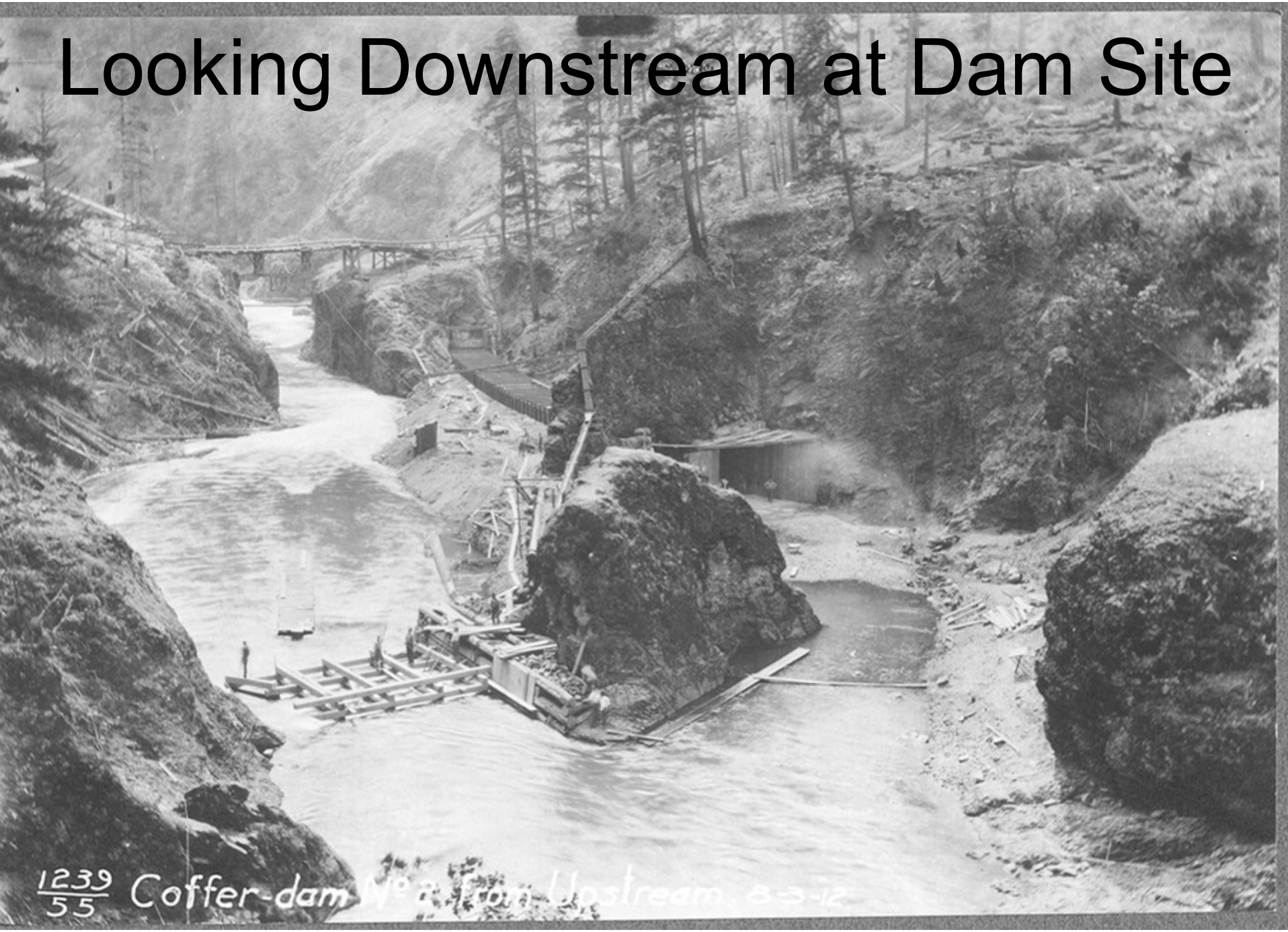
Condit Hydroelectric Project

Project Location & Description

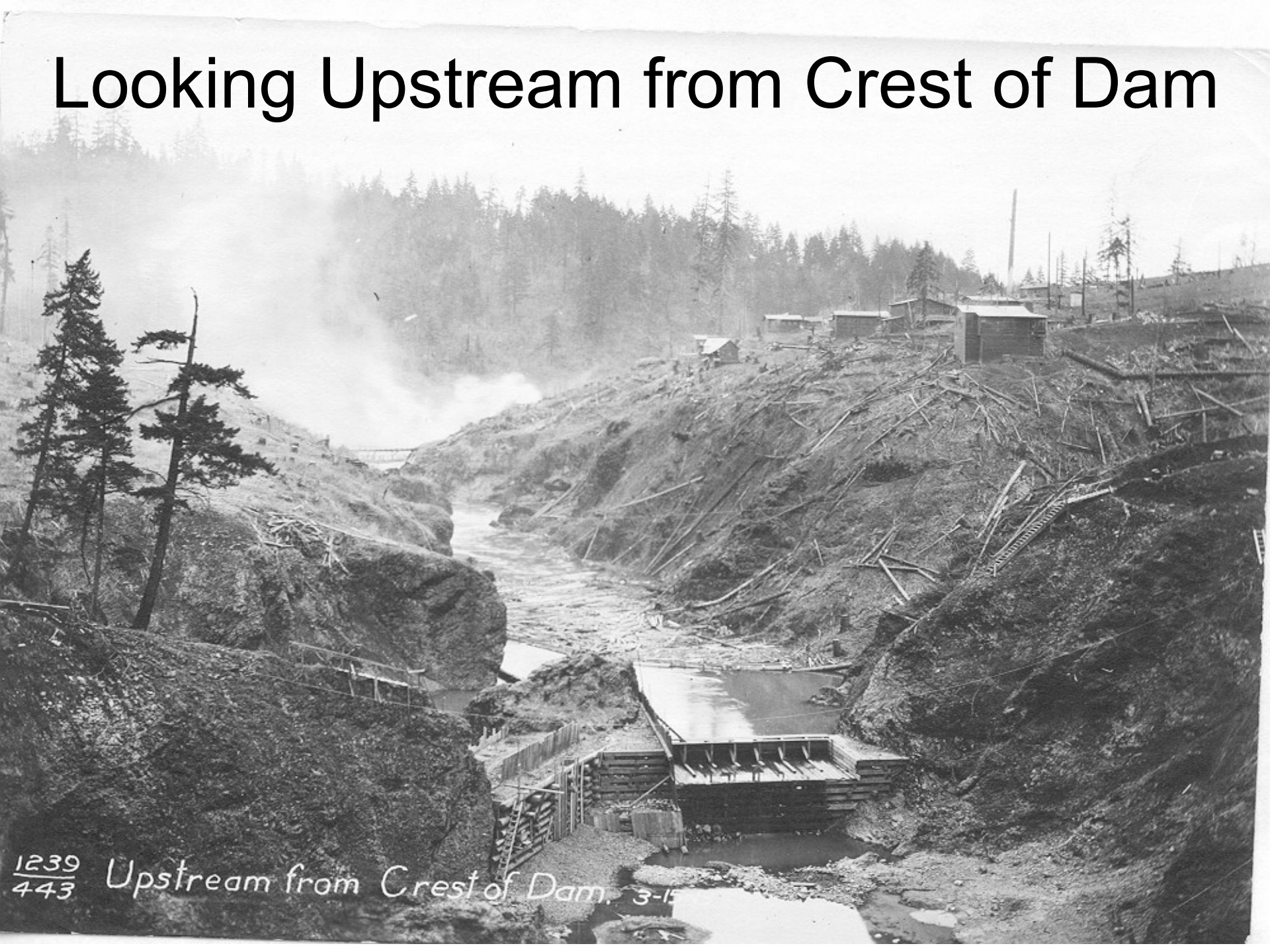
- Constructed in 1913
- White Salmon River in Klickitat and Skamania Counties in southern Washington
- 3.3 miles upstream from the confluence with the Columbia River
- Only man-made impoundment between Mt. Adams and the Columbia River
- 14.7 megawatt facility – this would power 6,850 households on average
- Run-of-the-river project

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

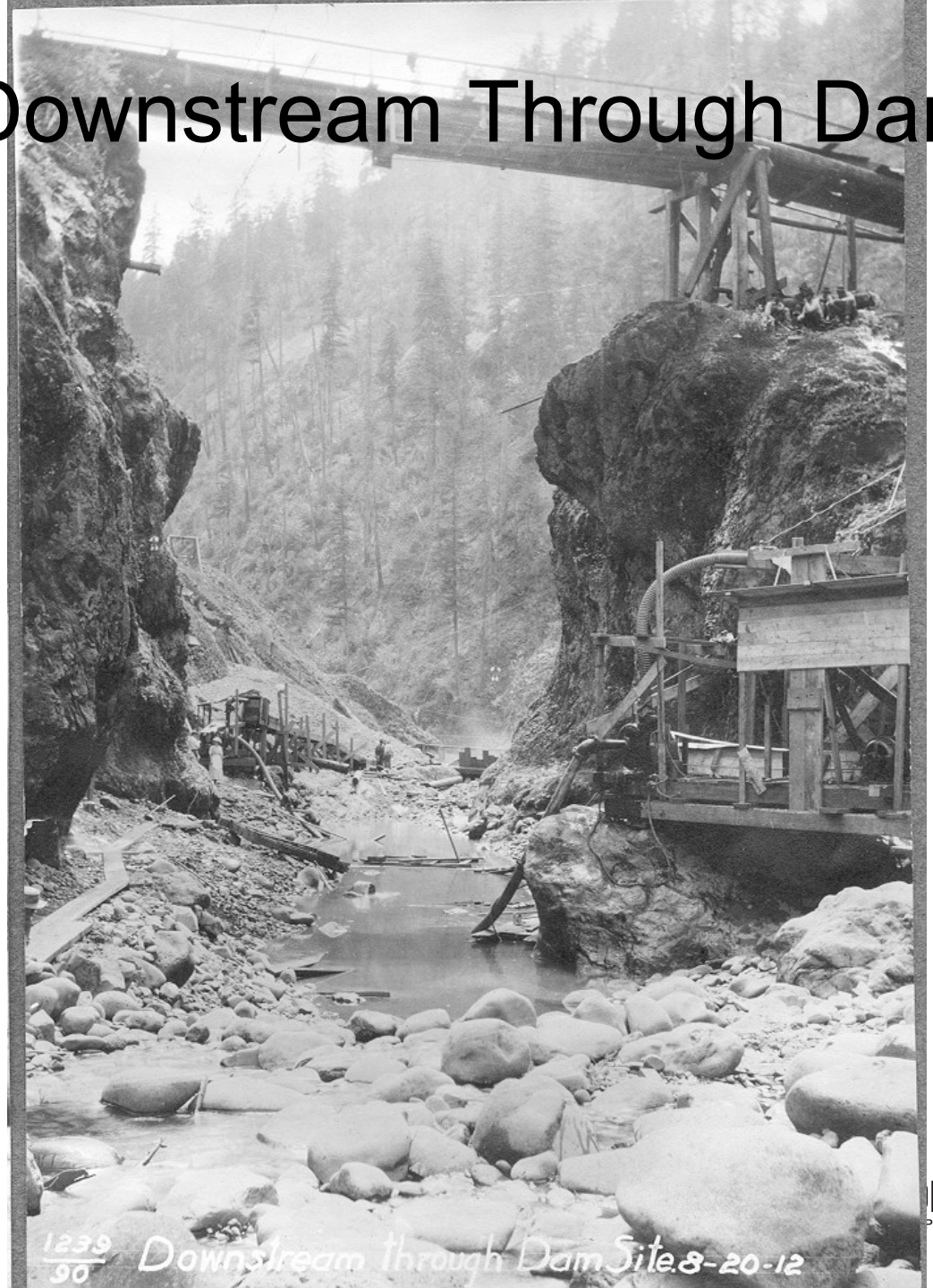
Looking Downstream at Dam Site



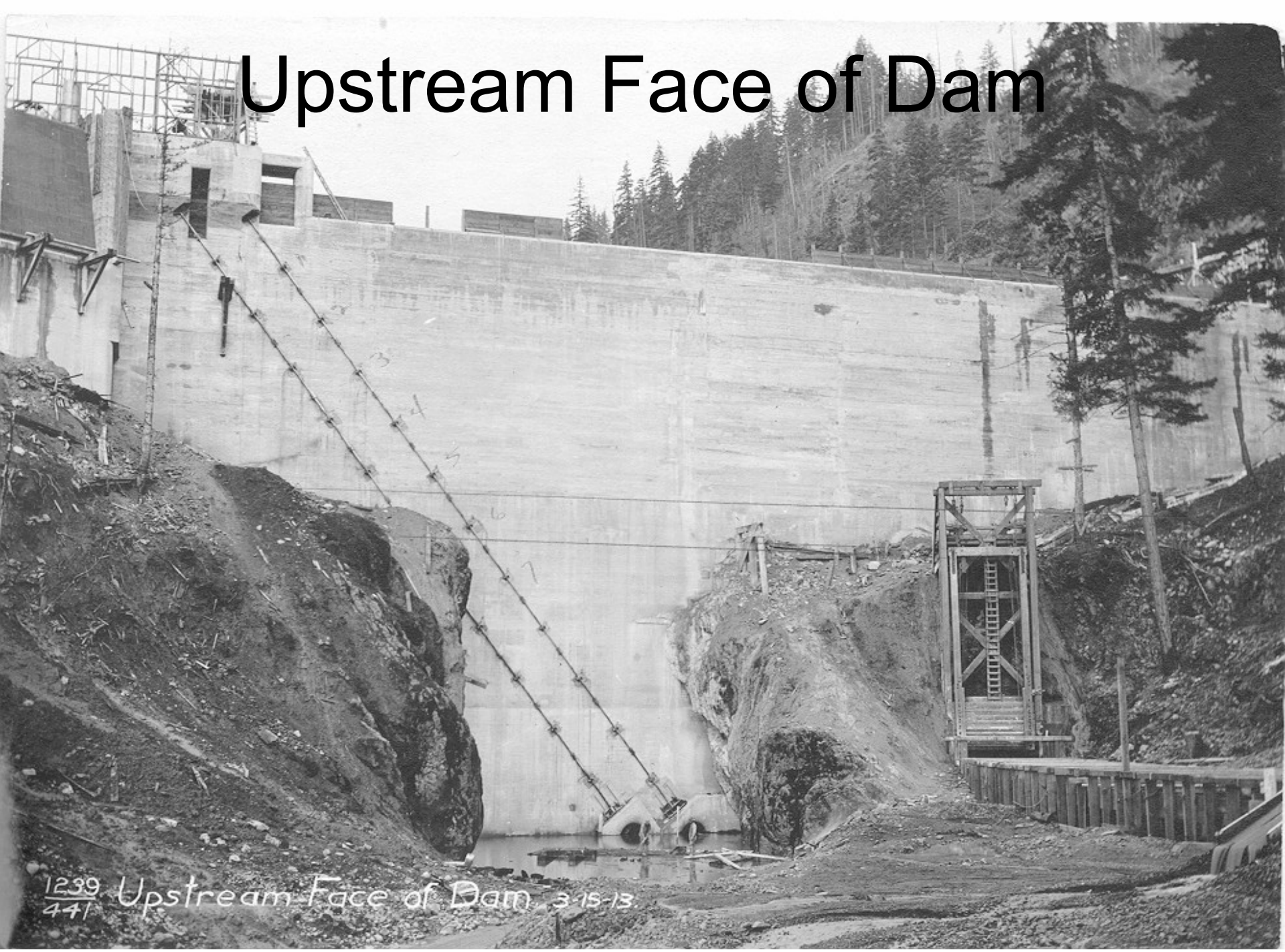
Looking Upstream from Crest of Dam



Looking Downstream Through Dam Site



Upstream Face of Dam



1999 Settlement Agreement Components

- PacifiCorp will complete actions to remove features of the project
- PacifiCorp's financial obligation towards removal is capped at $17,150,000 (1999 $; final $ will be escalated to account for inflation)
- $1,000,000 of cap shall go to the Yakama Nation for "enhancement, supplementation, and conservation of fishery resources"

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Parties To The Settlement Agreement

- PacifiCorp
- American River
- American Whitewater Affiliation
- Columbia Gorge Audubon Society
- Columbia Gorge Coalition
- Federation of Fly Fishers
- Friends of the Earth
- Washington Department of Fish and Wildlife
- Washington Wilderness Coalition
- Columbia River United
- Friends of the Columbia Gorge
- Trout Unlimited
- Columbia River Intertribal Fish Commission
- Yakama Nation
- National Marine Fisheries Service
- Friends of the White Salmon River
- U. S. Forest Service
- U. S. Department of the Interior
- Washington Department of Ecology
- Rivers Council of Washington
- Washington Trout
- The Mountaineers
- The Sierra Club

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Remaining milestones and expected schedule

July 2008	Department of Ecology releases SEPA Environmental Impact Statement Amendment
August 2008	Department of Ecology issues Clean Water Act 401 certificate
September 2008	U.S. Army Corps of Engineers issues 404 Permit
October 2008	FERC issues Surrender Order
October 2009	Decommissioning begins

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

How will PacifiCorp remove the Condit Hydroelectric Project?

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Project Removal Process

- Project removal will begin in October 2009
- All project components (dam, flowline, penstocks, surge tank and cofferdams) will be removed except for the powerhouse
- Reservoir will be drained in approximately six hours via a 12’x18’ tunnel drilled through the base of the dam
- If possible and economical, removed material will be recycled
- Best management practices will be utilized throughout the entire dam removal and restoration processes
- Short-term impacts will be mitigated by the long-term benefits of Condit’s removal

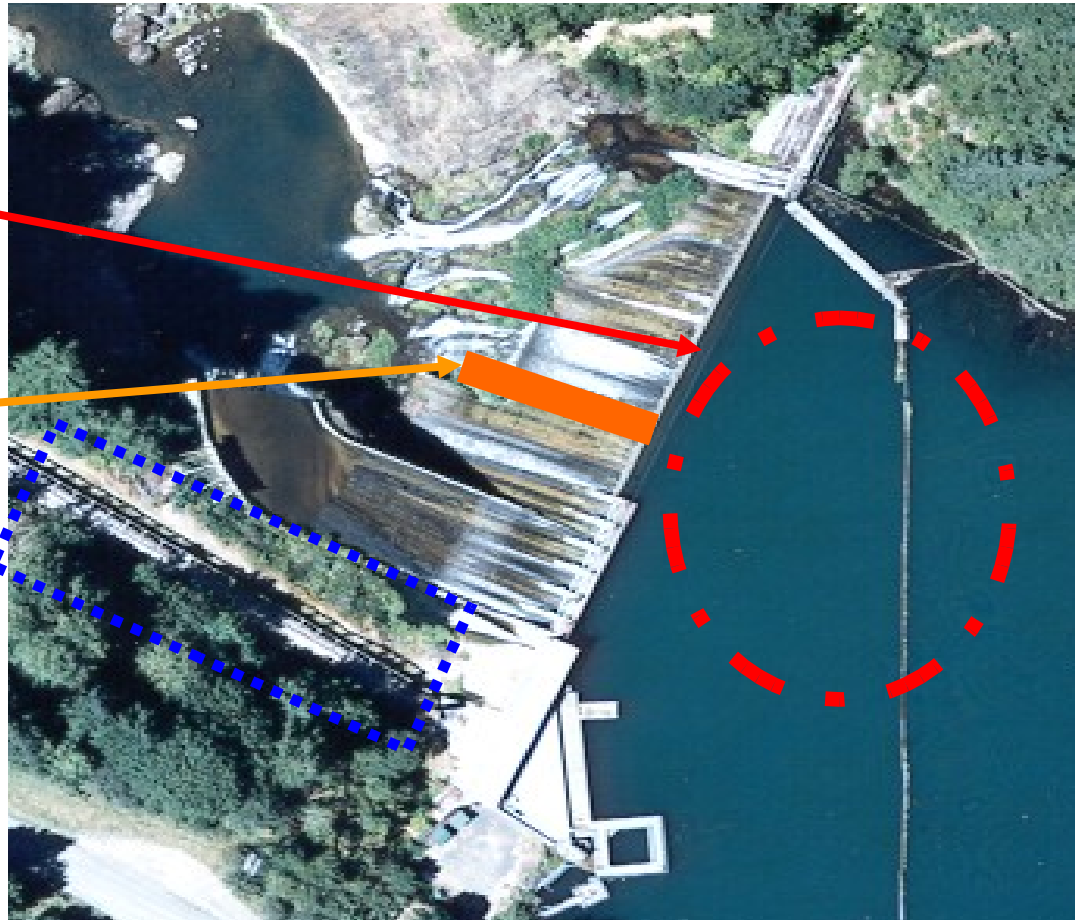
PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Dam Removal

Sediment and Woody Debris Removal

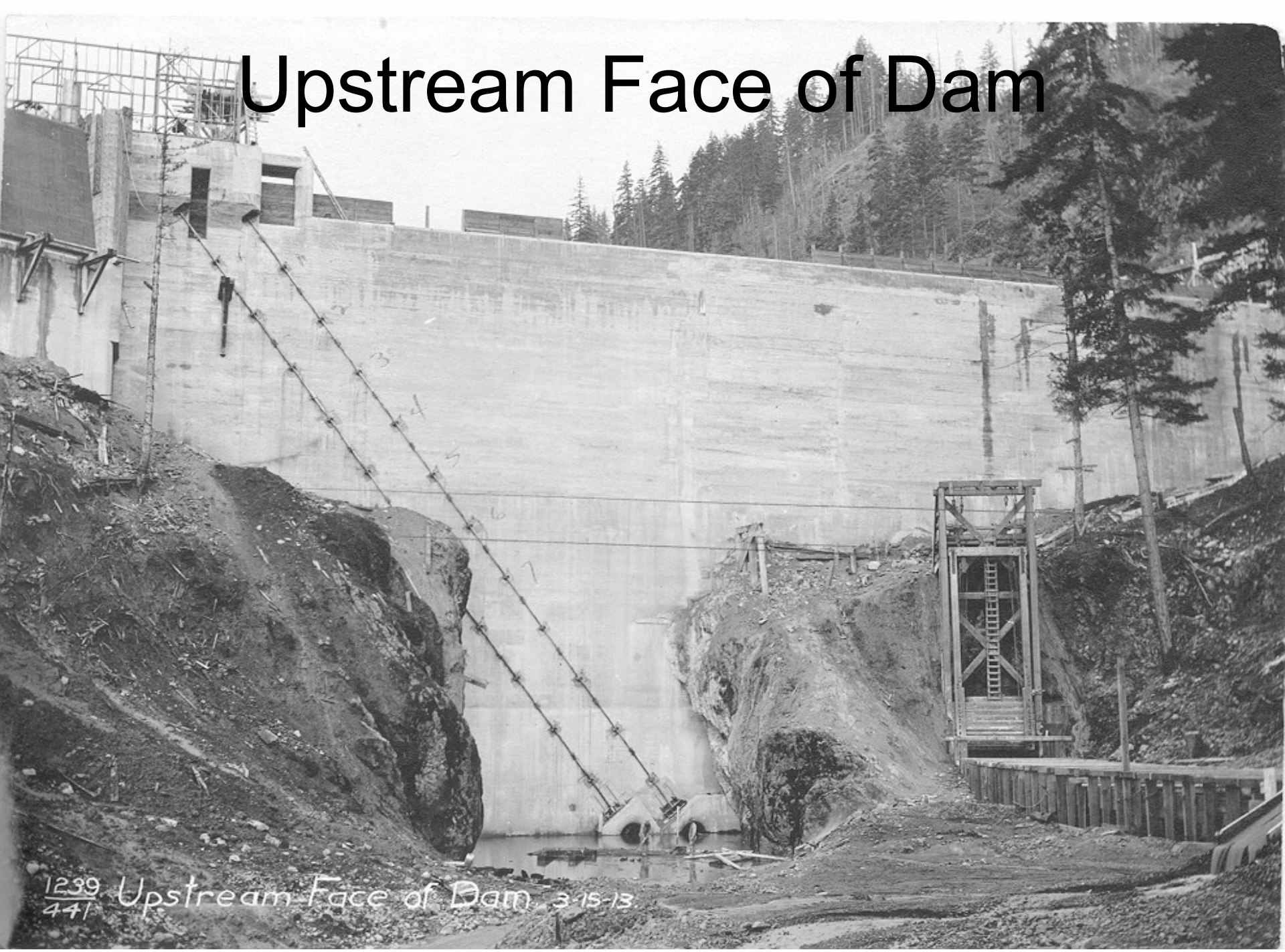
Tunnel

Flowline Removal



PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Upstream Face of Dam



Pre Removal Actions

- Collection and transport of Adult Fall Chinook upstream of reservoir
  - Purposes:
    - Initiate natural spawning above project area
    - Spawning gravel prep
    - Provide marine-derived nutrients
    - Natural production
- Western Pond Turtle survey (2004)
- Noxious Weed survey (2007)

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

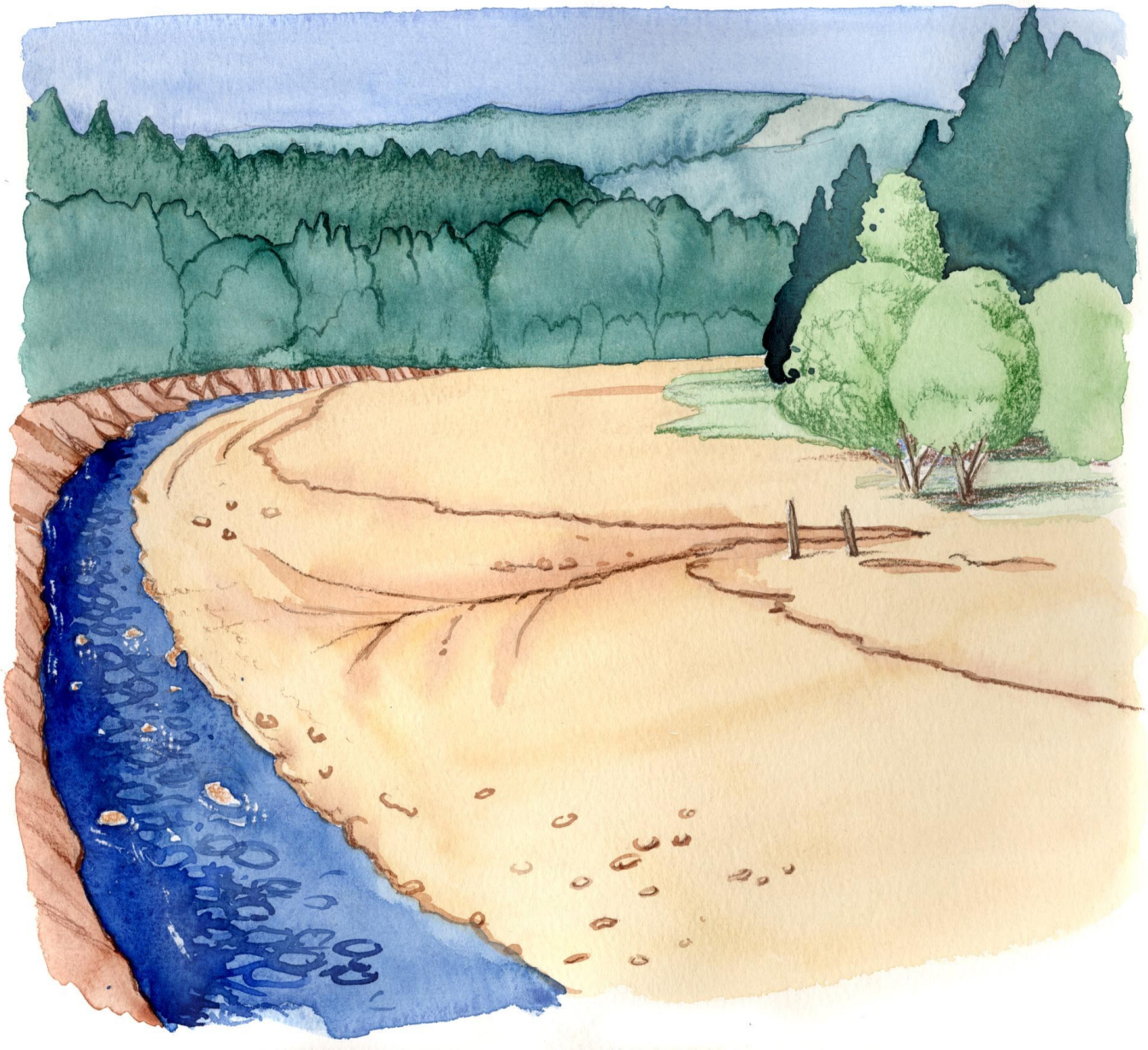
Removal Effects & Mitigation

- 2.3 million cubic yards of sediment have built up behind the dam since 1913
- Based on studies, the majority of the sediment will be transported downstream the first year
- Sediment assessment to be conducted immediately after the reservoir is drained
- Sediment slope stabilization an important step in “jump starting” area restoration

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Site Restoration

- Revegetation is anticipated in the first growing season following removal using native seeding
- A number of plans are in preparation to restore the project area following removal. Some of them are:
  - Reservoir, Uplands and Disturbed Area Revegetation, Monitoring and Noxious Weed Control Plan
  - Wetland Monitoring and Mitigation Plan
  - Sediment and Soil Erosion Control Plan
  - Sediment Management, Stabilization, and Assessment Plan
  - Canyon Woody Debris Management Plan
  - Aquatic Resources Protection Plan
- Approximately 15 miles of new habitat will be opened to salmon and steelhead



PACIFICORP ENERGY
A DIVISION OF PACIFICORP

PACIFICORP ENERGY
A DIVISION OF PACIFICORP