



Rocky Reach License 2014 Annual Policy Committee Update

Rocky Reach Hydroelectric Project (FERC No. 2145)
2013 **Progress** Report
2014 **Implementation** Work Plan

*Reports provided by Chelan PUD:
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Von Pope (Wildlife Forum)
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2013 Progress Report

Rocky Reach Hydroelectric Project 2013 Completed License Activities

Forum	Activity
Rocky Reach Recreation Forum	<ul style="list-style-type: none"> Ⓢ Entiat Park completed permitting process and started construction, park is razed and infrastructure is in place Ⓢ Entiatqua trail is under construction, in water work is complete Ⓢ Completed Lincoln Rock SP entry road, maintenance building parking lot and boat parking lot asphalt improvements Ⓢ Lincoln Rock and Daroga State Parks: submitted permits for docks and floats, completed 50 AMP upgrades Ⓢ Completed Daroga Swim Beach improvements
Rocky Reach Fish Forum	<ul style="list-style-type: none"> Ⓢ Monitoring ongoing to evaluate fishway improvements made to aid adult Pacific lamprey passage. Ⓢ Lamprey monitor continues in 2014 using PIT tagged adult lamprey Ⓢ Intake screens in Units 1 & 2 intake were monitored for Juvenile lamprey impingement in 2013 Ⓢ Discussions ongoing for studies and projects appropriate to achieve NNI for Pacific Lamprey Ⓢ 5-year Pacific Lamprey No Net Impact adaptive management report completed Ⓢ 2013 white sturgeon release target surpassed (7,979 fish) to compensate for small release in 2012 Ⓢ 2014 juvenile sturgeon release number evaluated in depth and agreed to by the RRFF Ⓢ Resident fish monitoring completed, timeline set for next resident fish studies
Rocky Reach Wildlife Forum	<ul style="list-style-type: none"> Ⓢ Implementation on-going. Second year of noxious weed control under Terrestrial Invasive Species Management Plan Ⓢ RRWF approved the 2014 weed management projects within the RR wildlife area and specific Ute ladies' tresses sites Ⓢ Completed 5-year monitoring for Ute ladies' tresses in suitable habitat in addition to annual monitoring of known sites
Rocky Reach Cultural Forum	<ul style="list-style-type: none"> Ⓢ Consulted with FERC and the ACHP to discuss the management and documentation of Traditional Cultural Properties Ⓢ Purchased a Tule mat to be used in the Native American Intertribal Encampment as part of the annual Wenatchee River Salmon Festival Ⓢ Completed archaeological monitoring for the electrical upgrade for the Lower Wenatchee Smolt Trap installation on the Wenatchee River Ⓢ Completed the first re-draft of the Rocky Reach HPMP

2013 Progress Report

Rocky Reach Hydroelectric Project 2013 Completed License Activities

Forum	Activity
401 Water Quality	<ul style="list-style-type: none"> Ⓢ Submitted Gas Abatement Plan to Ecology on February 4, 2013 Ⓢ Submitted Gas Abatement (TDG) Annual Report to Ecology on December 24, 2013 Ⓢ Continuing to collect TDG and temperature data in forebay and tailrace (instruments were left in place through the winter) Ⓢ Installed temperature instruments in the adult fishway in February 2014. Will collect data for one season. Ⓢ Rocky Reach 5-year Biological Objectives Report completed; review by Ecology & RRF with Final due March 30
Project Operations	<ul style="list-style-type: none"> Ⓢ Submitted Operations Plan (included Fish Spill Plan dated March 28, 2012) to FERC March 29, 2013. FERC approved May 21, 2013.

Implementation **2014** Work Plan

**Recreation Resources
Management Plan**
(FERC approved, Oct 12, 2010)

Rocky Reach Recreation Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
Entiat Park Renovation	Bid & construct	2010-16	None	Forum email updates, individual meetings as needed	Substantial completion May 2015. Final completion May of 2016.
Daroga State Park Enhancements	Design, bid & construct	2011-16	None	Forum email updates, individual meetings as needed	Dock and Pile replacements out for permitting. Group Camp bath house and RV hook ups in design.
Lincoln Rock State Park Enhancements	Design, bid & construct	2010-16	None	Forum email updates, individual meetings as needed	Dock and Pile Replacements out for permitting. Cabin Loop & Group camp final design.
Rocky Reach Trail	Bid & construct	2013	None	Forum email updates, individual meetings as needed	Trail segment through District lands to be constructed by June 2014.
Entiatqua Trail	Permits	2010 - 16	None	Forum email updates, individual meetings as needed	Substantial completion by May 2015. Final completion May of 2016.

Implementation **2014** Work Plan

White Sturgeon Management Plan
(FERC approved Feb 19, 2009)

Rocky Reach Fish Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
White Sturgeon Supplementation	Per RRFF agreement, release 5,000 juvenile white sturgeon in 2014. Third year of tagged fish monitoring in 2014.	2014	Population Monitoring and Stocking Plan	Monthly White Sturgeon Subcommittee technical meetings and Fish Forum meetings for updates/approvals.	Adult brood collection and or larval collection for culture and release of 0 to 6,500 sturgeon in 2015, based on mark-recapture monitoring. Continue stocking for supplementation from brood or larval collection. Develop long-term Monitoring Plan to guide supplementation levels.

Implementation **2014** Work Plan

Bull Trout Management Plan
(FERC approved Feb 19, 2009)

Rocky Reach Fish Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
Annual Report to USFWS	Annual Bull Trout Monitoring and Incidental Take Report	April 15	None in 2014	USFWS meetings, Monthly Forum Meetings for updates	Continue annual reports. 10-year radio-telemetry study to confirm incidental take remains at or below permitted levels: 2018

Implementation **2014** Work Plan

Lamprey Management Plan
(FERC approved Feb 19, 2009)

Rocky Reach Fish Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
Evaluate Upstream Lamprey Passage Modifications	Continue to monitor fishway improvement measures, adult lamprey passage w/ HD PIT detection.	March - Nov	none	Pacific Lamprey Subcommittee and Fish Forum Monthly meetings	2014– monitor adult passage to evaluate ladder modifications; implement and identify if additional measures needed in fishway
Conduct Bi-annual Juvenile Lamprey Impingement Monitoring	Monitor for impingement of juvenile lamprey on turbine Unit 1 & 2 fish screens	May-Sept	Review Results	Fish Forum Monthly meetings	Re-conduct in 2015
Measurement of Impacts on Juvenile Lamprey Downstream Passage	Discuss timeline on tag development and feasibility constraints; identify alternative measures to assess project effects	Jan -Dec	Determine juvenile study potential; identify alternative measures	Fish Forum Monthly meetings; Pacific Lamprey Subcommittee	Define path forward to identify any unavoidable effects, achieve NNI

Implementation **2014** Work Plan

Resident Fish Management Plan
(FERC approved Feb 19, 2009)

Rocky Reach Fish Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
Resident Fish Monitor & Measure Relative Abundance and Species Comp	2013 study completed; predator problem not identified in fish sampling; primarily native species complex	2023	10-year study timeline set, next in 2023	Fish Forum monthly meetings	Next study, 2023
Resident Fish Monitoring Plan	Design study for 2023	2022	First of three additional studies	Fish Forum monthly meetings	Conduct next evaluations: 2023, 2033, 2043

Implementation **2014** Work Plan

Wildlife Management Plan
(FERC approved Sept 22, 2010)

Rocky Reach Wildlife Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
New 5-year Wildlife plan and 5-year summary	Draft new 5-year Wildlife Plan and 5-year summary	Mar- Dec	Review 5-year plan and summary	Review draft 5-year summary report and draft 5-year plan. Ideally new 5-year plan to be approved before current plan and payment agreements expire (Sept and Dec of 2015 respectively)	Draft plan and summary, get RRWF review. Submit new plan by early 2015 for FERC approval.
Agency funding (WDFW , BLM, USFS)	Implement approved measures , Project Management	Ongoing	Annual Weed Projects	Annual meetings to establish project schedules and budget. Modify existing Payment Agreements as needed. Provide draft project proposals for new 5 –year Plan by August 29.	Implement approved measures. Draft new 5-year plan (see above).
Bald Eagle and Canadian Goose Surveys	Monitoring and reports	Winter spring 2014	None	Annual goose nesting survey report to WDFW. Wildlife Forum meetings, (winter and fall)	Annual Surveys and reports.
Sun Cove Conservation Easement	Acquire easement	When necessary	None	As necessary	Preserve property until buffer is necessary

Implementation **2014** Work Plan

Spiranthes Management Plan
(FERC Approved Aug 15, 2010)

Rocky Reach **Wildlife** Forum Ute Ladies' Tresses Subcommittee – Work Overview

License Measure	Activity	Activity Timeline	Subcommittee Decisions	Consultation or Meetings	Next Steps
Plan Implementation	Implement Integrated weed control Plan	Spring and Fall weed control as approved by committee	Proposal for 2015 weed control	Late fall for 2014 project close-out; early winter for 2015 weed control proposals	Review monitoring reports, site visit (s), implement weed control
Spiranthes Existing Populations Monitoring, Reporting, and Mapping	Monitoring and reporting	August – Sept surveys Sept- Dec report	Review reports, prioritize threats	Review annual monitoring efforts	Annual monitoring and report (by December 31)

Implementation **2014** Work Plan

Historic Properties and Cultural Resources Management Plan (FERC approved Feb 19, 2009)



Rocky Reach Cultural Forum – Work Overview

License Measure	Activity	Activity Timeline	Forum Decisions	Consultation or Meetings	Next Steps
Develop TCP Plan	Develop Plan	TBD	Complete and Approve Plan	Schedule regular forum meetings to implement provisions in the HPMP.	Implement Plan
Conduct Site Surveys and Treatment	Continuous as needed	2014	Approvals	Schedule regular forum meetings to implement provisions in the HPMP.	Continue to consult with Forum on any project impacts (e.g. discovery)
Curate Items	Complete	2014	Complete	Schedule regular forum meetings to implement provisions in the HPMP.	Complete
Cultural Resource Monitoring Plan	Complete	2014	Complete	Schedule regular forum meetings to implement provisions in the Plan.	Implement Plan
Education Interpretive Plan	Complete	2014	Complete	Schedule regular forum meetings to implement provisions in the Plan.	Consult with Forum on additional opportunities to further public education on cultural resource issues.

Implementation **2014** Work Plan

401 Water Quality Certification (FERC approved Feb 19, 2009)

Rocky Reach Water Quality – Work Plan

License Measure	Activity	Activity Timeline	Consultation or Meetings	Next Steps
Annual Gas Abatement (TDG) Plan	Complete Plan	Due to Ecology April 1	Ecology review and approval.	Provided to Ecology on Feb 21 for review of draft. Final due to Ecology April 1.
Gas Abatement Plan (TDG) Annual Report	Complete Report	Due to Ecology Dec 31	Ecology review	By April 15, 2014, provide a summary of TDG results since issuance of the 401. Ecology determination of compliance.
TDG Monitoring	Monitoring	Year round	NA	Annually
Temp Monitoring – Forebay/Tailrace	Monitoring	April - Oct	NA	Annually
Temp Monitoring – Fishway	Monitoring	Winter 2013-2014	NA	Installed instruments in February 2014. Will collect data for one season.
Aquatic Invasive Species Report	Annual Report	Draft to Ecology/RRFF Feb 19 Due to FERC April 1	Ecology/RRFF consultation on draft	Provided to Ecology on Feb 19, 2014. Submit to FERC on April 1.
Quality Assurance Project Plan Report (Water Quality Report)	Annual Report	Draft to Ecology March 1 Due to FERC May 1	Ecology review and approval. FERC approval.	Annual report provided to Ecology February 28, 2014. Submit to FERC on May 1.
TMDL Measures	Monitoring	Ongoing		Ongoing
WQPP	Develop plan	Project specific	Ecology review and approval	As needed