

**Rocky Reach Hydro Project Relicensing  
Chelan County PUD**

**PRELIMINARY ISSUE IDENTIFICATION  
GROUP (STAKEHOLDER) INPUT**

**March 25, 1999 and April 27, 1999**

**Water Quality**

1. Monitor TDG, DO, and temp in reservoir and tailrace (focus on edges of reservoir, diurnal changes)
2. Water Quantity
3. Reservoir fluctuations in relationship to tributaries
4. Inventory Point/Nonpoint sources
5. Compliance with water quality standards pertaining to TDG
6. Sediment transport and gravel recruitment
7. Hazardous materials and oil management
8. Aquatic weeds
9. Movement of contaminants due to reservoir fluctuations(bank storage)
10. Hatchery discharge

**Fisheries**

1. Large woody debris routing and transport (may not fall under fisheries)
2. Bull Trout, project affects on populations, habitat and migration
3. Sediment transport and gravel recruitment
4. Adult passage of anadromous fish (improvements)
5. Interaction of resident and anadromous fish (predation)
6. Interaction of native and non-native species (impact of reservoir)
7. Coordination of HCP and relicensing processes
8. Interaction of RR reservoir and lower end of Chelan River and tailrace
9. Coordination between anadromous fish investigation at Chelan and HCP mitigation activities
10. Effects on Sturgeon and Pacific Lamprey
11. Role of RR project operations on Vernita Bar and Hanford Reach agreements
12. Assessment of modified project pool operations
13. Effect of docks on fish predation
14. Effect of Project operations on Treaty Reserved and off reservation fishing rights
15. Invertebrate studies and Hyporheic flow – effect of project operations on food organisms and spawning
16. Project affects on availability and opportunities of warm water sport fishery

**Wildlife**

1. Tribal reserved rights specific to wildlife (hunting, gathering and grazing)
2. Effectiveness of current mitigation measures
3. Enhancement of upland habitat and wildlife areas and operational budgets (mitigation lands)
4. Mule Deer, migration affects across reservoir
5. Aquatic mammals documentation and associated habitat or food base
6. Assessment of shrub steppe and other adjacent habitats
7. Assessment of current and future fish mitigation facilities impacts

## Riparian

1. RTE Species associated with the riparian zone
2. Loss and gain of riparian habitat (at mouth of Entiat)
3. Updating the HEP associated with pool raise
4. Before and after riparian habitat
5. Non-Aquatic and riparian species (project affects on)
6. Impact of the local distribution system on the project (project supplied?)

## Recreation

1. Supply and demand for the license period
2. Carrying capacity for recreational activities
3. Landscape aesthetics
4. Effects on adjacent lands and facilities(infrastructure) outside the reservoir or project boundary, dispersed recreation
5. Access to the reservoir *and tributaries* from adjacent lands(broader than just boat launches, access across private lands)
6. Potential need for increased access (for example, boat access above Beebe Bridge, *Wenatchee River fishing access*)
7. Economic issues: potential commercial uses and affect on adjacent lands such as sternwheeler
8. Influence of recreation on wildlife and habitat
9. Completion or extension of trail system and related interpretive areas
10. Safety
11. ADA Compliance
12. Opportunity for tourism enhancement
13. Maintenance operational and development
14. Educational Opportunities

## Historical and Cultural

1. Archeological disturbance due to recreational uses
2. Archeological disturbance due to erosion
3. Consideration of area of potential affects both within and outside project boundary
4. Compliance with federal and state directives
5. Concern for site protection (vandalism and law enforcement)
6. Potential for interpretive values
7. Potential programmatic agreement with stakeholders

## Land Management and Socioeconomics

1. Law enforcement (adequacy of existing law enforcement)
2. Executive order 12898 (environmental justice)
3. Surplus/needs for lands
4. Effectiveness of management of mitigation lands
5. Effect on local and regional economy due to loss of project
6. Interaction of project with the system river and power operations
7. Relationship of RR to mid-Columbia hourly coordination, PNCA and systems operation review
8. Impact of PME measures on power rates and affect on local and regional economy
9. Outstanding obligation, if any, associated with project lands

## Other

1. Geology, Soils, and Shoreline Erosion
2. Changes in project operation features