



Rocky Reach License Annual Policy Committee Update

Rocky Reach Hydroelectric Project (FERC No. 2145)
2009 **Progress** Report
2010 **Implementation** Work Plan

2009 License Progress Report

Rocky Reach Hydroelectric Project 2009 Completed Activities

Forum	Summary of Completed License Measures
Rocky Reach Recreation Forum	<ul style="list-style-type: none"> Completed Recreation Resources Management Plan. Submitted to FERC on Feb 12.
Rocky Reach Fish Forum	<ul style="list-style-type: none"> Selected consultant to conduct Pacific Lamprey Upstream Passage Literature Review. Completed study plan for monitoring juvenile lamprey impingement on turbine intake screens on units 1 and 2. Selected brood stock locations and hatchery culture options for White Sturgeon. Contract development for rearing and release of 6,500 yearling sturgeon using brood stock and culture options.
Rocky Reach Wildlife Forum	<ul style="list-style-type: none"> Completed Wildlife Habitat Management Plan. Submitted to FERC on Jan 22. Completed Ute Ladies'-Tresses (<i>Spiranthes diluvialis</i>) Management Plan. Submitted to FERC on Dec 15.
Rocky Reach Cultural Forum	<ul style="list-style-type: none"> Contracted to complete annual site monitoring for Rocky Reach. Transferred archaeological materials recovered from Rocky Reach, Lake Chelan, and Rock Island projects to a curatorial repository in Nespelem. Forum decision to provide annual educational funding requirement to Wenatchee River Salmon Festival.
401 Water Quality	<ul style="list-style-type: none"> Completed Gas Abatement Annual Report. Submitted to Ecology on Dec 29. Completed Aquatic Invasive Species Monitoring and Control Plan. Submitted to FERC on Feb 19. Completed Quality Assurance Project Plan. Submitted to FERC on Feb 19. Installed TDG and temperature monitoring equipment in forebay and tailrace. Began data collection.
Project Operations	<ul style="list-style-type: none"> Completed Operations Plan. Submitted to FERC on Aug 19. FERC approved Dec 8. Completed 2009 Fish Passage Plan. Submitted to FERC March 30, 2009.

Implementation **2010** Work Plan

**Recreation Resources
Management Plan**
(pending FERC approval)

Rocky Reach **Recreation** Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
Entiat Park Renovation	Design	2010-11	None	Forum email updates, individual meetings as needed	Submit design drawings to FERC est Feb 2012. Construction est 2012 – 2014.
Daroga State Park Enhancements	Design	2010-11	None	Forum email updates, individual meetings as needed	Submit design drawings to FERC est Feb 2012. Construction est 2012 – 2014.
Lincoln Rock State Park Enhancements	Design	2010-11	None	Forum email updates, individual meetings as needed	Submit design drawings to FERC est Feb 2012. Construction est 2012 – 2014.
Rocky Reach Trail	On Hold	TBD	None	Forum email updates, individual meetings as needed	Schedule pending outcome of litigation
Entiatqua Trail	Feasibility	2010-11	None	Forum email updates, individual meetings as needed	Submit design drawings to FERC est Feb 2012. Construction est 2012 – 2014.

Implementation **2010** Work Plan

White Sturgeon Management Plan
(FERC approved)

Rocky Reach **Fish** Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
White Sturgeon Supplementation	Brood stock collection and fish culture of up to 6500 sturgeon	2009-10	None	Monthly White Sturgeon Subcommittee and Fish Forum meetings for updates	Release sturgeon spring 2011. Monitoring program begins subsequent to release. Continue annual stocking.

Implementation **2010** Work Plan

Bull Trout Management Plan
(FERC approved)

Rocky Reach **Fish** Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
Annual Report to USFWS	Annual Report	April 15	None	USFWS, Monthly Forum Meetings for updates	Continue annual reports. 10-year radio-telemetry study to confirm take remains below required levels (yrs 2018, 2028, etc)

Implementation **2010** Work Plan

Lamprey Management Plan
(FERC approved)

Rocky Reach Fish Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
Adult Upstream Passage Literature Review	Consultant selection, literature review and report	Feb 1 – June 30	Consultant selection, prioritization of fishway measures	Pacific Lamprey Subcommittee and Fish Forum Monthly meetings	Annual monitoring of adult passage to test efficacy of measures implemented and identify if additional measures needed.
Reservoir Ammocoete Sampling Study Plan and Field Investigation	Survey reservoir for potential ammocoete habitat locations	Feb - Oct	Approve Ammocoete Sampling Study Plan	Pacific Lamprey Subcommittee and Fish Forum Monthly meetings	Field work estimated to begin Aug/Sept 2010.
Pacific Lamprey Artificial Propagation Investigation	Consultant selection, report		Consultant selection	Pacific Lamprey Subcommittee and Fish Forum Monthly meetings	

Implementation **2010** Work Plan

Resident Fish Management Plan
(FERC approved)

Rocky Reach **Fish** Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
Resident Fish Monitoring Plan	Study Plan	Nov 2009 - Oct 2010	Approve Study Plan	Fish Forum monthly meetings	Field work estimated to begin 2011.

Implementation **2010** Work Plan

Wildlife Management Plan
(pending FERC approval)

Rocky Reach **Wildlife** Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
WDFW Funding	Funding	Pending FERC approval	None	Agency meetings to manage and budget projects (Aug). Wildlife Forum 2 meetings per year (Feb/Nov)	Annual Funding
USFS Funding	Funding	Pending FERC approval	None	Agency meetings to manage and budget projects (Aug). Wildlife Forum 2 meetings per year (Feb/Nov)	Annual Funding
BLM Funding	Funding	Pending FERC approval	None	Agency meetings to manage and budget projects (Aug). Wildlife Forum 2 meetings per year (Feb/Nov)	Annual Funding
Bald Eagle and Canadian Goose Surveys	Surveys, report only for Goose Surveys	Late spring 2010	None	WDFW receives Goose survey report. Wildlife Forum 2 meetings per year (Feb/Nov)	Annual Surveys
Sun Cove Conservation Easement	Acquire easement	2010-11	None	Wildlife Forum 2 meetings per year (Feb/Nov)	Obtain easement by 2012.

Implementation **2010** Work Plan

Spiranthes Management Plan
(pending FERC approval)

Rocky Reach **Wildlife** Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
Spiranthes Existing Populations Monitoring, Reporting, and Mapping	Monitor and Report	Dec 31	None	WDFW, USFWS, BLM, WA National Heritage Program	Every 5 years (2014) monitor to look for suitable habitat outside existing habitat
Conservation Easements	Acquire easements for existing populations	2010-12	None	Wildlife Forum 2 meetings per year (Feb/Nov)	Acquire easements by 2012.

Implementation **2010** Work Plan

Historic Properties and Cultural Resources Management Plan (FERC approved)

Rocky Reach Cultural Forum – 2010 Work Overview

License Measure	2010 Activity	Activity Timeline	2010 Forum Decisions	Consultation or Meetings	Next Steps
Develop TCP Plan	Develop Plan	Nov	Complete and Approve Plan	Bi-monthly Forum meetings to complete Plan.	Implement Plan
Conduct Site Surveys and Treatment	Continuous as needed	2010-11	Approvals	Bi-monthly Forum meetings.	Continue to consult with Forum on any project impacts (e.g. discovery)
Curate Items	Complete	2010-11	Complete	Bi-monthly Forum meetings.	Complete
Monitoring Plan	Complete	TBD	Complete	Bi-monthly Forum meetings.	Implement Plan
Education Interpretive Plan	Develop Plan	May	Approve education plan and funding.	Bi-monthly Forum meetings.	Complete plan by spring 2010. Implement Plan. Provide \$1,000 to Salmon Festival Sept 2010.

401 Water Quality Certification
(FERC approved)

Rocky Reach Water Quality – 2010 Work Plan

License Measure	2010 Activity	Activity Timeline	Consultation or Meetings	Next Steps
Gas Abatement Plan	Develop Plan	Nov 1 – Mar 31	Ecology review and approval.	Annually
Gas Abatement Annual Report	Complete Report	Dec 31	Ecology review	Annually. In year 5, summarize study results. Ecology determination of compliance.
Water Quality Annual Report	Complete Report	Nov 1 – Mar 1	Ecology review	Annually. In year 6, summarize monitoring results. Ecology determination of compliance with numeric temp criteria.
TDG Monitoring	Monitoring	April - Oct	NA	Annually
Temp Monitoring – Forebay/Tailrace	Monitoring	April - Oct	NA	Annually
Temp Monitoring – Fish Bypass/Fishway	Monitoring	Jun 2010 – Jun 2011	NA	2010 only
Aquatic Invasive Species Plan	Monitoring, Education	Pending FERC approval	NA	Implement Plan
Aquatic Invasive Species Report	Complete Report	Pending FERC approval	Ecology and Fish Forum review	Annually
QAPP	Update Plan	Oct - Feb	Ecology review and approval. FERC approval.	Submit to FERC and Ecology by Feb 19, 2011
TMDL Measures	Monitoring			
WQPP	Develop plan	Project specific	Ecology review and approval	As needed



Questions?

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