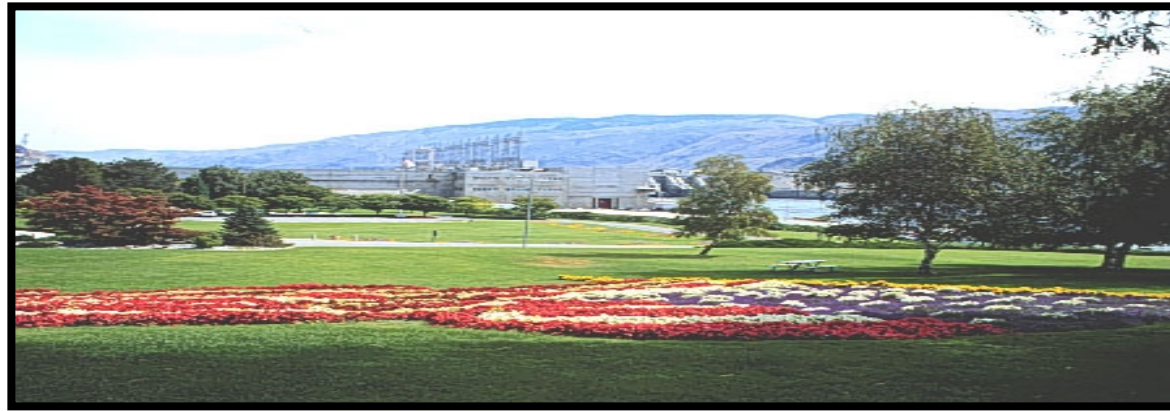


# Rocky Reach Relicensing



## ■ Public/Agency Meeting

- Feb. 24, 2000
- Chelan County PUD Auditorium
- Wenatchee, Wa.

Feb. 24, 2000

# Agenda

- 9-9:15 a.m.
  - Introductions, desired outcome
- 9:15-10:30 a.m.
  - Update on studies under way
- 10:30-10:45 a.m.
  - Break
- 10:45-11:45 a.m.
  - Working groups
- 11:45-noon
  - Public comment
- 12-1 p.m.
  - Lunch (on your own)
- 1-1:30 p.m.
  - Overview of comments on Scoping Document No. 1
- 1:30-2 p.m.
  - Update on study plans
- 2:15-2:30 p.m.
  - Public comment
- 2:30-3 p.m.
  - Summary; action items

# Habitat Conservation Plan

- HCP filed with NMFS July 30, 1998
- HCP EIS released to NMFS Feb. 22
- NMFS QAR process still in progress
- EIS released to PUDs for comment
- EIS released to public for comment

# Water quality monitoring

- Parametrix did first sampling Oct. 18, 1999
- Standard parameter list: nutrients; TSS; Chl a; plankton; periphyton; temperature; turbidity; TDG; pH; DO; Secchi depth; fecal coliform
- Primary issues: Temperature, dissolved gas

# Aquatic habitat survey

- Initial field work completed, August 1999
- 40 transects surveyed
- Substrate fairly uniform and large in thalweg throughout reservoir
- Smaller/softer substrate and macrophyte beds near shore
- Wells tailrace velocities up to 9 fps

# Fish presence and habitat use survey

- Fall sampling from Oct. 18-Oct. 30
- Reservoir stratified: lower, middle, upper
- Sampling gear: Gee minnow traps, beach seine, fyke net
- Species collected to date: largescale suckers (fyke), redside shiner, three-spine stickleback, Northern pikeminnow, chiselmouth, 1 RBT (~12 inches)
- Will be using set lines, gillnets during 2000 sampling (spring and summer)

# Creel survey

- Conducted from August through early October
- Altered sampling schedule to include very early and late afternoon/evening
- Primary angling for bass, walleye
- Effort very low
- Resume in April 2000

# Benthic analysis

- Artificial substrate (rock baskets) placed in reservoir Sept. 15-Oct. 20
- Located in five areas, five replicates each
- Initial observation: low densities of benthic macroinvertebrates
- Detailed taxonomic identification and enumeration under way
- Eckman dredge sampling in aquatic macrophyte beds (soft sediments), three places
- Drift studies in Entiat-Chelan rivers, two periods each
- Mussels and clams observed in soft sediments

# RTE (rare, threatened, endangered) plants

- 1990 HEP analysis for pool raise application
- Nine populations, *Epipactis gigantea* (giant helliborine) identified
- Survey half completed
- Sampling in May and July
- Nine populations re-located; more identified
- Porcupine sedge (*Carex hystericina*)
- Blue-eyed grass (*Sisyrinchium sp.*); previously unknown in Washington
- Little bluestem (*Andropogon scoparius*); found only once before in Washington

# Wildlife and cover-type mapping

- Initial cover-type delineations in September
- First migratory bird survey in October;  
10-12 loons
- More migratory bird and wintering bird  
surveys
- Scoping site selection for intensive study in  
2000
- Start intensive field work mid- to late May  
(amphibians in April)

# Mule deer mortality

- Funding portion of WDFW study
- Focus on RR mitigation lands
- Cover-type mapping
- Mule deer use
- Song/game bird, small mammal use

# Recreation Use Assessment

- 2000 field season to begin April
- Draft report (midsummer)
- Final report (September)
- Entiat survey
  - Survey period (April - September)
  - City of Entiat and Chelan PUD to coordinate field survey work and location
  - Duke Engineering/Debby Howe to interpret results and prepare report

# Cultural resources update

- Cultural working group meetings
  - Jan. 19, 2000
    - Agreed to steps of Section 106 process
    - Discussed FERC role as “Lead Federal Agency” in Section 106 process
    - Agreed on priorities

Feb. 24, 2000

# Steps for Section 106 process

- 1. Establish policy-level consultation via FERC (in progress)
- 2. Select consultant/adviser to PUD (Western Historical Services)
- 3. Organize Cultural Resources Work Group and establish roles. (done)
- 4. Establish Goals and Objectives (done)
- 5. Develop Study Plan Outlines (in progress)
- 6. Select consultant(s) for Background Overview
- 7. Select consultant(s) for Traditional Cultural Properties
- 8. Complete Background Overview
- 9. Determine field studies required and methods
- 10. Select consultant(s) and complete field studies
- 11. Programmatic Agreement
- 12. Cultural Resource Management Plan
- 13. Data recovery/ Protection Mitigation & Enhancement

# Priorities

- Complete background overview
  - Consultant is currently reviewing the 1983 Rocky Reach overview and will make recommendations
- Develop traditional cultural properties (TCP) and field survey study plans.

# Socioeconomics working group

- Socioeconomics study
  - Hire consultant (February)
  - Kick-off meeting (mid-March)
  - Conduct study (March - July)
  - Draft Report (late July)
  - Final Report (August)

# Erosion working group

- Shoreline erosion study
- Tributary backwater analysis

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