

**PACKWOOD LAKE HYDROELECTRIC PROJECT
AQUATIC INVESTIGATIONS STATUS REPORT
September 30, 2004**

- **Instream Flow Study**

Flow measurements taken July 12 – 14; August 30 – September 24, 2004

Low flow release:	5 cfs
Middle flow release:	16 cfs
High flow release:	33 cfs

- **Preference Curve Development**

Ongoing; measurements taken on July 14

- **Electrofishing and Snorkeling Surveys**

Snorkeling surveys conducted in July, August

Electrofishing surveys on hold pending WDFW Scientific Collection Permit

- **Barrier Analysis**

High flow measurement taken
Middle flow measurement taken
Low flow measurement and barrier survey pending

- **Anadromous Salmonid Spawner Surveys**

Surveys July 26 – September 16
Lake Creek below:
 Chute at RM 1.03
 Barrier at RM 2.0
Below the tailrace

- **Ramping Rate Study**

Ongoing

- **Entrainment Study**

Pending WDFW Scientific Collectors Permit

- **Tributary Access Study**

Conducted September 28

- **Amphibian Study**

Used existing transects; will be modeled with HSI curves from Oregon