

Lewis River Hydroelectric Projects

FERC Project Nos. 935, 2071, 2111, 2213



2016 Annual Report

Lewis River Aquatic Fund Projects



April 2016

Table of Contents

Introduction.....	2
Background.....	2
Funding Moratorium.....	3
Project Update.....	5
Conclusion	5

Appendices

Appendix A	Lewis River Settlement Agreement Article 7.5
Appendix B	ACC July 9, 2015 Agenda and Meeting Minutes
Appendix C	Email to ACC from K. McCune – PacifiCorp 2015/2016 Lewis River Aquatic Fund; One year Moratorium, dated July 17, 2015
Appendix D	Letter to Lewis River Settlement Agreement Parties, Aquatic and Terrestrial Coordination Committees and Interested Parties; Lewis River Settlement Agreement 7.5 – Aquatic Fund; One Year Moratorium, dated September 3, 2015
Appendix E	ACC October 8, 2015 Agenda and Meeting Minutes
Appendix F	Email to LCFEG from K. McCune – PacifiCorp, dated October 13, 2015
Appendix G	Aquatic Fund Subgroup Meeting Notes, dated November 19, 2015
Appendix H	Aquatic Fund Subgroup Meeting Notes, dated January 7, 2016
Appendix I	Email to ACC from K. McCune – PacifiCorp, dated March 7, 2016

Introduction

This 2016 Annual Report prepared by PacifiCorp and the Public Utility District No. 1 of Cowlitz County, Washington (“Cowlitz PUD”) (collectively the “Utilities”) is provided to the Lewis River Settlement Agreement Parties to fulfill the reporting requirement in Article 7.5.3.2 (5) of the Lewis River Settlement Agreement (SA). This report identifies the course of action taken in regard to the 2015-2016 Aquatic Fund. Due to circumstances described below, funds were not administered for the 2015-2016 funding cycle. This report identifies the actions taken under terms of the SA (Article 7.5, see **Appendix A**). Although the funding process was managed by the Utilities, the Aquatic Coordination Committee (ACC) provided final approvals.

This 2016 report is available to the Public on PacifiCorp’s website at:
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensing/Lewis_River/li/ar/LR_2016_AQ_%20report_wAppend.pdf

Copies of this report are available from PacifiCorp upon request.

Background

PacifiCorp owns the Merwin, Yale, and Swift No. 1 hydroelectric projects on the Lewis River in southwest Washington. Cowlitz PUD owns the Swift No. 2 hydroelectric project, also located on the Lewis River. These projects are operated as a coordinated system by PacifiCorp. On November 30, 2004, the Lewis River Settlement Agreement established the Lewis River Aquatics Fund (Fund). The purpose of the Fund is to support resource protection measures through funding aquatic related projects in the Lewis River basin.

As identified in the SA:

“Resource Projects may include, without limitation, projects that enhance and improve wetlands, riparian, and riverine habitats; projects that enhance and improve riparian and aquatic species connectivity that may be affected by the continued operation of the hydroelectric projects; and projects that increase the probability for a successful reintroduction program upstream of Merwin Dam. Species that are targeted to benefit from Resource Projects include Chinook, steelhead, coho, bull trout, chum, and sea-run cutthroat.”

Under the direction of the SA, the Utilities in Consultation with the ACC developed the “Aquatics Fund -- Strategic Plan and Administrative Procedures” (September 2005 – Revised January 2009, September 2013). This strategic plan provides: (a) a guide to Resource Project development, solicitation, and review; and (b) provides administrative procedures to guide implementation of the Aquatics Fund.

The strategic plan is available to the Public on PacifiCorp's website at: http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensing/Lewis_River/08262013_FINAL_Rev_LR_AQ_Fund_Process.pdf

Funding Moratorium

On July 9, 2015 the ACC discussed and made the decision to place a one (1) year moratorium on the 2015/2016 Aquatics Fund (**Appendix B** – pg. 5) per reasons below. The announcement for *Availability of Funds for Aquatic Related Projects in the Lewis River Basin* is expected to resume September, 2016 for the 2016/2017 aquatic fund cycle.

To accommodate any potential opposition to the moratorium from those ACC participants not in attendance, the Utilities provided an additional 7-day comment period until July 24, 2015 (**Appendix C**). Given no opposition, PacifiCorp, notified the ACC September 3, 2015, its Aquatic Fund Subgroup and the Lewis River Settlement Agreement Parties of the one-year Aquatic Fund Moratorium (**Appendix D**).

In accordance with the Lewis River Settlement Agreement requirement below, as adopted into the *Aquatics Fund – Strategic Plan and Administrative Procedures*, the ACC elected to allow the time needed to consider a number of modifications to the Administrative Procedures and to gather the needed internal and external resources available to improve its evaluation of each resource project presented for funding, thus improving its overall evaluation effectiveness in the years to come.

7.5.3.2 Resource Project Proposal, Review, and Selection.

- (1) *By the first anniversary of the Effective Date, the Licensees shall develop, in Consultation with the ACC, (a) a strategic plan consistent with the guidance in Section 7.5.3.1 above to guide Resource Project development, solicitation, and review; and (b) administrative procedures to guide implementation of the Aquatics Fund. Both may be modified periodically with the approval of the ACC.*

In consideration of modifications to the plan and procedures, the ACC is considering the following:

- Information specific to the Lewis River synthesis matrix and Lower Columbia Fish Recovery Board interactive map to evaluate future Aquatic Fund proposals for their effectiveness and contribution to the recovery process and the Lewis River Reintroduction program.
(<http://www.lowercolumbiasalmonrecovery.org/mappage>)

- Established a process for securing landowner acknowledgement/access prior to project approval.
- Modified pre and full proposals to reflect expectations of applicants to review the synthesis matrix and Salmon Recovery interactive maps in advance of proposal submittal.

The ACC agreed to establish an Aquatic Fund Subgroup (Subgroup) to address the modifications, process and procedures to prepare for the 2016/2017 Aquatic Fund cycle. Those members include, but were not limited to the following, and they met periodically over a period of five (5) months:

Kim McCune	PacifiCorp
Frank Shrier	PacifiCorp
Michelle Day	NMFS
Baker Holden	USDA FS
Ruth Tracy	USDA FS
Shannon Wills	Cowlitz Indian Tribe
Peggy Miller	WDFW
Pat Frazier	WDFW
Steve Manlow	LCFRB

On November 19, 2015 the Subgroup conducted its initial meeting to review the available habitat evaluation tools, maps, etc. as further detailed in the ACC Aquatic Fund Subgroup Meeting Notes (**Appendix G**).

The next Subgroup meeting took place January 7, 2016 (**Appendix H**) to continue its review of the Lewis River Synthesis Matrix and the Lower Columbia Fish Recovery Board (LCFRB) Interactive map (<http://www.lowercolumbiasalmonrecovery.org/mappage>).

The Subgroup will consider the top 25 priority areas with the highest restoration potential for each proposer to focus their efforts for future Lewis River habitat improvement projects.

PacifiCorp and its consultants concluded an upgrade of the Ecosystem Diagnosis and Treatment (EDT) model in March 2016. Now that the upgrade is complete, PacifiCorp will rerun the Synthesis Matrix and LCFRB ratings. The Subgroup will determine additional meeting dates once the EDT model results are available.

On March 7, 2016 (**Appendix I**) PacifiCorp provided the ACC an update of the Subgroup efforts thus far to include the current balance of funds in the Resource and Bull Trout aquatic fund accounts.

Project Update

On October 8, 2015, at a regularly scheduled ACC meeting, consensus was reached to withdraw funding for the 2015/2016 Lewis River RM 13.5 Restoration Project, Phase II (Project), as proposed by the Lower Columbia Fish Enhancement Group (LCFEG). The Project did not receive its matching Salmon Recovery Funding Board (SRFB) funds needed to proceed with the Project. The ACC requested LCFEG re-apply for 2017 Lewis River Aquatic funding (**Appendix E, pages 2-3**). The ACC also agreed to send a written response to the LCFEG detailing the ACC decision and the justification for this decision, which was completed on October 13, 2015 (**Appendix F**).

Applicant	Project Title	Funding Requested	Decision
LCFEG	Lewis River RM 13.5 Restoration Project, Phase II	\$77,000	Withdraw funding

Conclusion

The Utilities are pleased to announce that over the course of the past ten (10) years PacifiCorp and Cowlitz PUD have successfully funded approximately \$2,052,945 to support resource protection and habitat measures via aquatic related projects (resource project) in the Lewis River basin.

The current moratorium does not affect the Utilities funding obligations in accordance with 7.5.1 and 7.5.2 of the Settlement Agreement. Funds will continue to be placed into the Aquatic Fund as required by the Settlement Agreement.

The Utilities look forward to continued progress with the Subgroup and ACC to revise and gain approval of an updated strategic plan no later than the summer of 2016. Such a schedule will allow the ACC to resume the Aquatic Fund opportunity in September 2016.



Lewis River Side Channel Near Muddy River Instream Habitat Restoration - 2014

APPENDIX A

LEWIS RIVER SETTLEMENT AGREEMENT ARTICLE 7.5

7.5 **Aquatics Fund.** PacifiCorp Energy and Cowlitz PUD shall establish the Lewis River Aquatics Fund (“Aquatics Fund”) to support resource protection measures (“Resource Projects”). Resource Projects may include, without limitation, projects that enhance and improve wetlands, riparian, and riverine habitats; projects that enhance and improve riparian and aquatic species connectivity that may be affected by the continued operation of the Projects; and projects that increase the probability for a successful reintroduction program. The Aquatics Fund shall be a Tracking Account maintained by the Licensees with all accrued interest being credited to the Aquatics Fund. PacifiCorp Energy shall provide \$5.2 million, in addition to those funds set forth in Section 7.1.1, to enhance, protect, and restore aquatic habitat in the Lewis River Basin as provided below. Cowlitz PUD shall provide or cause to be provided \$520,000 to enhance, protect, and restore aquatic habitat in the Lewis River Basin as provided below; provided that Cowlitz PUD’s funds may only be used for Resource Projects upstream of Swift No. 2, including without limitation the Bypass Reach. The Licensees shall provide such funds according to the schedules set forth below.

7.5.1 **PacifiCorp’s Contributions.**

- a. PacifiCorp shall make funds available as follows: on each April 30 commencing in 2005, \$300,000 per year until 2009 (a total of \$1.5 million).
- b. For each of the Merwin, Yale, and Swift No. 1 Projects, PacifiCorp shall make one-third of the following funds available as follows after the Issuance of the New License for that Project: on each April 30 commencing in 2010, \$300,000 per year through 2014 (a total of \$1.5 million); on each April 30 commencing in 2015, \$100,000 per year through 2018 (a total of \$400,000); and on each April 30 commencing in 2019, \$200,000 per year through 2027 (a total of \$1.8 million); provided that, for any New License that has not been Issued by April 30, 2009, the funding obligation for that Project shall be contributed annually in the same amounts but commencing on April 30 following the first anniversary of Issuance of the New License for that Project.
- c. PacifiCorp shall contribute \$10,000 annually to the Aquatics Fund as set forth in Section 7.1.1.

7.5.2 **Cowlitz PUD’s Contributions.** Cowlitz PUD shall make or cause to be made funds available as follows: \$25,000 per year on each April 30 following the first anniversary of the Issuance of the New License for the Swift No. 2 Project through the April 30 following the 20th anniversary of the Issuance of the New License for the Swift No. 2 Project (a total of \$500,000); and a single amount of \$20,000 on the April 30 following the 21st anniversary of the Issuance of the New License for the Swift No. 2 Project.

7.5.3 Use of Funds. Decisions on how to spend the Aquatics Fund, including any accrued interest, shall be made as provided in Section 7.5.3.2 below; provided that (1) at least \$600,000 of such monies shall be designated for projects designed to benefit bull trout according to the following schedule: as of April 30, 2005, \$150,000; as of April 30, 2006, \$100,000; as of April 30, 2007, \$150,000; as of April 30, 2008, \$100,000; and on or before the April 30 following the fifth anniversary of the Issuance of all New Licenses, \$100,000; and such projects shall be consistent with bull trout recovery objectives as determined by USFWS; (2) fund expenditures for the maintenance of the Constructed Channel (Section 4.1.3) shall not exceed \$20,000 per year on average; (3) if studies indicate that inadequate “Reservoir Survival,” defined as the percentage of actively migrating juvenile anadromous fish of each of the species designated in Section 4.1.7 that survive in the reservoir (from reservoir entry points, including tributary mouths to collection points) and are available to be collected, is hindering attainment of the Overall Downstream Survival standard as set forth in Section 3, then at least \$400,000 of such monies shall be used for Resource Projects specifically designed to address reservoir mortality; and (4) \$10,000 annually shall be used for lower river projects as set forth in Section 7.1.1. Projects shall be designed to further the objectives and according to the priorities set forth below in Section 7.5.3.1.

7.5.3.1 Guidance for Resource Project Approval and Aquatics Fund Expenditures.

- a. Resource Projects must be consistent with applicable Federal, State, and local laws and, to the extent feasible, shall be consistent with policies and comprehensive plans in effect at the time the project is proposed. These may include, but are not limited to, Washington’s Wild Salmonid Policy, the Lower Columbia River Bull Trout Recovery Plan, and the Lower Columbia River Anadromous Fish Recovery Plan.
- b. The Aquatics Fund shall not be used to fund Resource Projects that any entity is otherwise required by law to perform (not including obligations under this Agreement or the New Licenses for use of the Aquatics Fund), unless by agreement of the ACC.
- c. The Licensees shall evaluate Resource Projects using the following objectives:
 - (1) benefit fish recovery throughout the North Fork Lewis River, with priority to federal ESA-listed species;
 - (2) support the reintroduction of anadromous fish throughout the Basin; and
 - (3) enhance fish habitat in the Lewis River Basin, with priority given to the North Fork Lewis River.

For the purposes of this Section 7.5, the North Fork Lewis River refers to the portion of the Lewis River from its confluence with the Columbia River upstream to the headwaters, including tributaries except the East Fork of the Lewis River.

The Licensees shall also consider the following factors to reflect the feasibility of projects and give priority to Resource Projects that are more practical to implement:

- (i) Whether the activity may be planned and initiated within one year,
- (ii) Whether the activity will provide long-term benefits,
- (iii) Whether the activity will be cost-shared with other funding sources,
- (iv) Probability of success, and
- (v) Anticipated benefits relative to cost.

7.5.3.2 Resource Project Proposal, Review, and Selection.

(1) By the first anniversary of the Effective Date, the Licensees shall develop, in Consultation with the ACC, (a) a strategic plan consistent with the guidance in Section 7.5.3.1 above to guide Resource Project development, solicitation, and review; and (b) administrative procedures to guide implementation of the Aquatics Fund. Both may be modified periodically with the approval of the ACC.

(2) Any person or entity, including the Licensees, may propose a Resource Project. In addition, the Licensees may solicit Resource Projects proposals from any person or entity.

(3) The Licensees shall review all Resource Project proposals, applying the guidance set forth in Section 7.5.3.1. The Licensees shall provide an annual report describing proposed Resource Project recommendations to the ACC. The date for submitting such report shall be determined in the strategic plan defined in subsection 7.5.3.2(1) above. The report will include a description of all proposed Resource Projects, an evaluation of each Resource Project, and the basis for recommending or not recommending a project for funding.

(4) The Licensees shall convene a meeting of the ACC on an annual basis, no sooner than 30 days and no later than 60 days after distribution of the report set forth in Section 7.5.3.2(2), for Consultation regarding Resource Projects described in the report.

(5) Licensees shall modify the report on proposed Resource Projects, based on the above Consultation, and submit the final report to the ACC within 45 days after the above Consultation. Any ACC member may, within 30 days after receiving the final report, initiate the ADR Procedures to resolve disputes relating to Resource Projects. If the ADR Procedures are commenced, the Licensees shall defer submission of the final report on Resource Projects to the Commission, if necessary, until after the ADR Procedures are completed. If the ADR Procedures fail to resolve all disputes, the Licensees shall provide the comments of the ACC to the Commission. If no ACC member initiates the ADR Procedures, the Licensees shall submit the final report to the Commission, if necessary, within 45 days after submission of the final report to the ACC.

APPENDIX B
AQUATIC COORDINATION COMMITTEE
JULY 9, 2015 AGENDA AND MEETING MINUTES

Lewis River Hydroelectric Projects Settlement Agreement Aquatic Coordination Committee (ACC) Meeting Agenda

Date & Time: Thursday, July 9, 2015
9:00 a.m. – 1:00 p.m.

Place: Merwin Hydro Control Center
105 Merwin Village Court
Ariel, WA 98603

Contacts: Frank Shrier: (503) 320-7423

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> ➤ Review Agenda and 6/11/15 Meeting Notes ➤ Comment & accept Agenda and 6/11/15 Meeting Notes ➤ Public Comment Opportunity
9:15 a.m.	Mason, Bruce & Girard – Provide update on lower river EDT, and talk about potential projects
10:30 a.m.	DECISION: Reduce sorting fish at the Merwin Trap to a 5-day week schedule beginning mid-July through August 2015 – Karchesky
10:30 a.m.	Break
10:45 a.m.	Smolt releases at LRH; first pass water and release options – Kinne/Lesko
11:15 a.m.	Production Numbers for 2016 Discussion – Spring Chinook in Upper watershed or release downstream
11:30 a.m.	Review the <i>Aquatic Fund Strategic Plan and Administrative Procedures, September 2013</i> Aquatic Fund Procedure <ul style="list-style-type: none"> ➤ 2015/2016 Aquatic Fund Discussion; modify procedures, suspend for one year, etc. (cont'd)
12:00 p.m.	Working Lunch (Please bring your lunch)
12:30 p.m.	Study/Work Product Updates: <ul style="list-style-type: none"> ○ Woodland Release Ponds - Status ○ Hatchery Upgrades - Status ○ Acclimation Ponds - Status ○ Merwin Upstream Passage – Status ○ Swift Floating Surface Collector – Status ○ Monitoring and Evaluation Plan Revision - Status
12:45 p.m.	<ul style="list-style-type: none"> ➤ Next Meeting's Agenda <p>Note: all meeting notes and the meeting schedule can be located at: http://www.pacificorp.com/es/hydro/hl/lr.html#</p> <ul style="list-style-type: none"> ➤ Public Comment Opportunity
1:00 p.m.	Adjourn

Join by Phone

+1 (503) 813-5252 [Portland, Ore.]

+1 (855) 499-5252 [Toll Free]

Conference ID: 5687805

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
July 9, 2015
Conference Call

ACC Participants Present (16)

Chris Karchesky, PacifiCorp
Frank Shrier, PacifiCorp
Kim McCune, PacifiCorp
Erik Lesko, PacifiCorp
Adam Haspiel, USDA Forest Service
Baker Holden, USDA Forest Service
Michelle Day, NMFS
Eric Kinne, WDFW
Peggy Miller, WDFW
Aaron Roberts, WDFW
Bryce Glaser, WDFW
Diana MacDonald, Cowlitz PUD
Pat Frazier, LCFRB
Carol Serdar, WDOE

Guests

Allen Thomas, Columbian
Willis E. (Chip) McConnaha, Ph.D.

Calendar:

August 13, 2015	ACC Meeting	Merwin Hydro
September 10, 2015	ACC Meeting	Merwin Hydro

Assignments from July 9, 2015 meeting	Status
McCune: Email the <i>Capturing Habitat Restoration Actions in Ecosystem Diagnostics & Treatment (EDT)</i> PowerPoint presentation to the ACC.	Complete – 7/10/15
McCune: Email the final document titled, <i>Operational Guidelines in Consideration of a 5-Day summer Work Schedule at the Merwin Fish Collection Facility</i> to the ACC.	Complete – 7/17/15
McCune: Distribute a copy of the updated Lewis River Synthesis Matrix CD to the ACC members upon completion.	
ACC: Schedule an initial meeting in the month of October 2015 for the review of the Aquatic Fund Strategic Plan and Administrative Procedures 2016/2017 funding cycle.	
McCune/Shrier: Submit a one year extension request to the FERC for the M&E Revised Plan.	
McCune: Provide an additional 7-day review and comment period to those ACC members not in attendance specific to the Aquatic Fund moratorium decision.	Complete – 7/17/15

Assignments from June 11, 2015 meeting	Status
Frazier: Provide McCune a form that LCFRB uses whereby a landowner can sign evidencing his/her/their interest in supporting the project and access thereto which is included with the aquatic fund project proposal.	Complete – 6/15/15
Shrier: Email Dr. Robert Al-Chokhachy data table that has been collected since the previous EDT runs in the upper Lewis, and data that is currently lacking (i.e., needed)	Complete – 6/17/15
Shrier: Email article to ACC regarding using river ice to imprint fish in the embryonic stage.	Complete – 6/17/15
Karchesky: Provide the ACC with a proposed summer operations (5 day/week – mid-July/August) protocols and trigger points for Merwin Trap prior to the July 9, 2015 meeting.	Complete – 7/1/15

Assignments from February 13, 2014 meeting (revised 7/9/15)	Status
Kinne: Work on securing the 2012, 2013 and 2014 lower river coho abundance survey data for tributaries. Provide this information to Erik Lesko (PacifiCorp).	As of 7/9/15, this assignment is still pending.

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 9:05 a.m. and reviewed the agenda and assignments. Shrier noted that he will provide an update on the Lewis River low flow conditions.

The June 11, 2015 meeting notes were reviewed and approved without change at 9:15 am.

Kim McCune (PacifiCorp) will finalize the June 11, 2015 meeting notes for posting to the Lewis River website.

Public Comment

None

Mason, Bruce & Girard/ICF (Willis E. (Chip) McConnaha, Ph.D.) – Provide update on lower river EDT, and talk about potential projects

McConnaha provided a PowerPoint presentation titled, “*Capturing Habitat Restoration Actions in Ecosystem Diagnostics & Treatment (EDT)*” (see [Attachment A](#) for greater detail) for ACC review.

McConnaha addressed the objectives of Phase 1 specific to the Lower Lewis River Habitat Restoration Assessment to include, but not limited to, the following:

- Contribute to development of an updated Lewis River EDT model to evaluate restoration projects
- Incorporate restoration projects completed after 2007
- Develop conceptual models of potential effectiveness of categories of restoration actions
- Define intensity of implementation of specific actions
- Compute change in EDT output based on new environmental data

Subsequent phases will focus on quantification of biological benefits of implemented actions and restoration strategies.

McConnaha informed the ACC attendees that Moberland Biometrics were the original creator of the 2007 EDT Model which has been reprogrammed and updated to the EDT 3 platform; new software update. The basic methodology used to estimate attributes at a reach scale did not change.

McConnaha provided a map of the habitat restoration projects (see PowerPoint) that have already occurred in the Lewis River basin including some that PacifiCorp has funded using the Aquatic Funds. He further explained how those projects would be added into the 2007 model database to update the EDT model and how they would take a list of proposed projects they are developing to evaluate for potential in lieu funding using the EDT.

The approach McConnaha described would be to determine the Effectiveness and Intensity of each project and then fit that into a Restoration Strategy. Effectiveness is a scientific approach that steps back and looks at the biological benefits of certain restoration activities on a broad scale.

Depending on how each project “scores” it will be plugged into the EDT model as a viable In-Lieu project and the EDT will spit out the benefits to fish and how much fish production you can expect from each action. EDT will also look at all the activities as a whole to give an overall picture of the benefits. As an example, a project of low Intensity will not likely be a large enough scale to show up on EDT’s radar.

McConnaha provided detail in the PowerPoint illustrating that, in the world of fish habitat restoration there are really only six different types: flow modification, riparian restoration, reconnecting floodplains (dike removal), wood structures, connectivity (removing or replacing culverts), and road decommissioning (reduces sediment to streams)

McConnaha provided an example of an action termed ‘Large woody debris delivery’ which would be enhancing riparian with wood structures but also planting trees that would provide wood to the stream in the future. The more planting you do, the higher the future rating of the project.

McConnaha then provided an illustration of the six habitat actions in terms of how they are organized in the model and what features contribute to the action. The purple circles have an effectiveness rating from 1 to 5. The final PowerPoint slide was detail from the Lower Columbia Fish Recovery Board’s project list with Lockwood Creek restoration that has a high potential because it hits on restoring riparian habitat, adding to the wood inputs, and reconnecting the floodplain.

McCune will email the PowerPoint presentation to the ACC.

In response to a question from Michelle Day (NMFS) about what is happening with the baseline, McConnaha stated that they are updating the 2007 EDT platform up to what is currently being used now. This is accomplished by starting with the baseline from 8 years ago and providing updated inputs.

McConnaha stated that collecting new data is ongoing to include subsequent phases of searching for new information.

General discussion took place regarding data collected since early 2000s, the need to be careful about going back and what are the ultimate objectives. Also discussed is how far we have come from the baseline to where we are now; how does it allow us to evaluate new projects.

Pat Frazier (LCFRB) indicated that the analysis using projects completed to date represents what we have done and how far we have moved the needle; and indicates if the Lewis River is on track with the Recovery Plan

McConnaha stated that the purpose is to provide a platform to evaluate benchmarks and the documentation phase will include where attributes are changed.

McConnaha informed the ACC attendees that there are potentially 46 attributes within EDT but not all of them are currently being used.

<Break 10:40am>

<Reconvene 10:50am>

DECISION: Reduce sorting fish at the Merwin Trap to a 5-day week schedule beginning mid-July through August 2015 – Chris Karchesky

Karchesky provided a cursory review of the memo titled, “*Operational Guidelines in Consideration of a 5-Day summer Work Schedule the Merwin Fish Collection Facility*” (DRAFT) – July 1, 2015 document for ACC consideration ([Attachment B](#)). This document was emailed to the ACC for its review on July 1, 2015.

The ACC agreed with the new schedule as written, however, PacifiCorp will consult with the ACC prior to implementing the five (5) day per week summer operations schedule each year.

Smolt releases at LRH; first pass water and release options – Kinne/Lesko

Still looking for a vessel suitable for this release; no further update. Add this topic to the August 13, 2015 ACC meeting agenda.

Production Numbers for 2016 Discussion – Spring Chinook in Upper watershed or release downstream

Add this topic to the monthly updates to inform the ACC of any changes.

Review the *Aquatic Fund Strategic Plan and Administrative Procedures, September 2013* Aquatic Fund Procedure; 2015/2016 Aquatic Fund Discussion (cont’d)

Shrier informed the ACC that he has nearly completed updating the 2007 Lewis River Habitat Synthesis Tool. McCune will distribute a copy of the updated CD to the ACC members upon completion.

The ACC attendees expressed that they would like to consider an Aquatic Fund moratorium for the 2015/2016 funding cycle due to a number of reasons:

- Time needed to review data specific to EDT model to evaluate restoration projects
- Updated Synthesis Matrix
- Insurance requirements; PacifiCorp's review of its limits
- Establishing process for securing landowner acknowledgement/access form

McCune review the following Lewis River Settlement Agreement requirement as adopted into the *Aquatics Fund – Strategic Plan and Administrative Procedures, Prepared by PacifiCorp and Cowlitz PUD - September 2005, revised January 2009 and September 2013*

7.5.3.2 Resource Project Proposal, Review, and Selection.

(1) By the first anniversary of the Effective Date, the Licensees shall develop, in Consultation with the ACC, (a) a strategic plan consistent with the guidance in Section 7.5.3.1 above to guide Resource Project development, solicitation, and review; and (b) administrative procedures to guide implementation of the Aquatics Fund. Both may be modified periodically with the approval of the ACC.

The ACC attendees agreed to gather a subgroup to address the modifications, process and procedures to prepare for the 2016/2017 Aquatic Fund cycle. Those members include, but are not limited to, the following and they will meet periodically over the next twelve months:

Kim McCune	PacifiCorp
Frank Shrier	PacifiCorp
Michelle Day	NMFS
Baker Holden	USFS
Adam Haspiel	USFS
Shannon Wills	Cowlitz Indian Tribe
Peggy Miller	WDFW
Eric Kinne	WDFW
Diana Gritten-MacDonald	Cowlitz PUD
Pat Frazier	LCFRB

The ACC will schedule an initial meeting in the month of October 2015.

The ACC agreed to a moratorium of the 2015/2016 Aquatic funding cycle. The subgroup will determine all appropriate steps relative to notifying external parties to include the FERC and the Annual Reporting requirement in April 2016.

McCune will provide an additional 7-day review and comment period to those ACC members not in attendance.

Study/Work Product Updates

Lewis River Flow Regime

Shrier informed the ACC attendees that the flow conditions on the Lewis River are poor and there is very little projected rain in the near future.

In an effort to slow drafting of the reservoirs in order to preserve water for the more biologically sensitive fall spawning period the Flow Coordination Committee agreed to the following modified minimum flow schedule.

Date	Minimum Flow
July 3 – July 10	1500 cfs
July 11-30	1200 cfs
July 31 – October 15	800 cfs

The current inflow is as follows:

Speelyai	2.9cfs
Muddy	89 cfs
Merwin	897 cfs
Swift	724 cfs
Yale	763 cfs

Woodland Release Ponds

The Woodland Release Ponds will not be completed by December 26, 2015 due to Department of Natural Resources (DNR) land lease permitting. The in-water work plan is currently in review with Department of Ecology.

Hatchery Upgrades:

Two projects remain as part of Schedule 8.7 of the Settlement Agreement.

Speelyai Hatchery Intake Modifications – working on coffer dams; on schedule for 2015 completion.

Lewis River Downstream Intake - Project is still on schedule for completion by October 2015.

Acclimation Pond/Muddy Status

Shrier recommended the use of the ice melt technique as an experiment; however, results would not be seen for five (5) years. There may be a benefit to the use of ice, its early acclimation (embryonic imprint) as part of the overall acclimation process.

Bob Rose (Yakama Nation) is touring with Shrier on July 10, 2015 and Shrier will discuss the Muddy acclimation pond, available options and report back to the ACC.

The ACC is open to the idea and the kind of testing that Andrew Dittman wants to do. But Shrier committed that if we pursue this experiment, then the acclimation fish numbers will still remain at 100,000 unless WDFW wants to change the stocking numbers.

Acclimation Pond/Crab Creek

Construction began this week; where the pond intake will be placed has been sited; fire restrictions currently in effect so the contractor is working through these challenges.

Monitoring and Evaluation (M&E) Revised Plan

The draft red-line was emailed to the ACC on July 1, 2015 for its 90-day review and comment period. The ACC attendees expressed concern about the ability to complete its review within that time frame.

The ACC agreed that in order to provide a thorough and comprehensive 5-year M&E Revised Plan it was appropriate to request a one year extension (December 26, 2016) from the FERC.

McCune and Shrier will write the extension request letter and submit to the FERC.

Lewis River Fish Passage

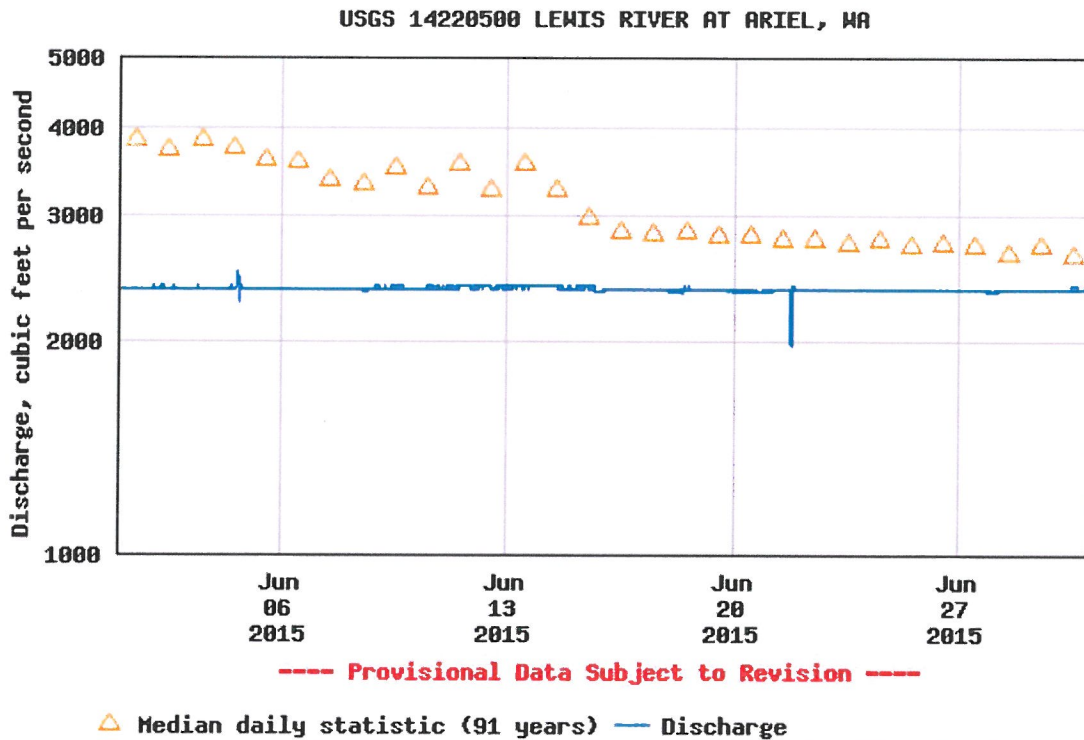
Karchesky informed the ACC that PacifiCorp is making efforts to install a lead (or fish guidance) net at the floating surface collector (FSC) before the 2016 out-migration season. This net will help smolts find the entrance of the FSC and improve collection efficiency. Current estimates of collection efficiency are below the 98 percent required in the settlement agreement. Karchesky will provide a presentation of items learned during the 2015 fish behavior study at the September ACC meeting.

Merwin Fish Collection Facility and General Operations (Attachment C)

During the month of June, a total 861 fish were captured at the Merwin Fish Collection Facility; the majority (72%) of these fish were hatchery summer steelhead (n=619) followed by hatchery spring Chinook (n=217). All hatchery steelhead were either transported downstream by Washington Department of Fish and Wildlife as part of the angler recycling program or taken to Merwin Hatchery for brood stock. All spring Chinook captured were transported to Speelyai Fish Hatchery for brood stock. The Merwin Fish Collection Facility ran continuously throughout the month of June.

The Auxiliary Water Supply (AWS) system, which can boost attraction flow up to 400 cfs, was operated daily in addition to the Ladder Water Supply (LWS) throughout the month of June. River flow below Merwin Dam ranged between approximately 2,340 cfs to 2,510cfs during June.

Discharge, cubic feet per second



Upstream Transport ([Attachment C](#))

To date, 1,218 (741 m: 477 f) BWT winter steelhead have been transported and released upstream of Swift Reservoir (27 of which were captured via tangle net in the lower river as part of the Hatchery and Supplementation Plan Monitoring). In addition, eight coastal cutthroat trout exceeding thirteen inches have been transported upstream of Swift Reservoir this year.

Swift Floating Surface Collector ([Attachment C](#))

A total of 8,288 fish were collected at the Swift Floating Surface Collector (FSC) during the month of June. The majority (87 percent) of these fish were juvenile coho ($n=7,192$), followed by hatchery rainbow trout ($n=569$), juvenile spring Chinook ($n=300$), juvenile steelhead ($n=152$), cutthroat trout ($n=68$), steelhead kelt ($n=7$) and bull trout ($n=1$). All hatchery rainbow trout, bull trout, and salmonid fry ($< 60\text{mm}$) were returned back to Swift Reservoir. The FSC continuously ran throughout the month of June.

Other

None

< Meeting adjourned at 1:00 p.m. >

Agenda items for August 13, 2015

- July 9, 2015 Meeting Notes
- Dr. Al Chokhachy – Development of New Information to Inform Fish Passage Decisions at the Yale and Merwin Hydro Projects on the Lewis River Smolt releases at LRH; first pass water and release options
- Fish Release Procedure and Evaluation at Lewis River Hatchery

- Monitoring and Evaluation (M&E) Subgroup; 90-day review of redline draft
- Study/Work Product Updates

Public Comment: Al Thomas (Columbian) requested information on hatchery brood stock numbers for Lewis River adult Chinook salmon. Thomas also requested information on reservoir water conditions and projected summer time elevations.

Next Scheduled Meetings:

August 13, 2015	September 10, 2015
Merwin Hydro Control Center	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00 a.m. – 4:00 p.m.	9:00 a.m. – 3:00 p.m.

Meeting Handouts & Attachments:

- Notes from 6/11/15
- Agenda from 7/9/15
- **Attachment A** – PowerPoint: Capturing Habitat Restoration Actions in Ecosystem Diagnostics & Treatment (EDT)
- **Attachment B** – Operational Guidelines in Consideration of a 5-Day summer Work Schedule at the Merwin Fish Collection Facility” (DRAFT) – July 1, 2015
- **Attachment C** - Lewis River Fish Passage Report (June 2015)

APPENDIX C
EMAIL TO ACC FROM K. McCUNE – PACIFICORP
2015/2016 LEWIS RIVER AQUATIC FUND; ONE YEAR MORATORIUM
JULY 17, 2015

Subject:

RE: ACTION REQUESTED: 2015/2016 Lewis River Aquatic Fund; One year moratorium

On Jul 17, 2015, at 8:40 AM, McCune, Kimberly <Kimberly.McCune@pacificorp.com> wrote:

Attn: ACC Participants

Please be advised that the July 9, 2015 Aquatic Coordination Committee (ACC) meeting included a decision to place a one (1) year moratorium on the 2015/2016 Aquatics Fund. The announcement for *Availability of Funds for Aquatic Related Projects in the Lewis River Basin* is expected to resume September, 2016 for the 2016/2017 aquatic fund cycle.

In accordance with the Lewis River Settlement Agreement requirement below, as adopted into the *Aquatics Fund – Strategic Plan and Administrative Procedures*, the ACC wishes to allow the time needed to consider a number of modifications to the Administrative Procedures and to gather the needed internal and external resources available to improve its evaluation of each resource project presented for funding, thus improving its overall evaluation effectiveness in the years to come.

7.5.3.2 Resource Project Proposal, Review, and Selection.

(1) *By the first anniversary of the Effective Date, the Licensees shall develop, in Consultation with the ACC, (a) a strategic plan consistent with the guidance in Section 7.5.3.1 above to guide Resource Project development, solicitation, and review; and (b) administrative procedures to guide implementation of the Aquatics Fund. Both may be modified periodically with the approval of the ACC.*

The ACC attendees agreed to gather a subgroup to address the modifications, process and procedures to prepare for the 2016/2017 Aquatic Fund cycle. Those members include, but are not limited to, the following and they will meet periodically over the next twelve months:

Kim McCune	PacifiCorp
Frank Shrier	PacifiCorp
Michelle Day	NMFS
Baker Holden	USFS
Shannon Wills	Cowlitz Indian Tribe
Peggy Miller	WDFW
Eric Kinne	WDFW

We are pleased to announce that over the course of the past ten (10) years PacifiCorp and Cowlitz PUD have successfully funded approximately \$2,052,945 to support resource protection and habitat measures via aquatic related projects (resource project) in the Lewis River basin.

To accommodate those ACC participants not in attendance, the Utilities are providing an additional 7-day comment period. If you wish to comment or have any objections to this decision please send to my attention **on or before close of business Friday, July 24, 2015.**

Thank you.

Kimberly McCune

Sr. Project Coordinator

PacifiCorp – Hydro Resources

825 NE Multnomah St., Suite 1500

Portland, OR 97232

Ph: (503) 813-6078

Mobile: (503) 708-4819

APPENDIX D

LETTER DATED SEPTEMBER 3, 2015

TO LEWIS RIVER SETTLEMENT AGREEMENT PARTIES, AQUATIC AND
TERRESTRIAL COORDINATION COMMITTEES AND INTERESTED PARTIES

LEWIS RIVER SETTLEMENT AGREEMENT 7.5 – AQUATIC FUND; ONE YEAR
MORATORIUM

September 3, 2015

Subject: Lewis River Settlement Agreement 7.5 – Aquatic Fund; One Year Moratorium

Dear Settlement Agreement Parties, Aquatic and Terrestrial Coordination Committees and Interested Parties:

PacifiCorp owns the Merwin, Yale, and Swift No. 1 hydroelectric projects on the Lewis River in southwest Washington. Public Utility District No. 1 of Cowlitz County, Washington (Cowlitz PUD) owns the Swift No. 2 hydroelectric project, also located on the Lewis River. These projects are operated as a coordinated system. On November 30, 2004, the Lewis River Settlement Agreement established the Lewis River Aquatics Fund (Fund). On June 26, 2008, the Federal Energy Regulatory Commission acknowledged this fund as a stipulation of project operating licenses.

We are pleased to announce that over the course of the past ten (10) years PacifiCorp and Cowlitz PUD have successfully funded approximately \$2,052,945 to support resource protection and habitat measures via aquatic related projects (resource project) in the Lewis River basin. Each resource project was evaluated by the Utilities and the Aquatic Coordination Committee (ACC) and selected according to their:

- (1) Benefit to fish recovery throughout the North Fork Lewis River, with priority to federal ESA-listed species;
- (2) Support of the reintroduction of anadromous fish throughout the Basin; and
- (3) Enhancement to fish habitat in the Lewis River Basin, with priority given to the North Fork Lewis River.

On July 9, 2015, followed by a 7-day review and comment period ending on July 24, 2015, the ACC decided to place a one (1) year moratorium on the 2015/2016 Aquatics Fund. In accordance with the Lewis River Settlement Agreement requirement below, as adopted into the *Aquatics Fund – Strategic Plan and Administrative Procedures*, the ACC wishes to allow the time needed to consider a number of modifications to the Administrative Procedures and to gather the needed internal and external resources available to improve its evaluation of each resource project presented for funding, thus improving its overall evaluation effectiveness in the years to come.

SCANNED

9/13/15


7.5.3.2 Resource Project Proposal, Review, and Selection.

(1) *By the first anniversary of the Effective Date, the Licensees shall develop, in Consultation with the ACC, (a) a strategic plan consistent with the guidance in Section 7.5.3.1 above to guide Resource Project development, solicitation, and review; and (b) administrative procedures to guide implementation of the Aquatics Fund. Both may be modified periodically with the approval of the ACC.*

This moratorium does not affect the Utilities funding obligations in accordance with 7.5.1 and 7.5.2 of the Settlement Agreement.

We look forward to resuming the Aquatic Fund opportunity in September 2016 and participating in the funding of more habitat enhancement projects in the Lewis River basin.

Sincerely,

A handwritten signature in blue ink, appearing to read "Todd Olson", is written over a horizontal line.

Todd Olson
Director, Compliance Hydro Resources

Lewis River 2015/2016 Aquatic Fund Announcement Notification List

September 3, 2015

eMail:	Diana M. Gritten-MacDonald PUD #1 of Cowlitz County, WA PO Box 3007 Longview, WA 98632-0307 dmacdonald@cowlitzpud.org	eMail:	Bill M. Bakke The Native Fish Society 7830 SW 40 th , Suite 6 Portland, OR 97219 bmbakke@gmail.com
eMail:	Bob Nelson Rocky Mountain Elk Foundation, Inc. 45 Overmeyer Rd Raymond, WA 98577 nelson338@aol.com	Hc:	Salley Sovey United States Bureau of Land Mgmt. 915 Walla Walla Ave Wenatchee, WA 98801
eMail:	Adam Haspiel USDA Forest Service 42218 NE Yale Bridge Road Amboy, WA 98601 ahaspiel@fs.fed.us	eMail:	Kathryn Miller Trout Unlimited 227 SW Pine Street, Suite 200 Portland, OR 97204 kmiller@tu.org
eMail:	Michelle Day NMFS 1201 NE Lloyd Blvd., Suite 1100 Portland, OR 97232-2778 michelle.day@noaa.gov	Hc:	Brett Swift American Rivers 320 SW Stark St Ste 412 Portland, OR 97204-2634
Hc:	Ken S. Berg United States Fish and Wildlife Service 510 Desmond Drive SE, Ste. 102 Lacey, WA 98503-1263	eMail:	John Clapp Lewis River Citizens at-Large 9315 NE Etna Road Woodland, WA 98674 jmcmapple@gmail.com
eMail:	Bart Stepp City of Woodland 100 Davidson, Box 9 Woodland, WA 98674 steppb@ci.woodland.wa.us	eMail:	Emily Platt Gifford Pinchot Task Force 917 SW Oak St., Suite 407 Portland, OR 97205 Emily@gptaskforce.org
Hc:	Cowlitz County Department of Public Works 207 4th Ave North Kelso, WA 98626	Hc:	Jody Lando, Senior Quantitative Ecologist Stillwater Sciences 404 SE 6th Avenue Portland, OR 97214
Hc:	Ilene L. Black North County Emergency Medical Svc. 227 Frasier Rd. Amboy, WA 98601	Hc:	Darlene G. Johnson Woodland Chamber of Commerce P.O. Box 1808 Woodland, WA 98674 darlene@gowoot.net
eMail:	Mariah Stoll-Smith Reese Lewis River Community Council 14900 Lewis River Rd. Ariel, WA 98603 mariah@lelooska.org	Hc:	Washington Recreation & Conservation Office P.O. Box 40917 Olympia, WA 98504-0917

eMail:	Susan Rosebrough National Park Service 909 First Avenue Seattle, WA 98104-1060 susan_rosebrough@nps.gov	eMail:	Peggy Miller Washington Dept. Fish & Wildlife 600 Capitol Way North Olympia, WA 98504-0001 peggy.miller@dfw.wa.gov
eMail:	James Malinowski Fish First PO Box 127 Amboy, WA 98601 j.malinowski@ieee.org	eMail:	Melody Tereski Lower Columbia Fish Recovery Board 2127 8th Ave Longview, WA 98632 Melodyt@lcfrb.gen.wa.us
eMail:	Noel Johnson Lewis River Citizens at-Large 6412 NW Amidon Road Woodland, WA 98674 noel@lewisriver.com	eMail:	Pat Frazier Lower Columbia River Fish Recovery 2127 8 th Avenue Longview, WA 98632 pfrazier@lcfrb.gen.wa.us
Hc:	Don Stuart Cowlitz-Skamania Fire Dist. No. 7 11670 Lewis River Road Ariel, WA 98603	eMail:	Amy Tanska Mt. Saint Helens Institute atanska@mshinstitute.org
Hc:	Betty Sue Morris, Chair Clark County, 1013 Franklin Street PO Box 5000 Vancouver, WA 98666-5000	eMail:	Eric Kinne WDFW 2108 Grand Blvd Vancouver, WA 98661 kinneebk@dfw.wa.gov
eMail:	Jeff Breckel Lower Columbia River Fish Recovery 2127 8 th Avenue Longview, WA 98632 jbreckel@lcfrb.gen.wa.us	Hc:	Gary Stuart Cowlitz-Skamania Fire District No. 7 11310 Lewis River Road Ariel, WA 98603
eMail:	Bob Rose Yakama Nation P.O. Box 151 Toppenish, WA 98948 rosb@yakamafish-nsn.gov	eMail:	Kemper M. McMaster Wildlands of Washington 2713 NW 140th St Vancouver, WA 98685 kmcmaster@wildlandsinc.com
eMail:	Lisa Moscinski Deputy Director Gifford Pinchot Task Force 917 SW Oak Street, Suite 410 Portland, OR 97205 lisa@gptaskforce.org	eMail:	Tammy Weisman Lower Columbia Fish Enhancement Group tweisman@lcfeg.org
Hc:	Steve Vigg Washington Dept. Fish & Wildlife 600 Capitol Way North Olympia, WA 98501	Hc:	Joel Rupley Clark County PO Box 5000 Vancouver, WA 98666
eMail:	Shannon Wills Cowlitz Indian Tribe PO Box 2547 Longview, WA 98632 biologist@cowlitz.org	eMail:	Mark Celedonia US Fish & Wildlife Services 510 Desmond Drive SE, Suite 102 Lacey, WA 98503-1263 mark_celedonia@fws.gov
eMail:	Paul J. Pearce pearce@forestco.org	eMail:	Dave Burlingame Cowlitz Indian Tribe PO Box 2547 Longview, WA 98632 culture@cowlitz.org

eMail:	Eric Holman Washington Dept. Fish & Wildlife 2108 Grand Blvd. Vancouver, WA 98661 eric.holman@dfw.wa.gov	Hc:	Olympic Resource Management 321 Maurin Road Chehalis, WA 98520
eMail:	Erich Gaedeke Federal Energy Regulatory Commission 805 SW Broadway, Suite 550 Portland, OR 97205 Erich.Gaedeke@ferc.gov	eMail:	James Byrne WDFW James.Byrne@dfw.wa.gov
eMail:	Carol Serdar Department of Ecology PO Box 47600 Olympia WA 98504-7600 cser461@ecy.wa.gov	eMail:	Taylor Aalvik PO Box 2547 Longview, WA 98632 taylor.a@cowlitz.org
Hc:	Tony Pranger ANE/Elkhorn Forestry, Inc. PO Box 1864 Oregon City, OR 97045	eMail:	Rhidian Morgan PO Box 428 Ridgefield, WA 98642 rmmorgan@plasnewydd.org
eMail:	Evan Haas Habitat Restoration Coordinator Lower Columbia River Estuary Par. 811 SW Naito Parkway, Suite 410 Portland, OR 97204 haas@lcrep.org	eMail:	LCFEG Tony Meyer 12404 SE Evergreen Hwy Vancouver, WA 98683 cwfish@comcast.net
eMail:	Gardner Johnston Inter-fluve gjohnston@interfluve.com	eMail:	Pete Barber Cowlitz Indian Tribe pbarber@cowlitz.org
eMail:	Rudy Salakory Cowlitz Indian Tribe rsalakory@cowlitz.org		

APPENDIX E
AQUATIC COORDINATION COMMITTEE
OCTOBER 8, 2015 AGENDA AND MEETING MINUTES

Lewis River Hydroelectric Projects Settlement Agreement Aquatic Coordination Committee (ACC) Meeting Agenda

Date & Time: **Thursday, October 8, 2015**
9:00 a.m. – 3:00 p.m.

Place: **Merwin Hydro Control Center**
105 Merwin Village Court
Ariel, WA 98603

Contacts: **Frank Shrier: (503) 320-7423**

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> ➤ Review Agenda and 9/10/12/15 Meeting Notes ➤ Comment & accept Agenda and 9/10/15 Meeting Notes
9:15 a.m.	2015 Aquatic Fund Project; LCFEG – RM 13.5 Restoration Project, Phase II – ACC DECISION NEEDED
9:30 a.m.	2016/2017 Aquatic Fund Process; Review and Discussion <ul style="list-style-type: none"> ➤ Schedule Subgroup Meetings ➤ Updated Synthesis Matrix
10:30 a.m.	Break
10:45 a.m.	Annual Report: Development of New Information to Inform Fish Passage – Review and Questions
11:15 a.m.	Study/Work Product Updates <ul style="list-style-type: none"> ○ Production Numbers for 2016 ○ Lewis River Low Flow Update ○ Smolt releases at LRH; first pass water and release options ○ Woodland Release Ponds - Status ○ Hatchery Upgrades - Status ○ Acclimation Ponds - Status ○ Merwin Upstream Passage – Status ○ Swift Floating Surface Collector – Status
11:45 a.m.	Additional Habitat at Swift Discussion – low water conditions <ul style="list-style-type: none"> ➤ Coho Release strategy for 2015; Update & Discussion
12:00 p.m.	<ul style="list-style-type: none"> ➤ Next Meeting's Agenda ➤ Public Comment Opportunity <p>Note: all meeting notes and the meeting schedule can be located at: http://www.pacificorp.com/es/hydro/hl/lr.html#</p>
12:00 p.m.	Working Lunch/Adjourn ACC Meeting
12:30 p.m.	Monitoring and Evaluation (M&E) Subgroup <ul style="list-style-type: none"> ○ Ongoing discussion by section
3:00 p.m.	Adjourn M&E Subgroup Meeting

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
October 8, 2015
Merwin Hydro Control Center
Ariel, WA

ACC Participants Present (13)

Chris Karchesky, PacifiCorp
 Frank Shrier, PacifiCorp
 Erik Lesko, PacifiCorp
 Baker Holden, USDA Forest Service
 Adam Haspiel, USDA Forest Service
 Bryce Glaser, WDFW
 Peggy Miller, WDFW
 Aaron Roberts, WDFW
 Kale Bentley, WDFW
 Diana MacDonald, Cowlitz PUD
 Pat Frazier, LCFRB
 Michelle Day, NMFS

Guest

Al Thomas, Columbian

Calendar:

November 12, 2015	ACC Meeting	Merwin Hydro
December 10, 2015	ACC Meeting	Merwin Hydro

Assignments from September 10, 2015 meeting	Status
McCune: Contact Tammy Weisman (LCFEG) and request detail about their intentions for the RM 13.5 aquatic fund project; do they intend to resubmit for SRFB funds.	Complete – 9/14/15
Assignments from July 9, 2015 meeting	Status
McCune: Distribute a copy of the updated Lewis River Synthesis Matrix CD to the ACC members upon completion.	Complete – 10/8/15
ACC: Schedule an initial meeting in the month of October 2015 for the review of the Aquatic Fund Strategic Plan and Administrative Procedures 2016/2017 funding cycle.	Pending

Assignments from February 13, 2014 meeting (revised 9/10/15)	Status
Kinne: Work on securing the 2012, 2013 and 2014 lower river coho abundance survey data for tributaries. Provide this information to Erik Lesko (PacifiCorp).	Pending as of 11/12/15

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 9:08 a.m. and reviewed the agenda and assignments.

The September 10, 2015 meeting notes were reviewed and approved with changes suggested by Pat Frazier at 9:25 am.

Kim McCune (PacifiCorp) will finalize the September 10, 2015 meeting notes for posting to the Lewis River website.

Public Comment

None

2015/2016 Lewis River RM 13.5 Restoration Project, Phase II – Update; SRFB funding not received

The ACC engaged in much discussion over this project. Shrier read the email exchange between Kim McCune and Tony Meyer. In Meyer's response to future plans he stated he planned to *"re-scope ACC funds to design and permit objectives only, and use the design to support a future (2017) SRFB project. The scope of the design would cover all of the objectives identified in the original ACC/ SRFB grant. We are essentially flip-flopping the two funding sources. ACC covers design & permitting while SRFB covers construction."* There was some uncertainty on the ACC as to what it meant to "support a future (2017) SRFB project" and there was some concern as to how that plan meshed with the moratorium currently in place that would not allow the project to be re-submitted until 2017. The ACC discussion considered that this project had been approved for funding by the ACC in 2015 but was not funded by the SRFB. An option was discussed that considered extending the ACC approval for 2016 because the moratorium prevented the LCFEG to apply for 2016 SRFB funding. They also discussed what the appropriate process is in this instance and the desire to avoid giving preference to LCFEG. Shrier also mentioned that PacifiCorp has repeatedly asked for access and approval from each of the landowners involved in this project and has yet to receive the landowner access agreements. This item was tied to the Aquatic Fund Process Document which states:

Obtain permission of all owners of land used for access to and completion of, the project. Landowner(s) must sign PacifiCorp's consent and release form prior to finalization of a Funding Agreement with PacifiCorp.

Based on this and other concerns expressed by the ACC members, funding for this project will be withdrawn for the following reasons:

- 1) SRFB funding was not received this year and the next opportunity to apply and receive SRFB approval will not occur before late fall 2016;
- 2) Landowner permissions have not been secured;
- 3) There was not a definitive answer as to how the funds would be used and when; and,
- 4) There was concern that ACC Funds would be used for design and permitting prior to SRFB approval which could mean that the ACC funds could be spent and, if the SFRB did not fund the project, then the money would be wasted on paper rather than habitat improvements.

The ACC approved this action to withdraw funding for this project and to ask LCFEG to re-apply for 2017 funding. The ACC also agreed to send a written response to the LCFEG that presents the ACC decision and the justification for this decision.

<Break 10:45am>

<Reconvene 11:00am>

Aquatic Funding Process

Shrier mentioned that PacifiCorp would like to schedule a series of meetings to review and discuss the Aquatic Funding Process to determine any changes or additions that need to be made to the Process Document. A question was raised about whether or not we could just try to resolve any issues during the ACC meeting times because there were too many other process meetings occurring here and elsewhere. However this question was not resolved.

While members were pondering this, Shrier handed out the latest version of the Synthesis Matrix and walked the members through the changes to the matrix. He then asked members to review the matrix and let him know of any edits that should be made by next ACC meeting. Unfortunately, discussion did not return to the Process Document meeting schedule so that topic will need to be raised at the next meeting.

New Information Annual Report

There was some confusion as to the need to comment on the 2014 annual report from Dr. Al-Chokhachy. Shrier asked that ACC members submit any comments or questions to him by October 22, 2015.

Study/Work Product Updates

Production Numbers for 2016

Aaron Roberts (WDFW) reported that the spring Chinook adult numbers had increased somewhat but that the hatchery still will be short production numbers. He also said that the number of smolts available for the upstream Acclimation Ponds next year will probably be about the same as this year - (45,000).

Woodland Release Ponds

Shrier said to the best of his knowledge all the permits were not received as of yet. Michelle Day (NMFS) asked which ones and Shrier responded it was Clark County Shoreline Permit that still remains. Because this measure is part of the Settlement Agreement, Day also asked that Briana Weatherly (PacifiCorp) make an effort to contact the Department of Natural Resources (DNR) to request speeding up the land lease permitting process once the other permits are in hand so it is still possible that the Release Ponds can still be constructed next summer 2016.

Hatchery Upgrades:

Two projects remain as part of Schedule 8.7 of the Settlement Agreement.

Speelyai Hatchery Intake Modifications – Water supply through the new intake will commence on Friday October 9. This project is now complete.

Lewis River Downstream Intake – Intake pumps were switched on today and will continue to operate during a 30-day evaluation period. All work is now complete.

With the completion of these two projects, all projects described in Schedule 8.7 of the Lewis River Settlement Agreement are now complete and functional.

Acclimation Pond/Crab Creek

PacifiCorp PIT tagged 2,500 of 5,000 fish that were planned. Distribution will be evenly at Clear and Crab Creek but not in the ponds due to lack of water. Once Crab Creek construction is complete the pond will be watered up for testing, then drained, dismantled and put away until next year.

Crab Creek is nearly complete and will be finished before the end of October, 2015.

Merwin Fish Collection Facility and General Operations ([Attachment A](#))

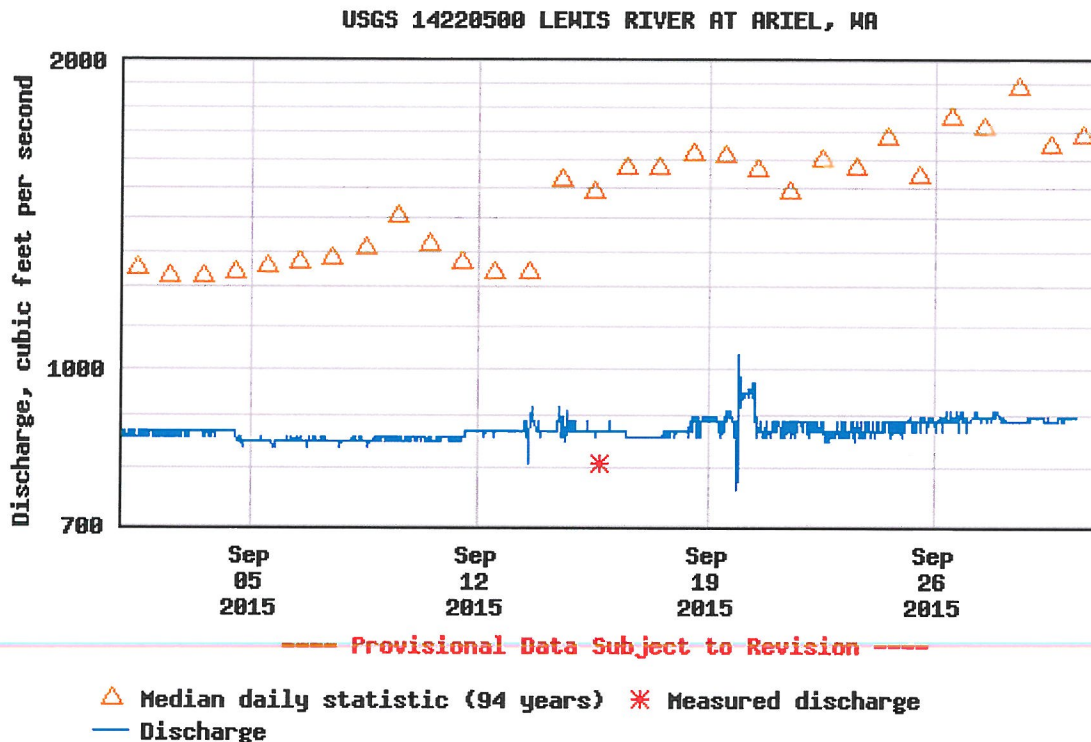
Karchesky (PacifiCorp) reported during the month of September, a total 1,549 fish were captured at the Merwin Fish Collection Facility; the majority (46%) of these fish were hatchery summer steelhead (n=719) followed by early run hatchery coho (n=535). All hatchery summer steelhead, hatchery spring Chinook, and hatchery fall Chinook were surplus by Washington Department of Fish and Wildlife. WDFW also retrieved 493 of 551 hatchery coho for brood stock. One wild spring Chinook, one wild summer steelhead, 54 wild fall Chinook, two wild sockeye and one wild pink salmon were captured and returned downstream. Forty-two early coho were transported upstream of Merwin Dam. Sixteen early coho were radio tagged and returned downstream as part of the Merwin Trap Efficiency Study.

Daily operation of the Merwin trap was suspended September 6, 2015 for repairs to the hoist motor cable. The Merwin trap was put back into service Monday, September 14, 2015 following repairs. Peggy Miller (WDFW) asked if these types of repair outages were normal for upstream passage facilities. Karchesky responded that it depends on the facility, but in the case of the Merwin trap the sheer complexity and number of moving parts involved with daily operation does increase the risk for repair outages. Karchesky also indicated that PacifiCorp is continuing to make upgrades to the facility to minimize repair related outages as well as maintains a routine maintenance program.

The Auxiliary Water Supply (AWS) system, which can boost attraction flow up to 400 cfs, was operated daily in addition to the Ladder Water Supply (LWS) throughout the month of September.

River flow below Merwin Dam ranged between approximately 847 cfs to 896 cfs during September.

Discharge, cubic feet per second



Upstream Transport ([Attachment A](#))

To date, 1,218 (741 m: 477 f) BWT winter steelhead have been transported and released upstream of Swift Reservoir (27 of which were captured via tangle net in the lower river as part of the Hatchery and Supplementation Plan Monitoring). In addition, 141 (83 m: 51 f: 7 j) early coho (93 of which were captured at Lewis River Fish Hatchery) and 11 coastal cutthroat trout exceeding thirteen inches have been transported upstream of Swift Reservoir this year.

Swift Floating Surface Collector ([Attachment A](#))

Daily operation of the Swift Floating Surface Collector (FSC) was suspended July 7, 2015 in accordance to summer operations protocols as approved by the Lewis River Aquatic Coordination Committee. The FSC is currently debalasted for scheduled maintenance and annual inspections which will be performed over the next two months. Karchesky indicated that the FSC was scheduled to be put back in operation October 15, 2015.

Additional Habitat at Swift Discussion – low water conditions; Coho Release strategy for 2015; Update & Discussion

Shrier asked the status of any surveys or casual observations of the mainstem channel at the head of Swift Reservoir or the tributaries to Swift and whether or not any coho had been observed using those areas for spawning. Karchesky reported that he and James Samagaio (PacifiCorp) had made some observation of the mainstem channel but did not see any spawning occurring. No one had looked at the tributaries to date but Lesko said he might be able to fly over them to see if any redds are visible while doing his next coho radio-tracking flight.

< Meeting adjourned at 11:40 a.m. >

Agenda items for October 8, 2015

- November 12, 2015 Meeting Notes
- Presentation on Swift Lead Net by contractor
- 2016/2017 Aquatic Fund Process: Schedule Subgroup Meeting
- Updated Synthesis Matrix
- Lewis River Low Flow Update
- Additional Habitat at Swift Discussion – low water conditions; Update
- Study/Work Product Updates

Public Comment

None

Next Scheduled Meetings:

November 12, 2015	December 10, 2015
Merwin Hydro Control Center	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00 a.m. – 3:00 p.m.	9:00 a.m. – 3:00 p.m.

Meeting Handouts & Attachments:

- Meeting Notes from 9/10/15
- Agenda from 10/8/15
- **Attachment A** - Lewis River Fish Passage Report (September, 2015)

APPENDIX F
EMAIL TO LCFEG FROM K. McCUNE - PACIFICORP
OCTOBER 13, 2015

McCune, Kimberly

Subject: RE: 2015/2016 Lewis River RM 13.5 Restoration Project, Phase II - Update; SRFB funding not received

From: McCune, Kimberly

Sent: Tuesday, October 13, 2015 7:40 AM

To: tony.meyer

Cc: Shrier, Frank; Tammy Weisman; Diana MacDonald

Subject: RE: 2015/2016 Lewis River RM 13.5 Restoration Project, Phase II - Update; SRFB funding not received

Tony:

As a follow up to my email of September 16th please find below an excerpt from the October 8, 2015 ACC meeting:

2015/2016 Lewis River RM 13.5 Restoration Project, Phase II – Update; SRFB funding not received

The ACC engaged in much discussion over this project. Frank Shrier read the email exchange between Kim McCune and Tony Meyer. In Meyer's response to future plans he stated he planned to....

“re-scope ACC funds to design and permit objectives only, and use the design to support a future (2017) SRFB project. The scope of the design would cover all of the objectives identified in the original ACC/ SRFB grant. We are essentially flip-flopping the two fund sources. ACC covers design & permitting while SRFB covers construction.”

There was some uncertainty on the ACC as to what it meant to “support a future (2017) SRFB project” and there was some concern as to how that plan meshed with the moratorium currently in place would not allow the project to be re-submitted until 2017. They also discussed what the appropriate process is in this instance and the desire to avoid giving preference to LCFEG. Shrier also mentioned that PacifiCorp has asked LCFEG for the landowner(s) access agreements involved in this project and has yet to receive the approvals. This item was tied to the Aquatic Fund Process Document which states:

Obtain permission of all owners of land used for access to and completion of, the project. Landowner(s) must sign PacifiCorp's consent and release form prior to finalization of a Funding Agreement with PacifiCorp.

Based on this and other concerns expressed by the ACC members, funding for this project will be withdrawn for the following reasons:

- 1) SRFB funding was not received this year and the next opportunity to apply and receive SRFB approval will not occur before late fall 2016;
- 2) Landowner permissions have not been secured;
- 3) There was not a definitive answer as to how the funds would be used and when; and,
- 4) There was concern that ACC Funds would be used for design and permitting prior to SRFB approval which could mean that the ACC funds could be spent and, if the SFRB did not fund the project, then the money would be used on paper rather than habitat improvements.

The ACC approved this action to withdraw funding for this project and to ask LCFEG to re-apply for 2017 funding. <end>

The Utilities look forward to resuming the Aquatic Fund opportunity in September 2016 and participating in the funding of more habitat enhancement projects in the Lewis River basin.

Thank you, Tony.

Kimberly McCune

Sr. Project Coordinator

PacifiCorp – Hydro Resources

825 NE Multnomah St., Suite 1500

Portland, OR 97232

Ph: (503) 813-6078

Mobile: (503) 708-4819

From: McCune, Kimberly

Sent: Wednesday, September 16, 2015 10:55 AM

To: 'tony.meyer'

Cc: Shrier, Frank (Frank.Shrier@pacificorp.com)

Subject: RE: 2015/2016 Lewis River RM 13.5 Restoration Project, Phase II - Update; SRFB funding not received

Tony:

This is more an internal Aquatic Fund process question for the ACC to consider since the original project approval last March was contingent on receiving SRFB funds in 2015. I don't want you to go to any additional work until the ACC has made its decision.

I'll check back with you after the October ACC meeting.

Thank you.

Kim

APPENDIX G
AQUATIC FUND SUBGROUP MEETING NOTES
NOVEMBER 19, 2015

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
Aquatic Fund Subgroup
November 19, 2015
Merwin Hydro Control Center
Ariel, WA

ACC Participants Present (10)

Chris Karchesky, PacifiCorp
Frank Shrier, PacifiCorp
Baker Holden, USDA Forest Service
Ruth Tracey, USDA Forest Service
Peggy Miller, WDFW
Pat Frazier, WDFW
Bryce Glaser, WDFW
Kale Bentley, WDFW
Shannon Wills, Cowlitz Indian Tribe
Karen Adams, LCFRB

Calendar:

December 10, 2015	ACC Meeting	Merwin Hydro
December 10, 2015	M&E Plan Sub-Group	Merwin Hydro
January 7, 2016	Aquatic Fund Sub-Group Meeting	Merwin Hydro

Assignments from November 19, 2015	Status
All Participants to review the Synthesis Matrix under suggested format from Ruth Tracy	Ongoing

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 12:20 p.m. and reviewed the agenda.

Aquatic Fund Process Review

Frank Shrier (PacifiCorp) asked the participants to weigh in on the Aquatic Fund Administrative Procedures document to see if there is any desire to modify any components. There were no changes or reviews requested. Pat Frazier (WDFW) said the process document is fine, and he thought the purpose of this meeting was to focus on the Synthesis matrix (Matrix) and other tools the project proponents should be using to apply for future funding. Shrier agreed but said he just wanted to make sure we weren't missing a step here.

Shrier reiterated, then, that the two goals for this group to keep in mind were to establish a process for securing landowner acknowledgement/access and to reflect expectations of applicants to review the Matrix and the Salmon Recovery interactive maps as tools for developing pre and full proposals in advance of their proposal submittal to the ACC.

The sub-group then launched into looking more closely at the Matrix. Shrier also pulled up the LCFRB Interactive map (Map) (<http://www.lowercolumbiasalmonrecovery.org/mappage>) to

compare with the Matrix. There was general discussion as to how the Map relates to the Aquatic Proposal Fund process. Shrier explained that the Matrix was color coded to coincide with the Map Tier reaches but the intent of the coding was to see the relationship between Map and Matrix but not to insinuate that the Aquatic Funding process be driven by the Map or the SRF Board process. The idea was to evaluate future Aquatic Fund proposals for their effectiveness and contribution to the recovery process and the Lewis River Reintroduction program. (<http://www.lowercolumbiasalmonrecovery.org/mappage>).

Ruth Tracy (USDA FS) brought up how the GPNF looks at habitat restoration and that the Tornado Diagrams from the EDT report (<http://www.lcfrb.gen.wa.us/#!library/cltqm>, proceed to North Fork Lewis and page 45) were more in line with how the Forest looks at potential projects. She suggested we try to incorporate information from the Tornado diagrams into the Matrix.

Shrier interjected that the best way to address this is for each member of the sub-group to take on a particular tab of the Matrix and to vet that with the Tornado diagrams by reach. With that, Tracy committed the Forest staff to look at the Muddy River and its tributaries and Shannon Wills (Cowlitz Indian Tribe) agreed to take on Pine Creek and its tributaries. Frazier and Karen Adams (LCFRB) committed to take on the mainstem Lewis and Shrier said PacifiCorp would take on what is left with all of us focusing on the Upper watershed (Swift dam and above) for now. Miller suggested that since she does not know the habitat, she could take on looking at the information by species and checking that against the Map for Chinook. Shrier said he could take that same approach for steelhead and coho. Tracy said she would try to come up with an example of how the Matrix might be changed to be more useful.

Adams asked when they needed to get the changes to PacifiCorp. First, Shrier asked when we can meet again and the group settled on January 7, 2016 at noon to 3 with a working lunch. Then Shrier requested materials from the various members by December 22, 2015 to allow time to incorporate all the responses.

< Meeting adjourned at 2:10 p.m. >

Agenda items for January 7, 2016

- November 19, 2015 Meeting Notes
- Review inputs from sub-group member on the Synthesis Matrix

Next Scheduled Meeting:

January 7, 2016
Merwin Hydro Control Center
Ariel, WA
12:00 p.m. – 3:00 p.m.

Meeting Handouts & Attachments:

- Copies of the Synthesis Matrix Master disks
- Aquatic Fund Administrative Procedures – Attachment A
- Aquatic Fund Administrative Procedures – Attachment B
- Aquatic Fund Administrative Procedures – Attachment 1

APPENDIX H
AQUATIC FUND SUBGROUP MEETING NOTES
JANUARY 7, 2016

DRAFT Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
Aquatic Fund Subgroup
January 7, 2016
Merwin Hydro Control Center
Ariel, WA

ACC Participants Present (10)

Frank Shrier, PacifiCorp
Kim McCune, PacifiCorp
Baker Holden, USDA Forest Service (Phone-in)
Ruth Tracy, USDA Forest Service
Peggy Miller, WDFW
Pat Frazier, WDFW
Aaron Roberts, WDFW
Michelle Day, NMFS
Shannon Wills, Cowlitz Indian Tribe (Phone-in)
Steve Manlow, LCFRB (Phone-in)

Calendar:

March 2016 (Date -TBD)	Aquatic Fund Sub-Group Meeting	Location - TBD
------------------------	--------------------------------	----------------

Assignments from January 7, 2016	Status
All Participants to review the Synthesis Matrix under suggested format from Ruth Tracy.	
All Participants to review the Synthesis Matrix and get familiar with the filtering and sorting.	
Shrier: Add a column in the Synthesis Matrix for restoration value.	Complete – 1/8/16
Shrier: Email revised Synthesis Matrix to the ACC Aquatic Fund Subgroup	Complete – 1/8/16
Manlow: Report back to Subgroup if the Consumer Reports (see Attachment B) can be placed on the LCFRB website so aquatic fund project proposers can access the information.	Complete – 1/8/16 – sent actual reports
Manlow: Define reach potential heading in accordance with LCFRB.	
All: Define reach potential heading in accordance Synthesis Subgroup.	
Tracy: What did recovery board say about Forest Service land; rating comparison, importance of species to that reach, etc?	

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 12:30 p.m. and reviewed the November 19, 2015 meeting notes. The November 19, 2015 Meeting Note were approved without change at 12:45pm. Kim McCune (PacifiCorp) will post the final notes to the Lewis River website.

Shrier noted that he would like the subgroup to take a step back, review the input provided by Ruth Tracy (USDA FS) and determine what additional help is needed from the ACC to meet the needs for completion as PacifiCorp staff is unable to make all the needed changes without help.

Aquatic Fund Process Review

The ACC Aquatic Fund Subgroup (Subgroup) continued its review of the Synthesis Matrix and the LCFRB Interactive map (Map) (<http://www.lowercolumbiasalmonrecovery.org/mappage>). The following topics were discussed for consideration:

- Suggest priority areas to potential aquatic fund project proposers; provide list of areas, i.e. top 25 preferred areas with highest restoration potential for proposers to focus on.
- Add landowner acknowledgment reference in initial cover letter announcement so ACC knows at the beginning of the process that the proposer has landowner support.
- What information should be considered to determine the top 25?
 - Restoration vs protection?
 - What is priority class attributes?
 - What are primary limiting factors?
- Revamp the Synthesis Matrix; rather than the use of photos, link to the LCFRB (**Attachment B** – Columbia, Lower Watershed Reach Analysis – Spring Chinook) priority summary and consumer report.
- Perhaps provide the consumer report pages or link for the aquatic fund project proposers.

Michelle Day (NMFS) suggests the focus be spring Chinook; reintroduction efforts, healthy population in the Columbia; need successful reintroduction in Lewis and Cowlitz rivers to achieve recovery.

Pat Frazier (WDFW) too would like the focus on spring Chinook over the next five (5) years, natural prioritization but also review areas with multi species. Recovery plan goal is important.

The Subgroup reviewed **Attachment A** – Lower NF Lewis Winter Steelhead Protection and Restoration Strategic Priority Summary, May 2010 and **Attachment B** – Columbia, Lower Watershed Reach Analysis – Spring Chinook

The Subgroup will review reach potential and Synthesis Matrix ratings and will review how aquatic fund project proposers are and are not meeting certain reach criteria.

After the EDT upgrade, which will be complete the end of February 2016, PacifiCorp will rerun the Synthesis Matrix and LCFRB ratings. The Subgroup will determine a date to meet again in March 2016 once the EDT upgrade is finished.

< Meeting adjourned at 2:55 p.m. >

Agenda items for March, 2016

- January 7, 2016 Meeting Notes
- Discuss inclusion of review expectation in announcement cover letter

- Review landowner acknowledgment form

Next Scheduled Meeting:

March, 2016 (date TBD)
Merwin Hydro Control Center
Ariel, WA
9:00am – 12:00pm

Meeting Handouts & Attachments:

- Attachment A – Lower NF Lewis Winter Steelhead Protection and Restoration Strategic Priority Summary, May 2010
 - Attachment B – Columbia, Lower Watershed Reach Analysis – Spring Chinook
-

APPENDIX I
EMAIL TO ACC FROM K. McCUNE - PACIFICORP
MARCH 7, 2016

McCune, Kimberly

From: McCune, Kimberly
Sent: Monday, March 07, 2016 3:06 PM
To: (Aaron.roberts@dfw.wa.gov); (michael_hudson@fws.gov); (Timothy_Whitesel@fws.gov); 'Bob Rose (rosb@yakamafish-nsn.gov)'; Bryce Glaser; Bryce Michaelis; David Howe; 'Diana MacDonald'; Doyle, Jeremiah; Ed Meyer; Eli Asher (easher@cowlitz.org); Ferraiolo, Mark; Fish First (j.malinowski@ieee.org); Frazier, Patrick A (DFW); James Bryne; 'Jeff Breckel'; 'Kale Bentley'; Karchesky, Chris; Karen Adams; Ken Weiman (kwieman@fs.fed.us); Lesko, Erik; Mariah Stoll-Smith Reese; Mark Celedonia; 'Melody Tereski'; Michael Garrity; 'Michelle Day'; Olson, Todd; 'Patrick Lee'; Peggy Miller; Rhidian Morgan (rmmorgan@pnfarm.com); 'Ruth Tracy'; Samagaio, James; Serdar, Carol; 'Shannon Wills'; Shrier, Frank; Steve Manlow; Taylor Aalvik (taylor.a@cowlitz.org); Weatherly, Briana
Subject: LR 2016 Aquatic Fund Annual Report - Moratorium report
Attachments: LR_2016_AQ_report.pdf

Attn: ACC Participants

In accordance with SA 7.5 of the Lewis River Settlement Agreement the Utilities are to submit the Lewis River Aquatic Fund Annual Report to the FERC on or before April 15th of each year. While an ACC formal 30-day review is not required for this document I'm providing a historical snap shot of the Aquatic Fund Subgroup efforts thus far in light of the ACCs decision to place a one year moratorium on the 2015/2016 Aquatic Fund.

If you wish to review all associated appendices you may view them on the Lewis River website at the following link:

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensing/Lewis_River/li/ar/LR_2016_AQ_%20report_wAppend.pdf

Also provided below is the current balance for both the Resource and Bull Trout accounts as of today. An additional contribution of \$125,000 (escalated) will be made to the Aquatic Fund - Resource account on April 30, 2016. These financial details will also be included in the ACC/TCC 2015 Annual Report submittal to the FERC in mid-April.

Aquatic Fund – Resource	\$1,904,841.42
Aquatic Fund – Bull Trout	\$ 674,778.10

If you have any questions we will provide time during the ACC meeting this Thursday or you may certainly send me an email.

Thank you.

Kimberly McCune
Sr. Business Administrator
PacifiCorp – Hydro Resources
825 NE Multnomah St., Suite 1500
Portland, OR 97232
Ph: (503) 813-6078
Mobile: (503) 708-4819