

Environmental Stewardship

- Continue our efforts to maintain and protect the environmental resources that have been entrusted to our care.
 - Accomplishments
 - Habitat conservation plans at Rocky Reach and Rock Island
 - Fish programs – fishery investigations, fish protection program (bypass), hatchery program, tributary program, fish-friendly turbine design, pikeminnow control program;
 - Comprehensive settlement agreements at Rocky Reach and Lake Chelan;
 - Licensing activities
 - Wildlife programs – raptor studies, raptor protection program, piscivorous bird studies, migrating bird nesting and monitoring program, forest management program, wildlife land management program;
 - Tree program
 - Prevent power outages by selective tree-trimming and/or vegetation removal;
 - Preserve trees through proper pruning techniques;
 - Replace trees through tree-replacement program;
 - Provide trees through Arbor Day program;
 - Tree Power program participant (APPA);
 - 2008 Accomplishments
 - Ongoing implementation of programs listed above;
 - Began pilot study on recirculation ponds to determine whether District can use less water to raise more fish;
 - Began evaluating hatchery water supply at Chelan Hatchery with development of the well field and a well field management plan;
 - USGS assessment of Eastbank aquifer completed in May;
 - Partnering with Colville Tribes on proposed Chief Joseph Hatchery;
 - Completion of an integrated hatchery improvement plan;
 - 2009 Accomplishments
 - Partner with Colville Tribes on proposed Chief Joseph Hatchery;
 - Increase scope of the recirculation ponds at Eastbank Hatchery;
 - 2010 Accomplishments
 - Achieved HCP survival standards for yearling Chinook, steelhead, and sockeye at Rock Island Dam using 10-percent spill (reduced from previous operation of 20-percent spill).
 - Successfully complete Phase I of a water reuse study for steelhead rearing at the Chiwawa Hatchery.
 - Create available capacity with existing infrastructure at the Chiwawa Hatchery to rear 200,000 steelhead.
 - Enhance the pikeminnow removal program to protect outmigrating salmon and steelhead.

- Investigate opportunities to share hatchery facilities with Grant PUD, thereby reducing impact on local resources.
- Remove hazard trees from PUD parks and develop planting plan for the future to accommodate changing needs.

o 2011 Accomplishments

- Achieved HCP survival standards for yearling Chinook and sockeye at Rocky Reach Dam using zero-percent spill as baseline condition.
- Finalize hatchery production recalculation reflecting completed survival studies. (HCP Hatchery Committee will act on a proposal on Dec 1)
- Implement hatchery cost-sharing measures with Grant PUD. (action is ongoing and facilities at Eastbank Hatchery Complex have been constructed for Grant)
- Utilize shared resources when possible with Grant and Douglas PUDs to implement lamprey and sturgeon management plans. (action is ongoing)
- Design and implement efficient and responsible monitoring and evaluation plans for the hatchery program. (action is ongoing)
- Appropriately balance wildlife and habitat preservation issues with recreation interest on the Homewater Property. (action is ongoing)
- Supported natural resource consultation and assessment of Rocky Reach pool raise (proposal has been tabled indefinitely).

o 2012 Actions

- Implement hatchery cost-sharing measures with Grant PUD (action is ongoing)
- Utilize shared resources when possible with Grant and Douglas PUDs to implement lamprey and sturgeon management plans (action is ongoing)
- Design and implement efficient and responsible monitoring and evaluation plans for the hatchery program (action is ongoing)
- Appropriately balance wildlife and habitat preservation issues with recreation interest on the Homewater Property (action is ongoing)

o Future Objectives – Examples

- Continue to protect and enhance our natural resources through the implementation of the Habitat Conservation Plans and settlement agreements.
- Investigate opportunities to partner with other hatchery owners to take advantage of current facilities throughout the region or opportunities to share new facilities.