

**BLACK CANYON HYDROELECTRIC PROJECT PROPOSED PRESERVATION,
MITIGATION AND ENHANCEMENT PLANS FOR FINAL LICENSE APPLICATION**

December 1, 2015

Geology and Soils

Earth Material Resources Management Plan Including:

- Erosion and Sediment Control Plan
- Acid Rock Leachate Testing Plan
- Excavation Spoils Disposal Plan

Aquatic Resources (Fish)

Aquatic Resources Management Plan Including:

- Boulder Weir Fish Passage Maintenance
- Fish Screened Intake, Design, Construction, Maintenance & Operation
- Bypassed Reach Monitoring & Adaptive Management Plan For Fisheries
- In-Stream Flows Compliance Monitoring
- Adaptive Management

Wildlife and Terrestrial Resources

Terrestrial Resources Management Plan Including:

- Pre-Construction Species Surveys Per WDFW (4 Species)
- Sensitive Species Timing (Nesting)
- Revegetation & Invasive Species Prevention Plan
- Post Construction Restoration Monitoring

Recreation

Recreation Enhancement Plan Including:

- Provision For Recreational Facilities Near Spur 10 Bridge On HFM Land And/Or
- Provide Financial Contribution Toward King County Open Space & Facilities Plan (Three Forks Park)

Aesthetics

Aesthetic Impacts Minimization Plan Including:

- Materials, Colors And Textures Selection

- Lighting
- Natural And Synthetic Screening

Cultural Resources

Cultural Resources Preservation Plan Including:

- Pre-Construction Site Survey & Screening W/Test Holes
- Pre-Construction Crew Training For Artifact Recognition Awareness
- Historic Properties Management Plan Including Incidental Find Procedures.

Water Quantity

Instream Flow Management Plan Including:

- Operation, Minimum Flows, Ramping, Monitoring, Teporting
- Emergency Flow Deflection/Generator Bypass

Water Quality

Water Quality Management Plan Including:

- Construction Phase Water Quality Monitoring
- Post Construction, Ongoing Operations Monitoring
- Emergency Spill Response Plan
- Waste Management Plan

Ground Water

Groundwater Monitoring Plan Including:

- Piezometer Water Level Monitoring
- Ongoing Isotope Monitoring

Construction Impacts

Construction Phasing Plan Including:

- Daily & Seasonal Hours Of Operation
- Site Security
- Transportation Routes And Equipment Limits
- Noise, Light, Dust, Vibration Minimization
- Personnel Rules, Safety, Sanitation, No-Hunting
- Residential Quiet Zones, No Parking Zones