

**Draft Agenda**  
**Lake Ozette Steering Committee Meeting**  
 February 2, 2012, 10:15 a.m. – 3:15 p.m.

Location: Sekiu Community Center

**Meeting Purpose:** To discuss Near Term Projects, Steering Committee public involvement activities, predation, project funding sources, and next steps for Steering Committee.

| <b>Time</b> | <b>Item</b>  | <b>Materials</b>  |
|-------------|--|---|
| 10:00 a.m.  | <b>Optional “Meet &amp; Greet” with snacks (for those who can arrive early)</b>  |   |
| 10:15 a.m.  | <b>Welcome/Introductions</b> <ul style="list-style-type: none"> <li>• Review agenda and materials</li> <li>• Review Oct 26 meeting summary—any changes?</li> </ul>   | -Draft agenda<br>-October 26, 2011 draft meeting summary              |
| 10:30 a.m.  | <b>Review &amp; Updates on Near-Term Priority List</b> <ul style="list-style-type: none"> <li>• DIDSON update               <ul style="list-style-type: none"> <li>○ Field testing—Mike Haggerty</li> <li>○ Funding next steps</li> </ul> </li> <li>• Project leads give updates—<i>round-robin of what folks working on, ideas/plans/opportunities</i></li> <li>• Fill in gaps on Near-Term Priority List</li> <li>• Long-term goals</li> </ul> | -Near-Term Priority List  |
| 12:00 p.m.  | <b>Lunch</b>   |   |
| 12:30 p.m.  | <b>Presentation on Predation from Rosemary Furfey and Jonathan Scordino (Makah river otter predation researcher)</b> <ul style="list-style-type: none"> <li>• Presentation</li> <li>• Q and A</li> <li>• Next steps</li> </ul>   |   |
| 1:30 p.m.   | <b>Public Outreach Subcommittee Update</b> <ul style="list-style-type: none"> <li>• Conference call recap               <ul style="list-style-type: none"> <li>○ Scenic Highway funding overview</li> <li>○ Preserve America oral history grant</li> </ul> </li> <li>• Action items &amp; next steps</li> </ul>  | -Subcommittee conference call summary<br>-Draft brochure (2 versions) |
| 2:15 p.m.   | <b>Funding</b> <ul style="list-style-type: none"> <li>• Applications submitted? New sources? Other updates?</li> <li>• Form funding subcommittee? Who will participate?</li> <li>• NOAA funding request to support beach spawner research + facilitation of Lake Ozette Steering Committee</li> </ul>  |   |
| 3:00 p.m.   | <b>Committee Updates and Next Steps</b> <ul style="list-style-type: none"> <li>• Announcements               <ul style="list-style-type: none"> <li>○ 5-year status review summary</li> </ul> </li> <li>• Summary of action items</li> <li>• Next meeting dates (late March/April and June/July) &amp; agenda topics</li> </ul>  |   |
| 3:15 p.m.   | <b>Adjourn</b>   |   |

**Meeting Summary**  
**Lake Ozette Steering Committee Meeting**  
Thursday, February 2, 2012  
10:15 a.m. – 3:15 p.m.  
Sekiu Community Hall

**Meeting Decisions List:**

- Pending noted revisions, the Steering Committee approved the October 26, 2011 meeting summary by consensus.
- Triangle will put new projects proposed for the Near-Term Priority List in a separate section titled “Other Proposed Projects”, which must be approved by the Lake Ozette Steering Committee before getting added to the Near-Term Priority List.
- The Steering Committee decided by consensus to add Makah’s Big River bridge project to the Near-Term Priority List.

**Meeting Purposes:**

- Receive updates on the status of Near-Term Projects
- Discuss Steering Committee public outreach activities
- Learn about predation in Lake Ozette basin
- Discuss funding sources for projects
- Discuss updates and next steps for the Steering Committee

**Introductions, Agenda Review, and Meeting Summary Review**

The meeting Facilitator, Chris Page from Triangle Associates, welcomed the Lake Ozette Steering Committee (LOSC or “The Committee”) and LOSC members introduced themselves (*see Attachment 1 for a list of attendees*). The Facilitator reviewed the meeting agenda, and there were no requested changes. The Committee then reviewed the October 26 meeting summary and requested several revisions. Pending the noted modifications, the Steering Committee approved the summary by consensus.

The Facilitator mentioned getting a phone call from someone that saw an advertisement for the meeting in the newspaper. This individual shared his knowledge about Cook Inlet in Alaska—when salmon runs were in danger, commercial fishing was banned three miles from the mouth of the inlet until salmon numbers improved. One Steering Committee member noted that as we continue to increase public outreach, we will likely receive more comments like this. There was a request to evaluate if our current method of dealing with public input is effective. This topic was tabled until the next meeting.

**Near-Term Priority List**

The Near-Term Priority List has been updated since the October 26 meeting, and the Facilitator reviewed what changes have been made. Changes included: (1) a table of funding sources was added; (2) the DIDSON project was moved to the top of the project list (as it is a project we’re actively working on/pursuing funding for); (3) a new column for long-term goals was added; and (4) additional funding sources and long-term goals were added to the DIDSON project based on input from the October meeting.

One Committee member expressed concern that two new projects were added to the list since the last meeting without Steering Committee consensus. It was noted that a protocol should be established for how to deal with new projects proposed for the Near-Term list. The Steering Committee agreed by consensus that Triangle will put new proposed projects in a separate section titled “Other Proposed Projects”, which must be approved by the Lake Ozette Steering Committee before getting added to the Near-Term Priority List.

A NMFS representative reviewed the purpose of the Near-Term Priority List for a new meeting participant. It was also noted that having a concentrated list of priority projects looks more attractive to funders. One attendee suggested writing support letters to help projects get funding; in response, it was noted that the Steering Committee does not have the authority to write letters. However, members can write support letters as a member of an organization, tribe, agency, etc. for projects the Committee supports, which Steering Committee members could sign. It was also suggested that we develop endorsement letters to have on the back burner that are ready to send, since quarterly meetings do not allow prompt consideration and potential agreement on Committee endorsement or support of specific funding proposals.

Project leads took turns providing updates on their projects. Refer to Near-Term Priority List for additional information on priority projects.

#### Dual Frequency Identification Sonar (DIDSON)

Mike Haggerty gave a presentation on the preliminary results of field testing. A PDF of the presentation can be found at: [http://mhaggertyconsulting.com/uploads/LOSSC\\_DIDSON\\_Presentation\\_Feb\\_2012\\_V2.pdf](http://mhaggertyconsulting.com/uploads/LOSSC_DIDSON_Presentation_Feb_2012_V2.pdf) and videos in the presentation can be found at: [http://mhaggertyconsulting.com/Lake\\_Ozette\\_Sockeye.php](http://mhaggertyconsulting.com/Lake_Ozette_Sockeye.php).

Two survey methods were used to count sockeye salmon numbers—the station method, which counted numbers from an anchored boat, and the slow pass method, which counts numbers while slowly driving the boat parallel to the spawning beach. The quality of the slow moving study was much better than the stationary study. 190 live sockeye were found in 3 high density concentrations. Several fish spawned above the brush line, which is undetectable by the DIDSON. The data was collected over a one-day period.

Committee members asked many questions about the study and DIDSON technology. The maximum range of visibility with a DIDSON is 80 meters. There was concern that the DIDSON would pick up information on other varieties of fish, but it was noted that one can measure the rate of tail movement, the length of fish, etc. to distinguish among fish. To prevent counting the same fish twice, DIDSON operators only calculated fish moving from right to left; if a fish doubles back, it is not counted twice. There was question as to why shadows are not directly behind the fish; it was noted that this is due to the slope of the beaches and other angles. One Steering Committee member asked if methods of counting fish (scuba, foot, snorkel, DIDSON, etc.) get mixed when an entity is tracking trends; it was noted that if one is comparing numbers across several years, one should look at the same method, but there is no standard protocol. In response to a question, it was noted that fish can be at risk if spawning close enough to water level and the water level goes down. Salmon, especially Coho salmon, will often go above brush level to avoid predation.

A Committee member asked if we should consider looking for fish in regions of the lake not included in this study. A Makah representative and other Committee members indicated the regions included are where the fish have always been found. It was noted that methods and protocols could be developed to train citizen scientists to do field work, though concern was expressed about the quality of data collected by citizens.

The Committee discussed how the DIDSON would be applied to Lake Ozette. The primary use would be to count fish at the weir, but it could be used later on beaches. Though the instrument is expensive, a DIDSON would reduce long-term costs, as it will require fewer hours of reviewing data. It was recommended that a slightly different, shorter-range model than that used in the study be purchased for Lake Ozette.

Though even with the DIDSON it is impossible to get an exact count of fish, the DIDSON will show trends in sockeye numbers, which is what's important. Accuracy is different than consistency. A protocol can be established so that we are consistent from year to year, but we will not be accurate in terms of actual numbers. The DIDSON subcommittee agreed to follow up on this if further clarification is necessary.

Road 5800 (aka Crooked Creek): A preliminary funding application has been submitted through Salmon Recovery Funding (SRF) Board for the bridge on Road 5800. Project leads are also planning to submit a proposal for ~\$260,000 of North Pacific Coast Lead Entity SRF Funding for Crooked Creek.

Cooperative Monitoring & Evaluation Research (CMER)<sup>1</sup> “Type N Soft Rock Study”: Four locations have been identified for potential study sites. The goal is to monitor sites for several years and monitor change. Next step is to look for how much stream is perennial to determine where spawning habitat ends.

Road Maintenance & Abandonment Plans (RMAP): Project leads reviewed a handout titled “Green Crow RMAP Activities 4Q 2011.” Green Crow is trying to minimize road use in winter. There is potential to apply for extension of the RMAP time, so they’re looking at this.

Dunham Creek: This project is likely a couple of years down the road. The Steering Committee briefly discussed dropping the project off the Near-Term Priority List, but no decisions were made.

National Parks Service (NPS) Projects listed under Habitat Recovery Actions (HRA)-21:

The facilitator suggested consolidating the bullets under “Project Title” on the Near-Term Priority List with the title “Olympic National Park Lake Outlet Redesign.” The Project Lead announced that the Park still plans to remove the house at the lake outlet. Olympic National Park (ONP) received a letter from the Friends of Lake Ozette requesting that, as ONP plans to remove the cabin, it provide an opportunity to discuss the lake outlet in a broader way. The project lead thought this project is planned for this summer, but was not sure.

Research, Monitoring & Evaluation (RME)-5: There was no report on projects to monitor and evaluate predator-prey interactions in Lake Ozette and the Ozette River; it is still something ONP is considering. A Committee member noted that the U.S. Congress are naïve on the predation issue in the North Coast. Another Committee member said a lot of information is going to Congress; it was suggested the Committee consider other ways to raise awareness within Congress

Public Education Action (PEA)-6: For information on public education and outreach projects, see below.

RME-18: The project lead submitted this project to the Park-Oriented Biological Support (POBS) program. One other project submitted a proposal, which would investigate mercury levels in high elevations of the Park. The program decided to pursue the other project given the human health factor and will look into this project next year. (It’s a 1-year review, so we would not see the money until 2014 if we are successful.)

Road relocation: There are no new updates on this project. At the October meeting, there was consensus to leave this project on the list regardless of whether or not action is being taken on it.

HRA-20: A Makah representative provided background on the new Big River project. When the bridge at Big River was removed, the bridge abutment was not removed because the state Department of Fish and Wildlife (WDFW) was worried about high levels of sediment that could result from removal. Now flow is restricted. This project proposes removing the abutment fill and restoring the floodplain, including re-vegetation. The project will cost approximately \$75,000, and Makah plans to apply for SRF Board funds with Merrill & Ring. The project is on the NPCLE list to recommend for SRF funding. The Steering Committee discussed adding this project to the priority list; there were no objections. The Committee therefore decided by consensus to add the Big River bridge project to the Near-Term Priority List.

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<sup>1</sup> “a monitoring, evaluation, and research program established by the Forest Practices Board to ensure effective implementation of the recommendations contained in the Forests and Fish Report”

### **River Otter Predation Presentation**

Jonathan Scordino, Makah Fisheries Marine Mammal Program, gave a presentation on the study of river otter food habits in Lake Ozette and the Ozette River, funded by the North Pacific Coast Marine Resource Committee. The study, an analysis of data collected from 1998-2003, used visual and genetic identification to identify the prey of river otters in both Lake Ozette and the Ozette River. *[NOTE: while the following information was not available at the time of this meeting, after additional data analysis, the study concluded that river otters have high prevalence of adult sockeye in their diet, especially when river flow is low.]*

The full impact of otters cannot be determined because there are no population estimates of otters living and feeding in the Lake Ozette watershed and no samples were collected after August within the lake. Future otter research is needed on 1) food habits within the lake post-August, 2) the number of otters in the Lake Ozette watershed, and 3) if mitigation efforts could reduce otter predation on adult sockeye. Research is also needed on harbor seal use of the watershed. One tool to test is the ability to track the use of the watershed by individuals using photo-identification of identifying patterns in seal spots.

Since Ozette landowners have objected to data collection in the past because of trespassing, it is important to request land owner permission. ONP is interested in restoring sockeye and addressing limiting factors such as predation, National Parks Service policies prevent any actions that might harm species considered endangered as the river otter is (under the Convention on International Trade in Endangered Species of Wild Fauna and Flora). There was a request for Jonathan to give this presentation to ONP employees.

A National Marine Fisheries Service (NMFS) representative then discussed the Marine Mammal Protection Act (MMPA). This information was requested by the Committee to provide background on marine mammal protection, NMFS' role with the MMPA, and possible options to address potential marine mammal predation of sockeye. The MMPA was enacted in 1972. Amendments enacted in 1994 authorized studies to look at marine mammals that threaten species of salmon. Earlier studies began to document the impacts mammals are having on salmon throughout the West Coast. National Oceanic and Atmospheric Administration (NOAA) manages pinnipeds (sea lions and seals), while the US Fish and Wildlife Service manages walruses, manatees, sea otters, and polar bears.

The Steering Committee then discussed appropriate next steps since data has not been collected since 2003 and NMFS is not aware of new research funds. It was suggested that citizen science volunteers be trained to collect information (date, time, photos, identification, etc.) on the impact mammals have on salmon. Citizen science can be a great resource if citizens are well trained. One Committee member was strongly in favor of citizen science. Others expressed concerns about data quality and staff efforts for sufficient training and supervision. One Committee member was concerned about the privacy of landowners and opening research to the public; another felt citizen science is possible if landowners are properly notified. Another individual expressed that the MMPA is a barrier and that people should not collect data just to have more data.

The Steering Committee discussed that it needs to figure out which predators it wants to prioritize in studying survival because there will be a lot of regulatory hoops. One hypothesis is that predation has increased due to lack of structure in the Ozette River and past removal of woody debris. A potential goal would be to increase structure, but this would require a Park permit, would be controversial among property owners since it might raise lake levels. While there was desire to see definitive action on the issue, the topic of predation research was tabled until the next meeting due to time restraints.

### **Public Outreach Subcommittee Update**

A representative from the Public Outreach Subcommittee summarized the outcomes of the January 19, 2012 conference call. Discussion topics included:

Brochure(s): NMFS Communications staff has identified two distinct audiences for the brochure, so they are producing two brochures: one for the general public/visitors and one for local citizens. NMFS was hoping to

have mockups of both brochures for this meeting, but its staff works on all NMFS issues, so this was not possible. Once a mockup is available, NMFS will email it to the Steering Committee.

Articles for Publication (West End Natural Resource News, January 2012 and the Bugler, April 2012):

An article has been submitted to the West End Natural Resource News. This will serve as a template for the Bugler article. It will hopefully be posted on websites of Tribes, WCSSP, etc. One Committee member mentioned a display being created for the North Pacific Library to house brochures of current projects. It was suggested that the title of the display be changed from “Who Cares?” to “Natural Resources” or a similar title, as “Who Cares?” implies that we do not care. Another Committee member strongly requested that numbers on what is improving in Lake Ozette be added to the West End Natural Resource News article and future articles; it is important to show the beneficial impact of the Committee’s actions.

Oral Histories Project: A NMFS representative discussed a funding request under the NOAA “Preserve America” grant, to inspire and empower youth to learn about their home, become involved, and have a voice. If awarded the \$12,000 grant, local high school students can conduct oral histories by interviewing community elders about Lake Ozette sockeye. We can provide kids with the resources (video cameras, tools, etc.) to go talk to elders and start a conversation. NMFS is partnering with the Marine Sanctuary, the Northwest Pacific Science Center, and the National Marine Sanctuary Foundation. NMFS will hear if it won the grant at the end of February or beginning of March and will inform the Steering Committee. NMFS is also working on a needs assessment to help determine what environmental education is available in the Lake Ozette region.

One Committee member suggested bringing students to Umbrella Creek when the salmon are spawning and including experts at the meeting to demonstrate that “science does not come from a kit.” It was also noted that Nature Bridge has funding and is looking for specific projects that involve kids in citizen science projects and enable kids to participate in field work. Even though Nature Bridge often includes kids from other regions, one Committee member thought it would be possible to fund kids from the Lake Ozette region.

Kiosk in Olympic National Park: A subcommittee member described the kiosk as a “long-term project.” The Scenic Highways project has funding, so the subcommittee is exploring if the kiosk qualifies for a grant. One committee member suggested putting a link to the WCSSP Lake Ozette sockeye site on the Scenic Highways website. The subcommittee is also exploring including signage on sockeye in the kiosk being developed for Hoko River State Park. It was also suggested that the subcommittee consider funds through the Aquatic Lands Enhancement Account.

An ONP representative reported that the Park is developing “hot point sites” where visitors can access virtual interpretive information on their smart phone (as long as they have cell phone coverage). It was suggested that the Subcommittee explore having “hot point sites” in the Park, Sekiu, and/or other locations that link to information on Lake Ozette sockeye. Documents could be posted using Google docs or Wikilinks.

**Funding Updates**

The facilitator briefly suggested the Steering Committee consider a Funding Workgroup to organize opportunities, track deadlines, and coordinate support for proposals. Steering Committee members would bring funding ideas to the Workgroup, whose members would track and follow up on opportunities. This idea will be discussed further at the next Lake Ozette Steering Committee meeting in April.

**Steering Committee Updates and Next Steps**

The Steering Committee briefly discussed scheduling for its next meeting and agreed to meet in late March or in April. There will be a field trip tied to a Steering Committee meeting in June/July. There was a request to establish a consistent day of the week and time of month for future Steering Committee meetings.

There are funds for at least four more facilitated meetings, with a request submitted to fund facilitation of an additional two meetings.

Requested future meeting topics include:

- 1) Presentation that provides an update on status of sockeye population.
  - How do population counts vary between various methods (snorkeling, DIDSON, etc.)?
  - Compare population counts from various locations (weir, tributaries, beaches, etc.)
- 2) Next steps on proposed Funding Workgroup
- 3) Update on knotweed from Cathy Lucero. What are the next steps to maintain current trends?

### Attachment 1: Meeting Participants

|     | Name              | Affiliation                           | Telephone    | Email  |
|-----|-------------------|---------------------------------------|--------------|--|
| 1.  | Adrienne Akmajian | Makah Fisheries Marine Mammal Program | 360-640-0569 | <a href="mailto:makahstrandingnetwork@hotmail.com">makahstrandingnetwork@hotmail.com</a> |
| 2.  | Miles Batchelder  | WCSSP                                 | 360-289-2499 | <a href="mailto:milesb@wcssp.org">milesb@wcssp.org</a>                                   |
| 3.  | Harry Bell        | Green Crow                            | 360-417-3643 | <a href="mailto:harry@greencrow.com">harry@greencrow.com</a>                             |
| 4.  | Ed Bowen          | Ozette Citizen                        |              | <a href="mailto:rockypt@olypen.com">rockypt@olypen.com</a>                               |
| 5.  | Chris Byrnes      | WDFW                                  | 360-417-1426 | <a href="mailto:Chris.byrnes@dfw.wa.gov">Chris.byrnes@dfw.wa.gov</a>                     |
| 6.  | Larry Cooke       | Makah Fisheries                       | 360-640-1144 | <a href="mailto:Larry.cooke@centurytel.net">Larry.cooke@centurytel.net</a>               |
| 7.  | Pat Crain         | Olympic National Park                 | 360-565-3075 | <a href="mailto:crain@olypen.com">crain@olypen.com</a>                                   |
| 8.  | Peggy Foreman     | NMFS, NWRO                            | 206-526-4447 | <a href="mailto:Peggy.foreman@noaa.gov">Peggy.foreman@noaa.gov</a>                       |
| 9.  | Rosemary Furfey   | NMFS                                  | 503-231-2149 | <a href="mailto:Rosemary.furfey@noaa.gov">Rosemary.furfey@noaa.gov</a>                   |
| 10. | Mike Haggerty     | Mhaggerty Consulting                  | 360-928-0124 | <a href="mailto:mhaggerty@olypen.com">mhaggerty@olypen.com</a>                           |
| 11. | Kirt Hughes       | WDFW—Fish Program                     | 360-249-1204 | <a href="mailto:Kirt.hughes@dfw.wa.gov">Kirt.hughes@dfw.wa.gov</a>                       |
| 12. | Cathy Lear        | Clallam County                        | 360-417-2361 | <a href="mailto:clear@co.clallam.wa.us">clear@co.clallam.wa.us</a>                       |
| 13. | Roy Morris        | Citizen Sekiu                         | 360-963-2442 | <a href="mailto:able@olypen.com">able@olypen.com</a>                                     |
| 14. | Joseph Murray     | Merrill & Ring                        | 360-460-3733 | <a href="mailto:jmurray@merrillring.com">jmurray@merrillring.com</a>                     |
| 15. | John O'Brien      | Ozette Citizen                        | 360-531-2430 | <a href="mailto:obrienconstr@myway.com">obrienconstr@myway.com</a>                       |
| 16. | Rich Osborne      | North Pacific Coast Lead Entity       | 360-417-2569 | <a href="mailto:rosborne@co.clallum.wa.us">rosborne@co.clallum.wa.us</a>                 |
| 17. | Chris Page        | Triangle Associates                   | 206-583-0655 | <a href="mailto:cpage@triangleassociates.com">cpage@triangleassociates.com</a>           |
| 18. | Debbie Preston    | Northwest Indian Fisheries Commission | 360-374-5501 | <a href="mailto:dpreston@nwifc.org">dpreston@nwifc.org</a>                               |
| 19. | Kim Robertson     | Makah Tribe                           | 360-640-4811 | <a href="mailto:kimberlyrobertson@centurylink.net">kimberlyrobertson@centurylink.net</a> |
| 20. | Sarah Saviskas    | Triangle Associates                   | 206-583-0655 | <a href="mailto:ssaviskas@triangleassociates.com">ssaviskas@triangleassociates.com</a>   |
| 21. | Ted Schultz       | Citizen                               | 360-963-2122 |  |
| 22. | Jonathan Scordino | Makah Fisheries Marine Mammal Program | 360-645-3176 | <a href="mailto:mtcmmbiologist@centurytel.net">mtcmmbiologist@centurytel.net</a>         |
| 23. | Tim Tynan         | NOAA Fisheries                        | 360-753-9579 | <a href="mailto:tim.tynan@noaa.gov">tim.tynan@noaa.gov</a>                               |
| 24. | Al Voner          | NPS                                   | 360-963-2725 | <a href="mailto:Al_voner@nps.gov">Al_voner@nps.gov</a>                                   |

**Draft Agenda**  
**Lake Ozette Steering Committee Meeting**  
 April 19, 2012, 10:00 a.m. – 3:15 p.m.  
 Location: Sekiu Community Center

**Meeting Purpose:** To discuss Near Term Projects, Steering Committee public involvement activities, project funding sources, and next steps for Steering Committee.

| <b>Time</b> | <b>Item</b>   | <b>Materials</b>  |
|-------------|---|---|
| 10:00 a.m.  | <b>Optional “Meet &amp; Greet” with snacks (for those who can arrive early)</b>   |   |
| 10:15 a.m.  | <b>Welcome/Introductions, Updates</b> <ul style="list-style-type: none"> <li>• Review agenda and materials</li> <li>• Review April 19 meeting summary—any changes?               <ul style="list-style-type: none"> <li>○ Bullet form vs. narrative paragraphs—preferences?</li> </ul> </li> <li>• Announcements               <ul style="list-style-type: none"> <li>○ 5-year status review summary (Rosemary)</li> <li>○ Clallam County Shoreline Management Plan/WRIA 20 update (see <a href="http://www.clallam.net/realestate/html/shoreline_management.htm">www.clallam.net/realestate/html/shoreline_management.htm</a>)</li> <li>○ Funding workgroup</li> </ul> </li> <li>• Summary of public comment (if any)</li> </ul> | -Draft agenda<br>-April 19, 2012 draft meeting summary                        |
| 10:30 a.m.  | <b>Process for Public Outreach Products</b> <ul style="list-style-type: none"> <li>• Suggested review process for outreach products including ownership of such products</li> <li>• Next steps</li> </ul>   | -Process for LOSC review of public products                                   |
| 11:00 a.m.  | <b>Review &amp; Updates on Near-Term Priority List</b> <ul style="list-style-type: none"> <li>• DIDSON update               <ul style="list-style-type: none"> <li>○ Ownership of &amp; decision-making authority for Lake Ozette DIDSON</li> <li>○ Next steps</li> </ul> </li> <li>• Project leads give updates</li> <li>• Fill in gaps on Near-Term Priority List</li> <li>• Long-term goals</li> </ul>   | -Near-Term Priority List  |
| 12:00 p.m.  | <b>Lunch</b>  |   |
| 12:30 p.m.  | <b>Continuation of Near-Term Priority List</b> <ul style="list-style-type: none"> <li>• Issues raised at 2/2/12 meeting</li> <li>• N. Pacific Coast (WRIA 20) SRFB grants: what projects should be proposed (May 4 deadline for pre-proposals)?</li> <li>• Next steps—who will serve as lead (or co-leads) on the predation issue?</li> </ul>   |   |
| 2:00 p.m.   | <b>Public Outreach Subcommittee Updates</b> <ul style="list-style-type: none"> <li>• Conference call recap               <ul style="list-style-type: none"> <li>○ Review “final draft” of article for <i>The Bugler</i></li> <li>○ Verbiage for “hot point” sites</li> </ul> </li> <li>• Action items &amp; next steps</li> </ul>   | -Subcommittee conference call summary<br>-NWIFC News<br>-Draft Bugler article |
| 2:15 p.m.   | <b>Funding</b> <ul style="list-style-type: none"> <li>• Applications submitted? New sources? Other updates?</li> <li>• Mechanism to demonstrate LOSC support for project/s (<i>Letter stating “LOSC gives full consensus support to X project by decision at ___/___/2012 meeting” and showing LOSC membership? Statement attached to NTPL? Letter with signatures?</i>)</li> <li>• Idea for short-term goal: list of “shovel-ready” projects and/or project ideas we can plug into funding sources?</li> <li>• Confirm who will submit what projects for N. Pacific Coast/WRIA 20 grants</li> </ul>  |   |
| 3:00 p.m.   | <b>Next Steps</b> <ul style="list-style-type: none"> <li>• Summary of action items</li> <li>• Next meeting dates (July field trip) &amp; format; agenda topics</li> </ul>   |   |
| 3:15 p.m.   | <b>Adjourn</b>  |   |

**Meeting Summary**  
**Lake Ozette Steering Committee Meeting**  
Thursday, April 19, 2012  
10:15 a.m. – 3:15 p.m.  
Sekiu Community Hall

**Meeting Decisions List:**

- Pending one revision, the Steering Committee approved the February 2, 2012 meeting summary by consensus.
- Pending noted revisions, the Steering Committee approved the proposed process for reviewing outreach products and agreed to adopt this approach as part of the Steering Committee’s operating protocols.
- Pending one revision, the Steering Committee approved the article for The Bugler by consensus.

**Meeting Purposes:**

- Discuss the draft process for reviewing outreach products
- Receive updates on the status of Near-Term Projects, focusing on the Dual Frequency Identification Sonar (DIDSON)
- Discuss Steering Committee public outreach activities
- Discuss funding sources for projects
- Discuss updates and next steps for the Steering Committee

**Introductions, Agenda Review, and Meeting Summary Review**

The meeting Facilitator, Chris Page from Triangle Associates, welcomed the Lake Ozette Steering Committee (LOSC or “The Committee”), and LOSC members introduced themselves (*see Attachment 1 for a list of attendees*). The Facilitator reviewed the meeting agenda, and the Committee reviewed the February 2 meeting summary. Pending a modification regarding information presented on otter predation (to clarify that the high percentage of Lake Ozette sockeye bones found in river otter scat was not known until after the meeting), the Steering Committee approved the summary by consensus. There was also a request for Triangle to note Committee member affiliation in summaries, where appropriate.

**Announcements**

- The April 2012 issue of West End Natural Resources News features a front page article on Lake Ozette sockeye. Copies will be distributed at the beach cleanup on Saturday, April 21, and Olympic National Park (ONP) is working to put the article on its website.
- Kokanee and sockeye salmon use certain creeks, which will potentially be open for sport trout fishing when the fish are returning to spawn. Tribes are talking to the state about this issue because there is a difference of opinion regarding the fatality of “hook and release” fishing.
- Clallam County will host upcoming forums to introduce its draft Shoreline Management Plan and receive feedback from the community:
  - Tuesday, April 24 at the Sekiu Community Center (5:30 – 8:00 pm)
  - Wednesday, April 25 at the Pioneer Memorial Park in Sequim (12:30 – 3:00 pm) and at the Clallam County Courthouse in Port Angeles (5:30 – 8:00 pm)
  - Thursday, May 10 at the Forks Community Center (5:30 – 8:00 pm)
- There are two public open house forums scheduled in Forks regarding the Regional Salmon Sustainability Plan, with presentations and opportunities for public comment. (The plan will be posted on the website, and public comments can also be posted through the website.)
  - Wednesday, May 23 likely at the Forks Community Center (4:00 – 6:00 pm)
  - Saturday, June 9 at DNR (11:00 am – 3:00 pm)

- [NOTE: the two above forums have been consolidated into one session in Forks, on Saturday June 16<sup>th</sup> 10 am to 2 pm in conjunction with the west end natural resources picnic mentioned below.]
- The National Oceanic and Atmospheric Administration (NOAA) sent a letter to the Washington State Salmon Recovery Funding (SRF) Board on February 9, 2012 outlining Pacific Coastal Salmon Recovery Fund (PCSRF) priorities for 2012 grant opportunities, and Lake Ozette projects (among others) were listed as the first priority.
- The film “River as Spirit: Rebirth of the Elwha” will be playing at the Elwa Heritage Center on April 21, 2012 at 7:45 pm.
- There is a west end natural resources picnic in Forks on June 16, 2012.
- NOAA completed a 5-year status review in 2011 for salmon stocks in the Northwest Region, and the Lake Ozette sockeye retained its “threatened” status until the next review. This review is published in the Federal Register notice online.

### **Proposed Process for Reviewing Outreach Products**

The facilitator outlined the draft process for reviewing outreach products, which was developed by the Admin Team to ensure that Steering Committee members know what outreach products are planned and have the opportunity to review and provide comment on them. Examples that would require review by the Steering Committee include products that: are written on behalf of the LOSC and in which the LOSC is an active participant; refer to a decision of the LOSC or support by the LOSC; refer to information provided by the LOSC; and describe the role/function/history of the LOSC. The Committee discussed examples of products that would not have to go through review, such as products that merely cite the LOSC as a partner.

It was noted that some products are time sensitive, and information must be released in a timely manner. To address this issue, the Committee revised step one to allow the LOSC to determine if a review process is needed or not. One participant noted that the LOSC should be collaborative and not hinder the work of individual agencies.

The Committee discussed the proposed process, suggested refinements, and approved the proposed approach pending changes agreed upon at the meeting (*see Attachment 2 below*). The Committee agreed that the document should become part of the Steering Committee’s operating protocols.

### **Near-Term Priority List (NTPL)**

Updates and discussion items included:

- The North Pacific Coast Lead Entity (NPCLE) only has about \$310,000 this year, so they cannot fund all the projects on this list. It would help to prioritize the ones the LOSC cares about the most so we don’t leave it up to NPCLE to decide.
  - Grantors like seeing multiple, diverse groups partner.
  - It is possible to submit proposals for stages of a project rather than the whole project at once.
- The Committee is still looking to understand what options exist to control predation.
  - Triangle will follow up on the status of a National Marine Fisheries Service (NMFS) presentation on the Marine Mammal Act and other aspects of predation, specifically 1) predation by (non-native) fish and 2) predation by marine mammals.<sup>1</sup>
  - Triangle will work with agency and tribal representatives on the Steering Committee to research what tools we can use to address predation on Lake Ozette sockeye by fish.

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<sup>1</sup> Note: River otters are not considered “marine mammals” and are not listed under the Marine Mammal Protection Act.

### Dual Frequency Identification Sonar (DIDSON)

- SRF Board approved funding for the DIDSON project!
- The state is required to spend 10% of salmon recovery grant funding on monitoring. Makah and NMFS put together a project proposal and submitted it. These funds focus on monitoring that can be used in other parts of the state, so the committee asked Makah to rewrite the application to include analysis of replacing the weir with the DIDSON to provide data on whether/why the DIDSON is more effective. The grant contract still needs to be written. \$104,000 is the total grant amount, which is \$5,000 short of the total proposed amount to cover the DIDSON, a pole mount, power source, training, and maintenance.
- The money has been awarded, and the grant is in the contracting phase. No money can be spent until the contract is finalized. If the contract and training are put into place, it was estimated that the DIDSON could be available by late summer at the earliest.
- The data coming out of Lake Ozette efforts will have nation-wide significance (e.g. Canada and Alaska) because there has not been research done on beach spawning.
- Advice from individual LOSC members for the DIDSON contract (consensus on the following points was not reached):
  - Keep it simple and focused on the weir, the Lake Ozette sockeye Evolutionarily Significant Unit (ESU), and the research data/project/report.
  - When funding is set up, Makah scientists should do the work.
  - Data will be made accessible to the LOSC.
  - If the DIDSON is not needed, Makah should consider loaning it out for broader use (to people/entities who know how to use it).
    - There was a suggestion to check with the grantor about any rules for using the DIDSON outside of Lake Ozette.
  - Base verbiage for the contract on the Recovery Plan.
  - Develop a calendar for proposed uses.
- Additional comments from individual Committee members/Discussion Topics (consensus on the following points was not reached):
  - Questions/topics for consideration:
    - What is the plan for coordinating uses outside of Lake Ozette, or for Lake Ozette uses other than the weir?
    - Who is/are the responsible party/parties?
    - What is the plan for making data accessible?
    - Who will make decisions around these and other issues, and how?
    - What employment opportunities can emerge from this?
    - Where does the LOSC come in? Is it an active participant?
  - The initial purpose of the DIDSON is to replace the weir; after the two-year research project, the primary purpose is for Lake Ozette sockeye and, if and when available, to serve as a regional resource.
  - The DIDSON is under the management of the Makah Tribe for the two-year research project. No decision was made in regards to the role of the LOSC in long-term management and application of the DIDSON, though Committee members expressed support for collaborative decision-making and ensuring the instrument is applied in the best interest of Lake Ozette sockeye ESU recovery.
  - If it is confirmed that the DIDSON is an accurate tracking measure, one Committee member suggested removing the weir and addressing other limiting factors. There could be a need for additional DIDSONs.
  - Once the funding comes through and the DIDSON is in Makah's hands, it will be important for the LOSC to stay informed and look for opportunities to supplement its work or assist in determining where and how it can best be employed.
  - Once the research is done, Makah should come back to the LOSC to make recommendations and discuss potential future research opportunities.
  - Makah should make available a digital archive of the raw data that the DIDSON captures since:

- These are public funds
- At least one agency letter of support requested this
- The raw footage can reveal important information about Lake Ozette sockeye that's outside the scope of the research project
- It will be important to provide predation data from the DIDSON to the Park to prove that predation is occurring and to enable the Park to take action.
- There was a question about if the DIDSON can be used to track the outflow of juveniles.

#### Dunham Creek:

- Makah noted that after a site visit, it became clear that this project (removing and/or replacing a bridge/culvert limiting fish passage) should be combined with the Big River bridge abutment removal since they are in the same hydraulic project approval (HPA) area.
- Prior to the meeting, a Merrill & Ring representative informed Triangle that it intends to partner with Makah to combine the two above projects and pursue funding.

#### National Parks Service (NPS) Projects listed under Habitat Recovery Actions (HRA)-21:

- Cabin removal is not on the list for FY2012, as NPS lost funding. This is now put off to FY2013.
- There was a request to change “redesign” to “rehabilitation” in the project title.
- Concern was expressed about “re-vegetation” and that it may go beyond natural habitat.

#### Road relocation:

- The Clallam County representative has been speaking with the Clallam County Engineer on how this project fits into the County's transportation plan. There was some confusion regarding if this project refers to realignment of the entire road or just part of it. Once this is clarified, Clallam County can move forward with the Engineer. Committee members noted that the recovery plan outlines specific sections of the road.

Public Education Action (PEA)-6: For information on public education and outreach projects, see below.

### **Public Outreach Subcommittee Update**

A representative from the Public Outreach Subcommittee summarized the outcomes of the April 12, 2012 conference call. One Committee member requested a revision to the call summary to clarify that the LOSC has not yet received permission to post Lake Ozette sockeye information at Hoko River State Park, but that the Friends of the Hoko River will be taking over management of the park and are open to having this information posted. Triangle will make the revision.

Appendix C of the Recovery Plan articulates public outreach recommendations. A Committee member commented that the outreach subcommittee should keep those outreach and community support suggestions for sockeye in mind.

#### Oral Histories Project

NMFS applied for two grants to fund student oral history projects: a National Oceanographic and Atmospheric Administration (NOAA) “Preserve America” grant (\$12,000) and a NOAA Fisheries Internal Education grant (\$10,000). NMFS won the NOAA Fisheries grant, but did not win the Preserve America grant. NMFS is looking for additional funding opportunities to support this project, as \$10,000 may not accomplish their goals.

It was suggested that NMFS consider:

- How oral histories projects will help with recovery;

- Incorporating “sense of place” into the project (NMFS should speak to Jim Woods about the long house and fish camps that used to be on the lake, which are missed.);
- Talking with two other schools: Joyce Crescent and Home School Association; and
- Makah Cultural Research Center as another potential resource.

### Hot Point Site

The ONP representative to the LOSC is tasked with developing draft language for a 1-800 number that park visitors can call at designated visitor centers, and he asked for Committee input on the verbiage, which would go through the new LOSC review process. He requested feedback on the length of the recording and what the message should be. The number of people that use the call-in line is not yet known, as the system is relatively new. The Committee advised ONP to have the recording last 30-60 seconds and to use the West End Natural Resource News article as a model. It was suggested that call-in information get posted at the Port Angeles Visitor Center.

### ONP article for “The Bugler” newsletter

ONP reviewed draft language for The Bugler article focused on the recent DIDSON near-shore research. Since the paper was going to print the following Monday, ONP requested feedback from the Committee on the verbiage. The article has a 100 word limit. The Steering Committee discussed whether or not to include Mike Haggerty’s name in the article and ultimately decided to change “Mike Haggerty” to “Haggerty Consulting” so that non-locals reading the article will know he worked on behalf of a company. Pending this revision, the Steering Committee approved the article for The Bugler by consensus.

### **Funding Updates**

It was noted that projects would be stronger candidates if the full LOSC, with its diverse constituency, could stand behind a project. There was a suggestion to develop a letter stating LOSC has full consensus support for a project. There was another suggestion to add a statement to the NTPL, “We feel this project addresses the Recovery Plan priorities” or if it doesn’t, “we see benefit to this project because of x, y, and z reasons.” The LOSC discussed the possibility of developing such a statement, but decided that no additional statement was needed, as the NTPL should speak for itself as the list of projects that should have priority.

The LOSC discussed the suggestion to form a funding workgroup—a handful of individuals that could perform actions such as matching priority projects with funding sources or sponsors, writing letters of interest, tracking deadlines, creating useful tools to take to funders, and/or developing a funding strategy for implementation of Lake Ozette recovery. The Washington Coast Sustainable Salmon Partnership (WCSSP) wants to be part of this workgroup; it is doing something similar at the regional level and could provide support at this level, if appropriate.

During additional dialogue, Committee members articulated that with NPCLE and WCSSP representation on the Committee (and no agency/entity/members having extra time), no new workgroup is needed at this time. Given the need for additional project sponsors, a Committee member expressed support for getting new organizations/individuals (e.g. Pacific Coast Salmon Coalition and/or county conservation districts) to get involved in Lake Ozette sockeye recovery and sponsor smaller, community-level projects. LOSC members should keep an eye out for potential sponsors.

### **Steering Committee Updates and Next Steps**

The Committee briefly discussed scheduling for its next meeting and agreed to have a field trip to Ozette and a meeting in the last week of June or early July. LOSC members are invited to join NPCLE on an Ozette field trip on May 30; stay tuned for more details. The LOSC field trip will hopefully include locations not visited on May 30.

## **Attachment 1: Meeting Participants**

|     | <b>Name</b>      | <b>Affiliation</b>              | <b>Telephone</b> | <b>Email</b>   |
|-----|------------------|---------------------------------|------------------|--|
| 1.  | Miles Batchelder | WCSSP                           | 360-289-2499     | <a href="mailto:milesb@wcssp.org">milesb@wcssp.org</a>   |
| 2.  | Ed Bowen         | Ozette Citizen                  |                  | <a href="mailto:rockypt@olypen.com">rockypt@olypen.com</a>   |
| 3.  | Chris Byrnes     | WDFW                            | 360-417-1426     | <a href="mailto:Chris.byrnes@dfw.wa.gov">Chris.byrnes@dfw.wa.gov</a>   |
| 4.  | Kim Clark        | Makah                           | 360-640-4811     | <a href="mailto:Kim.clark@makah.com">Kim.clark@makah.com</a>   |
| 5.  | Larry Cooke      | Makah                           | 360-645-3175     | <a href="mailto:Larry.cooke@centurytel.net">Larry.cooke@centurytel.net</a>   |
| 6.  | Pat Crain        | Olympic National Park           | 360-565-3075     | <a href="mailto:crain@olypen.com">crain@olypen.com</a> ;<br><a href="mailto:Patrick_crain@nps.gov">Patrick_crain@nps.gov</a> |
| 7.  | Peggy Foreman    | NMFS, NWRO                      | 206-526-4447     | <a href="mailto:Peggy.foreman@noaa.gov">Peggy.foreman@noaa.gov</a>   |
| 8.  | Joe Hinton       | Makah                           | 360-963-2784     | <a href="mailto:mtchoko@olypen.com">mtchoko@olypen.com</a>   |
| 9.  | Katie Krueger    | Quileute                        | 360-374-2265     | <a href="mailto:Katie.krueger@quileutenation.org">Katie.krueger@quileutenation.org</a>                                       |
| 10. | Cathy Lear       | Clallam County                  | 360-417-2361     | <a href="mailto:clear@co.clallam.wa.us">clear@co.clallam.wa.us</a>   |
| 11. | Stephanie Martin | Makah                           | 360-645-3173     | <a href="mailto:Stephanie.martin@makah.com">Stephanie.martin@makah.com</a>   |
| 12. | Randy McIntosh   | NMFS                            | 360-534-9309     | <a href="mailto:Randy.mcintosh@noaa.gov">Randy.mcintosh@noaa.gov</a>   |
| 13. | Roy Morris       | Sekiu Citizen                   | 360-963-2442     | <a href="mailto:able@olypen.com">able@olypen.com</a>   |
| 14. | Rich Osborne     | North Pacific Coast Lead Entity | 360-417-2569     | <a href="mailto:rosborne@co.clallum.wa.us">rosborne@co.clallum.wa.us</a>   |
| 15. | Chris Page       | Triangle Associates             | 206-583-0655     | <a href="mailto:cpage@triangleassociates.com">cpage@triangleassociates.com</a>   |
| 16. | Sarah Saviskas   | Triangle Associates             | 206-583-0655     | <a href="mailto:ssaviskas@triangleassociates.com">ssaviskas@triangleassociates.com</a>                                       |
| 17. | Tom Swanson      | Green Crow                      | 360-452-3325     | <a href="mailto:tom@greencrow.com">tom@greencrow.com</a>   |
| 18. | Tim Tynan        | NOAA Fisheries                  | 360-753-9579     | <a href="mailto:tim.tynan@noaa.gov">tim.tynan@noaa.gov</a>   |

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## **Attachment 2: Process for Lake Ozette Sockeye Steering Committee to Review Draft Products**

Approved by Lake Ozette Steering Committee (LOSC)

on April 19, 2012

### **GOALS:**

- No surprises for Steering Committee members
- Steering Committee members know what's being written
- Steering Committee members have an opportunity to review and comment on draft products
- Steering Committee members cannot veto a draft product

### **PROCESS:**

1. Notify Triangle Associates about your product (e.g. you're writing an article for West End NR News) and target date for publishing. Triangle will relay this information to the Steering Committee via email (at minimum) and have LOSC determine if a review process is needed or not, with a two-week window for response. If yes, complete steps 2-10.
2. Write draft
3. Share with LOSC Public Outreach Subcommittee
4. Incorporate Outreach Subcommittee input (1-2 weeks)
5. Share with LOSC (allow 2 weeks for review & comment of non-technical draft product; 4 weeks for technical draft product)
6. Edit based on LOSC input

7. Authoring Agency Review
8. Share final draft with LOSC (1 week to provide comment on burning/substantive issues)
9. Last Authoring Agency Review (if needed)
10. Publish and share final product with LOSC

#### **EXAMPLES OF PRODUCTS REQUIRING REVIEW BY LOSC:**

- If it is written on behalf of the LOSC (e.g. product for the Public Outreach Subcommittee)
  - If it refers to support by, or a decision of, the LOSC
  - If it refers to information provided by the LOSC
  - If the LOSC is an active participant in the product
  - If it describes the role/function/history of the LOSC
- 

#### **Attachment 3: Questions Submitted by Ed Bowen Regarding DIDSON**

on April 19, 2012

- What about the possibility of equipment leaving the basin for use on other programs/watersheds, or at least doing so without coordination with the interest in the basin?
  - Who would be that coordinating group, or maybe call it oversight committee?
- Who determines when and where the equipment is used even in the basin; the weir issue is the primary in my view, but that might not be the case for other interest?
  - Should there be criteria established/a specified priority of uses?
- Who's responsible if equipment is damaged and even worse vandalism or theft?
- *The proposed funding source requires the data to be distributed; data historically has not been widely distributed/accessible, or synthesized to a point it's not usable for a wide range of use. Use of the equipment should require all data to be made available to whomever and at whatever level of interest. What process will be implemented to improve upon data distribution?*
  - Will such data as predation captured by the Didson be made available is an example?
- If the two-year evaluation results in the Didson not being an acceptable replacement for the weir what will happen to the Didson (the program and the equipment) and who will make that determination?
  - Along those same lines, who will determine if the Didson is an acceptable replacement and what will the process be to make that determination?
- *If ownership is point blank to the Makah Tribe and operated unconditionally, address the concern with the other agencies not doing their job and owning up to their responsibilities. Is this a project they should be responsible for but take the position of "defer to the Makah's to do it?" And with this comes who gets employed as a result of this project?*
  - Is the project amendable to partner with others to accomplish the work?
    - *The suggestion to propose is the use of the RFEG Pacific Salmon Coalition to host funding grants to facilitate area crews to partner with conducting the operation/processing/analysis of the Didson.*
    - *Another option is Stream Keepers program or internships through ONP (though the latter may be limited on receipt of a lot of available grant funds)*

**Draft Agenda**  
**Lake Ozette Steering Committee Meeting**  
 June 28, 2012, 10:00 a.m. – 3:15 p.m.  
 Location: Sekiu Community Center

**Meeting Purpose:** To discuss Near Term Projects, Steering Committee public involvement activities, predation, project funding sources, and next steps for Steering Committee.

| <b>Time</b> | <b>Item</b>   | <b>Materials</b>  |
|-------------|---|---|
| 10:00 a.m.  | <b>Optional “Meet &amp; Greet” with snacks (for those who can arrive early)</b>   |   |
| 10:15 a.m.  | <b>Welcome/Introductions</b> <ul style="list-style-type: none"> <li>• Review agenda and materials</li> <li>• Review April 19 meeting summary—any changes?</li> <li>• Announcements</li> </ul>   | -Draft agenda<br>-April 19, 2012 draft meeting summary                      |
| 10:30 a.m.  | <b>Public Outreach Subcommittee Update</b> <ul style="list-style-type: none"> <li>• Field trip</li> <li>• Conference call</li> <li>• Oral history project</li> <li>• Brainstorm possible fall weekend events to provide info on sockeye</li> <li>• Action items &amp; next steps</li> </ul> | -Subcommittee call summary  |
| 11:00 a.m.  | <b>Presentation on Noxious Weeds (Cathy Lucero, Clallam County)</b>   | Handouts?   |
| 12:00 p.m.  | <b>Lunch</b>  |   |
| 12:30 p.m.  | <b>Review &amp; Updates on Near-Term Priority List</b> <ul style="list-style-type: none"> <li>• DIDSON contract update</li> <li>• Round robin of updates from project leads</li> <li>• Fill in gaps on Near-Term Priority List</li> <li>• Long-term goals</li> </ul>                        | -Near-Term Priority List<br>-Draft letter to Clallam Co. re: Hoko-Ozette Rd |
| 2:00 p.m.   | <b>Predation Discussion</b> <ul style="list-style-type: none"> <li>• Suggestion: small work group to identify the range of predation control options</li> <li>• Next steps</li> </ul>   |   |
| 2:30 p.m.   | <b>Funding</b> <ul style="list-style-type: none"> <li>• Applications submitted? New sources?</li> <li>• Potential sponsor organizations/individuals for smaller projects?</li> <li>• Other updates?</li> </ul>  | -Near-Term Priority List  |
| 3:00 p.m.   | <b>Committee Updates and Next Steps</b> <ul style="list-style-type: none"> <li>• Summary of action items</li> <li>• LOSC member list?</li> <li>• Next meeting date (mid-late September)</li> <li>• Agenda topics</li> </ul>   |   |
| 3:15 p.m.   | <b>Adjourn</b>  |   |

**Meeting Summary**  
**Lake Ozette Steering Committee Meeting**  
Thursday, June 29, 2012  
10:15 a.m. – 3:15 p.m.  
Sekiu Community Center

**Meeting Decisions List:**

- Approved April 19, 2012 meeting summary with one addition.
- Green Crow will present to the Lake Ozette Steering Committee at the fall or winter meeting when concrete results on the spawning gravel studies have been established, and at that point, a project will potentially be added to the Near Term list.
- Establish two ad hoc workgroups, on:
  - Hoko-Ozette Road issues
  - Predation issues

**Meeting Purposes:**

- Receive updates on the status of Near-Term Projects
- Discuss Steering Committee public outreach activities
- Learn about noxious weeds
- Discuss next steps for predation
- Discuss funding sources for projects
- Discuss updates and next steps for the Steering Committee

**Introductions, Agenda Review, and Meeting Summary Review**

The meeting Facilitator, Chris Page from Triangle Associates, welcomed the Lake Ozette Steering Committee (LOSC or “The Committee”), and LOSC members introduced themselves (*see Attachment 1 for a list of attendees*). The Facilitator reviewed the meeting agenda, and the Committee reviewed the April 19 meeting summary. There was a request to add one participant’s list of questions regarding the DIDSON to the summary. Pending the noted modification, the Steering Committee approved the summary by consensus.

**Announcements**

- A Kids Salmon Fishing Derby will take place on Saturday, August 18, 6:00 am–12:00pm in Sekiu.
- Rich Osborne announced that as of June 30, he will no longer work for Clallam County and will have a new email address: [rosborne@wcssp.org](mailto:rosborne@wcssp.org). The North Pacific Coast Lead Entity is switching its Fiscal Agent status to the University of Washington, Olympic Natural Resources Center, and he will apply for a new position there.
- The Regional Sustainable Salmon Plan has been released and is on the Washington Coast Sustainable Salmon Partnership (WCSSP) website. One can provide public comment on the online open house feature by July 15, but this deadline will probably be extended to August.
- On June 27, one of two public hearings took place on the proposed land swap between the Department of Natural Resources (DNR) and Green Crow. Mostly DNR and Green Crow employees attended, but there were about six additional attendees. A handful of residents are concerned about the swap since their property abuts land proposed for the exchange, and Ozette residents questioned the effects to the junior taxing district of the Ozette basin. Many questions and concerns were answered at this meeting. Further comments can be submitted before July 13.
- A Green Crow representative recently collected spawning gravel samples, and he will develop a report of findings after the samples are analyzed. This report will hopefully be completed in time for the September LOSC meeting.

- Background: There has been concern about the appearance of spawning gravel, so Green Crow wants to identify if there is a relationship between gravel size and logging roads. This can be done by sampling spawning gravels and determining material size by weight or volume.
- The LOSC discussed the possibility of developing a proposal for a well-designed, long-term study with a hired scientist to explore water quality and sediment delivery. It was noted that it is important to have shared, multi-party participation upfront and agreement on data.

### **Field Trip Summary**

A Steering Committee member reported that twelve people attended the field trip, and the group visited the sites of six sockeye recovery projects. They also attended a site not on the itinerary to prepare for the presentation on noxious weeds. It was noted that broader public outreach (to invite/include more citizens) should be considered for future field trips. One participant expressed the need to make sure lake residents are informed since most have not been attending the Steering Committee meetings. It would be helpful to have field trips when salmon are present because seeing the fish will foster more excitement.

One Committee member offered apologies for not letting the North Olympic Land Trust (NOLT) know that field trip participants were going onto their property, which was a last-minute decision. He also expressed that it was effective talking about public outreach efforts at the sites under discussion. Another Committee member shared that she noticed the apparent lack of signage about Lake Ozette sockeye. It would help visitors to understand that salmon and timber are icons of the area. This can be assisted by the oral history videos hopefully helping to show what the lake used to be like and generate support for protecting the fish.

A Makah representative described the hatchery visit. The Tribe has been running experiments for six years on a new process for putting a calcium mark on fish so they can be identified without being killed, which is essential for smelt. (Calcium marking is a two-step process—fish are first soaked in saline solution and then put in a 50-50 mix of dye and regular water. The fish soak up the dye, which is deposited into bony tissues.) Marking and tracking the fish will help answer whether the hatchery is contributing or detracting from the wild sockeye population. The technique has been used for several years, but only on a permit basis, so the Tribe trying to research unforeseen side effects and safe parameters for use.

Makah discussed the interplay between hatchery and wild populations and that the hatchery population will hopefully become a fraction of the wild population. There was a request for the Committee to discuss what it can do to support this hatchery in terms of improving the infrastructure.

### **Noxious Weeds Presentation**

Cathy Lucero, Clallam County, talked about current efforts to combat noxious weeds. She expressed that the LOSC needs to consider how weeds in the Ozette basin should be dealt with long-term. Clallam County researched other groups working on noxious weeds, but there are not many. The following are some examples of noxious weeds discussed and brief notes on each:

- Knotweed: A knotweed removal project on NOLT land on Big River has been going on for ~6 years. Small knotweed patches have returned. One of the most efficient ways to eradicate knotweed is by injection; permits are required to do this in (or on the banks of) waterways. Knotweed impacts forestry, homeowners (septic systems), etc.
- Reed Canary Grass: This is one of the plants that move in quickly when other vegetation is removed. For any noxious weed removal project, research is needed to determine what vegetation should be planted, otherwise reed canary (or other species) will take over. A Committee member suggested using more developed tree seedlings for re-vegetation to strengthen the competition with reed canary grass.
- Herb Robert (aka Stinky Bob) is a significant future threat to the Ozette watershed. The plant looks like a bleeding heart, but is hairy and puts out a chemical to inhibit the germination of other plants. It was not in this area 14 years ago. If you see it, destroy it.
- Yellow archangel has a pretty yellow flower and is widely used ornamentally and in hanging plants. It is hard to kill, but luckily only reproduces by seed.

- Scotch Broom: Clallam County has many “weed wrench” scotch broom removal tools that can be borrowed with a deposit. There are isolated populations along the Hoko-Ozette Road and at the Clallam County gravel pit east of the Umbrella Creek road bridge.
- Tansy ragwort: causes irreversible liver damage for animals when eaten.
- Binding Hedgeweed (aka Morning Glory) grows on trees and strangles them.

Comments and questions from the Steering Committee included:

- How should eradication efforts be prioritized?
  - Eradication should occur from the top of a river or stream down, since species can spread downstream.
  - It is important to have a long term plan for the eradication site in terms of the sequence or succession of vegetation to plant where the weeds were removed.
  - It will also be important to develop a long-term plan for dealing with the weeds that are up and coming, such as stinky bob.
  - When working with landowners, try to shift from having outsiders do the work to helping the landowner be motivated to do the work themselves and keep weeds off their property.
  - Another area to think about is priorities for research: is there a comprehensive, strategic data-gathering plan?
- What programs are going on now to help with discovery?
  - Clallam County Noxious Weed Control Board is the main resource in the area.
- Suggestion: We need a good assessment of the current situation on the Big River system to develop a long-range plan.
- Bearded Iris is returning as a problem at the lake. It is spreading.
- Aquatic herbicide use: Olympic National Park (ONP) needs an NPDES (National Pollutant Discharge Elimination System) permit for weed control.

### **Near-Term Priority List (NTPL)**

Updates and discussion items included:

#### Dual Frequency Identification Sonar (DIDSON)

- The LOSC field trip participants saw the DIDSON site yesterday.
- Makah Tribe just received the State Recreation and Conservation Board (RCO) / Salmon Recovery Funding Board (SRFB) contract.
- It is possible it could be in use by late summer 2012, with the two-year research project going through 2013 in that case (otherwise, the research would begin in summer 2013 and go through 2014).
- It would be wise for the Makah Tribe to keep SRF Board updated (June 2013 will be an opportunity for a brief report to SRF Board).
- Makah has not started training, as they have been waiting for the funding to be secured. *Note: training may be delayed, since the wife of the person doing the training is due to have a baby in 2 weeks.*
- If the equipment and training are available in time, it is suggested that it would be neat to take a quick look at a potential second run of sockeye during early fall when the river comes back up again from early seasonal rains.

#### Hoko-Ozette road relocation:

- The Clallam County representative contacted Ross Tyler (County Engineer) and said that the LOSC wanted some way to address the road/river issues along Hoko River and drainage, and that the list of sockeye recovery actions included realigning sections of that road. Ross’ suggestion was to put it in the “unfunded section of the transportation improvement plan.”
- The LOSC would likely have to pursue funding since the County road department does not have the known funds.

- It will be essential to talk to those that live on the road and other regular road users. These parties, along with the County road department, can identify the “nick points” and other issues:
  - Where is the flooding the worst so land owners are cut off?
  - Where is the conflict between the river and road such that the road affects habitat?
  - Where does the County keep having to spend money to shore up the road?
- One LOSC member wondered where the real benefit is for fish. If this doesn’t impact sockeye significantly, maybe the time and money is better spent elsewhere.
- An assessment of those issues needs to be done. The first step would be to find funding and someone to do the assessment.
- Once problem areas are identified, the county could probably use a little bit of their money.
- For areas impacting the fish, SRF Board funds could be pursued.
- First, craft an outline for assessment. Dave Lasorsa—environmental engineer for the county—could possibly do the assessment.
- Ecotrust “whole watershed restoration initiative” is a potential funding source, though we should be clear of what we need before we go for funding.
- Action: Miles to investigate funding for an assessment (look at US Dept of Highways).
- Action: Triangle convene assessment committee:
  - Ed (as a resource)
  - Cathy Lear (County representative)
  - Mike Haggerty (fish impact areas)
  - Miles (funding assistance).
  - Two key issues for the assessment:
    - Mention the replacement of the Trout Creek bridge: this is a \$500,000 project on the County’s unfunded list and is potentially in conflict with this project.
    - Build into the assessment: outreach to those that use the road on impacts, needs, and their understanding/experience on what should be done about the road alignment.
- What is the best use of salmon recovery moneys? Do we put all our \$ in recovering natural stock in the lake, or stock in tributaries such as Big River? The tributary stock could potentially change and diverge from the lake stock; however, those populations could intermingle. It would be helpful to have data on the genetic differential over time between lake and tributary stock. A Committee member requested the SRFB Technical Review Team identify if/when that divergence might take place, but no results are available to date. If divergence does occur, the Committee member suggested that a cost benefit analysis comparing salmon recovery projects in upland drainages to the lake would be in order.
- Either way, “Best Use” of recovery dollars is an issue that’s important to consider moving forward. For Hoko-Ozette road, let’s keep that question in mind.

#### Predation

- There’s no new information. Suggestion for a small work group that can assess the impact of the issue; we need data.
- If group is willing, we could petition the National Oceanographic and Atmospheric Administration (NOAA) to get Pat Gearin’s involvement, since he can help get to the data: “Committee is requesting of NOAA to have Pat Gearin’s involvement in the Ozette Sockeye predation subcommittee.”
- Committee Members: Pat Crain, Rosemary Furfey, Rich Osborne, Pat Gearin, Brad Thompson or Kevin Ryan (US Fish & Wildlife), Jonathan Scordino (Makah), Katie Krueger (Quileute)

#### Cooperative Monitoring Evaluation and Research (CMER) study:

- In non-fish-bearing reaches of tributaries (even though no fish spawn in these sections, they contribute to water quality of fish habitat)
- Long term goal: identify adequacy of the 50-foot stream buffers of these areas

### National Parks Service (NPS) Projects listed under Habitat Recovery Actions (HRA)-21:

- As witnessed on the June 27 field trip: ONP has begun removing the old ranger cabin.
- The cabin's foundation will stay until the cultural resources archaeological assessment is done. That assessment will also help address if the area between the cabin and Ozette River is man-made fill or original material.
- ONP will take out everything in the floodplain, but there are some exceptions, such as kiosks and other structures on stilts at the Ozette River outlet.
- Type and extent of site re-vegetation will need to be identified and the LOSC should be made aware of recommendations prior to a decision or implementation being made by ONP.

Public Education Action (PEA)-6: For information on public education and outreach projects, see below.

### **Public Outreach Subcommittee Update**

A representative from the Public Outreach Subcommittee summarized the outcomes of the June 13, 2012 conference call. Topics included:

- Bulletin board and safety notice at Hoko River State Park, which will be based on the brochure content.
- "Wikilink" project—working to possibly add a Wikipedia page on lake Ozette sockeye. If we pursue a North Pacific Coast Marine Resources Council (MRC) grant, it would have to be for 2013-2014.
- A successful MRC potluck was held in Forks.
- Pilot program: field trip for community this fall (before November) to learn about the sockeye.
  - Is there an existing event this could be piggybacked with?
  - If the DIDSON gets up and running quickly enough, walk kids through the images and have an activity for them to count the fish. If the DIDSON isn't running this fall, Mike Haggerty's images could possibly be used for this activity.
- Continuing to explore a pilot volunteer seasonal interpretive position for someone that lives in the area and could lead weekly talks.

### Oral Histories Project

- In process of purchasing equipment—will have in next week or two
- The NOAA representative leading this project visited 3 of the 4 participating schools before school got out. Still extending invite to Quileute Tribal School.
- Will be relying on Committee members for ideas and to spread the word and find out if they'd be willing to speak with High School students.

### Brochure/Kiosk

- Peggy Foreman offered to assist in moving this forward. She suggested creating a 1-2 page mock up.
- We need to speak to the people HERE (this is a requirement of the recovery plan). Try to put something together in the language out here. They don't always understand government agency language. Avoid acronyms, use simple numbers and clear scientific facts in language that's understood here.
- Peggy will work with others who have been doing work on the brochure, and will address this need.
- A Committee member opined that outreach planning does not appear to include the methods or the means to keep the landowners of the basin updated on efforts to recover the sockeye, milestones reached, and projects specific to their properties. It was identified that at a minimum the conditions provided in Appendix C of the recovery plan need to be met.

### **Funding Updates**

WCSSP reported that for the 2011–2013 grant period, SRF Board grant money would cover the facilitation of four Committee meetings, and NOAA grants would cover four meetings. The NOAA funds covered the October 2011 and February 2012 meeting facilitation, and SRF Board funds paid for the April 2012 and June 2012 meetings. Therefore, there is funding for four more meetings before June 2013. One Committee member emphasized the importance of having facilitation for the public outreach efforts.

A potential new funding source is Environmental Solutions for Communities through Wells Fargo and the National Fish and Wildlife Foundation. It will be offered twice a year.

NOAA has been working with local schools to identify additional funding by notifying schools of upcoming grant opportunities. For example, Clallam Bay will receive 15 iPads through a Science, Technology, Engineering, and Mathematics (STEM) educational grant and Forks is receiving funding from the Gates Foundation.

**Steering Committee Updates and Next Steps**

The Committee briefly discussed scheduling for its next meeting and agreed to have a meeting in mid to late September since there may be an opportunity to have a community fish event around Coho salmon in mid-October.

**Attachment 1: Meeting Participants**

|     | <b>Name</b>      | <b>Affiliation</b>                        | <b>Telephone</b> | <b>Email</b>   |
|-----|------------------|---|------------------|--|
| 1.  | Miles Batchelder | WCSSP                                     | 360-289-2499     | <a href="mailto:milesb@wcssp.org">milesb@wcssp.org</a>                                 |
| 2.  | Harry Bell       | Green Crow                                | 360-417-3643     | <a href="mailto:harry@greencrow.com">harry@greencrow.com</a>                           |
| 3.  | Ed Bowen         | Ozette Citizen                            |                  | <a href="mailto:rockypt@olypen.com">rockypt@olypen.com</a>                             |
| 4.  | Kim Clark        | Makah                                     | 360-640-4811     | <a href="mailto:Kim.clark@makah.com">Kim.clark@makah.com</a>                           |
| 5.  | Larry Cooke      | Makah                                     | 360-645-3175     | <a href="mailto:Larry.cooke@centurytel.net">Larry.cooke@centurytel.net</a>             |
| 6.  | Keith Dublanica  | WA Governor’s Salmon Recovery Office      | 360-902-2242     | <a href="mailto:Keith.dublanica@rco.wa.gov">Keith.dublanica@rco.wa.gov</a>             |
| 7.  | Megan Duffy      | WA Governor’s Salmon Recovery Office      | 360-902-2580     | <a href="mailto:Megan.duffy@rco.wa.gov">Megan.duffy@rco.wa.gov</a>                     |
| 8.  | Peggy Foreman    | NOAA Fisheries                            | 206-526-4447     | <a href="mailto:Peggy.foreman@noaa.gov">Peggy.foreman@noaa.gov</a>                     |
| 9.  | Joe Hinton       | Makah                                     | 360-963-2784     | <a href="mailto:mtchoko@olypen.com">mtchoko@olypen.com</a>                             |
| 10. | Cathy Lear       | Clallam County                            | 360-417-2361     | <a href="mailto:clear@co.clallam.wa.us">clear@co.clallam.wa.us</a>                     |
| 11. | Cathy Lucero     | Clallam County Noxious Weed Control Board | 360-417-2442     | <a href="mailto:clucero@co.clallam.wa.us">clucero@co.clallam.wa.us</a>                 |
| 12. | Roy Morris       | Sekiu Citizen                             | 360-963-2442     | <a href="mailto:able@olypen.com">able@olypen.com</a>                                   |
| 13. | Rich Osborne     | North Pacific Coast Lead Entity           | 360-301-2175     | <a href="mailto:rosborne@wcssp.org">rosborne@wcssp.org</a>                             |
| 14. | Chris Page       | Triangle Associates                       | 206-583-0655     | <a href="mailto:cpage@triangleassociates.com">cpage@triangleassociates.com</a>         |
| 15. | Sarah Saviskas   | Triangle Associates                       | 206-583-0655     | <a href="mailto:ssaviskas@triangleassociates.com">ssaviskas@triangleassociates.com</a> |

**Draft Agenda**  
**Lake Ozette Steering Committee Meeting**

September 27, 2012, 10:00 a.m. – 3:15 p.m.

Location: **Clallam Bay Library, 16990 Highway 112, Clallam Bay, WA 98326**

**Meeting Purpose:** To discuss Near Term Projects, Steering Committee public involvement activities, predation, project funding sources, and next steps for Steering Committee.

| <b>Time</b> | <b>Item</b>  | <b>Materials</b>   |
|-------------|--|--|
| 10:00 a.m.  | <b>Optional “Meet &amp; Greet” with snacks (for those who can arrive early)</b>  |  |
| 10:15 a.m.  | <b>Welcome/Introductions—Need 3 more tables</b> <ul style="list-style-type: none"> <li>• Review agenda and materials</li> <li>• Review June 28 meeting summary—any changes?</li> <li>• Announcements (If possible: report on this year’s run: upstream migration, downstream monitoring.)</li> </ul> | -Draft agenda<br>-June 28, 2012 draft meeting summary                  |
| 10:45 a.m.  | <b>Review &amp; Updates on Near-Term Priority List</b> <ul style="list-style-type: none"> <li>• DIDSON update</li> <li>• Round robin of updates from project leads</li> <li>• Predation workgroup update</li> <li>• Fill in gaps on Near-Term Priority List</li> </ul>                               | -Near-Term Priority List<br>-Draft outline of assessment               |
| 12:15 p.m.  | <b>Lunch</b>   |  |
| 12:45 p.m.  | <b>Governor’s Salmon Recovery Office: “State of the Salmon” report</b> —input needed from LOSC on how to tell the Ozette Sockeye story to the WA State Legislators   | -draft of Ozette Sockeye story ( <i>hard copy; not sent by email</i> ) |
| 1:15 p.m.   | <b>Public Outreach Subcommittee Update</b> <ul style="list-style-type: none"> <li>• Conference call</li> <li>• Brochures: which one should move forward, or should both? + next steps</li> <li>• Oral history project</li> <li>• Action items &amp; next steps</li> </ul>                            | -Draft of two brochures ( <i>hard copy; not sent by email</i> )        |
| 2:30 p.m.   | <b>Funding</b> <ul style="list-style-type: none"> <li>• Applications submitted? New sources?</li> <li>• Potential sponsor organizations/individuals for smaller projects?</li> <li>• Other updates?</li> </ul>   | -Near-Term Priority List   |
| 3:00 p.m.   | <b>Committee Updates and Next Steps</b> <ul style="list-style-type: none"> <li>• Summary of action items</li> <li>• LOSC member list?</li> <li>• Next meeting date (mid-late September)</li> <li>• Agenda topics</li> </ul>  |  |
| 3:15 p.m.   | <b>Adjourn</b>   |  |

**Meeting Summary**  
**Lake Ozette Steering Committee Meeting**  
Thursday, September 27, 2012  
10:15 a.m. – 3:15 p.m.  
Clallam Bay Library

**Meeting Decisions List:**

- The Committee approved the June 28, 2012 meeting summary by consensus.
- The Committee decided to add a project to the Near-Term Priority List: a basin-wide invasive weed assessment/mapping.
- The Committee agreed that Ed Bowen will draft language for a site-specific assessment of Hoko-Ozette Road to submit to Clallam County for inclusion in its six-year Transportation Improvement Plan (TIP) following review and approval by the full Committee.
- The Committee decided to use excerpts from the Lake Ozette Sockeye Recovery Plan Summary for the State of the Salmon report to the Washington State Legislature. The facilitator will draft this document and distribute for Committee review and approval.
- The Committee agreed to have one version of the Ozette Sockeye brochure for public distribution. The Public Outreach Subcommittee will review revisions to the brochure and after edits are incorporated, it will be distributed to the full Committee for review and approval.

**Meeting Purposes:**

- Discuss Near-Term Projects
- Discuss Steering Committee public involvement activities
- Discussion predation
- Discuss project funding sources
- Discuss next steps for the Steering Committee

**Introductions, Agenda Review, and Meeting Summary Review**

The meeting facilitator, Chris Page from Triangle Associates, welcomed the Lake Ozette Steering Committee (LOSC or “the Committee”), and LOSC members introduced themselves (*see Attachment 1 for attendee list*). The facilitator reviewed the meeting agenda and the Committee reviewed the June 28 meeting summary. The Committee approved the June 28<sup>th</sup> meeting summary by consensus.

**Announcements and Business**

- Rosemary Furfey (NOAA Fisheries) is on assignment in Washington, DC through the end of 2012.
- The Committee discussed the issue of tsunami debris and cleanup efforts.
  - Members discussed that tsunami debris is treated differently than other hazardous debris. For both, however, any beachcomber can report the debris to the Department of Ecology (Ecology). Local pamphlets have contact information.
  - Local Marine Resource Committees are, with the help of grant funding, coordinating groups of experienced volunteers who would report debris sightings to Ecology. This potential funding could provide an opportunity to hire a coast-wide Tsunami Debris Coordinator, if an agency can be found to host this person.
  - Because ecologically sensitive zones include habitat for Lake Ozette Sockeye, reliable information on where debris and oil spills could appear is important. This Committee could comment on the Olympic National Park’s internal plan that addresses these sensitive zones.

- There are several major management shifts in the Pacific Northwest region of the National Park Service.
  - The Olympic National Park (ONP or “The Park”) will have a new Superintendent starting in October, Sarah Creachbaum. She comes most recently from Halaekala National Park and has major interests in wilderness stewardship planning, tribes, and cultural resources.
  - ONP’s Chief of Maintenance will move to be the Superintendent at Devil’s Tower National Monument in Wyoming. Staff do not yet know his replacement.
  - Most of the other Pacific Northwest Parks are seeing new superintendents; this reflects a generational transition and not a top-down decision.
- Rich Osborne announced his email address has changed since he is no longer working for Clallam County. It is now [osborner@uw.edu](mailto:osborner@uw.edu).
- The ONP has been approached by a post-doctoral student. She wants to study climate change’s effects on coastal upwelling along the Washington coast and on salmon populations. Contingent on grant funding from the National Science Foundation, she may pursue a post-doc at ONP.
- One LOSC member asked why Megan Duffy and Keith Dublanica attended the last Committee meeting. It was because Keith brought the DIDSON contract and Megan was in the area; the Governor’s Salmon Recovery Office (GSRO) tries to send someone to LOSC meetings if possible. Megan Duffy is now with the aquatics program in the Department of Natural Resources and has been replaced at the GSRO by Brian Abbott.
- Makah representatives reported on last year’s migration numbers.
  - They reported last year’s migration numbers because they have not yet started the spawning analysis this year. The migration was slow to start, but last year, this year, and next year are expected to be low based on past trends. They expect 2014 to be a high migration year.
  - The screwtrap results were poor this year for smolt. The hatchery contribution was also low; the belief is that infectious hematopoietic necrosis (IHN) affected quite a bit of the hatchery stock.
- The National Park Service has a long-term water quality plan in all Pacific Northwest parks to determine trends. ONP has eight monitoring stations, of which two will be in the Lake Ozette watershed. These two locations are: 1), on Ozette River from the bridge to 1500 meters downstream, and 2), on Umbrella Creek from the bridge to 200 meters downstream.
  - A temperature gauge will record the water temperature continuously.
  - Once a year, researchers will sample the benthic insects and analyze water quality.
  - The property owner at the Ozette River bridge is Forterra (formerly North Cascades Land Trust). The Park and Forterra have an easement agreement.

## **Review and Updates on Near-Term Priority List**

Updates and discussion items included:

- **PRA-7, DIDSON:** The Committee discussed updates and the strategy for the DIDSON research process. The Makah Tribe has ordered all parts and expect them in several weeks due to a six-week shipping timeline. The software will be downloaded directly, then the consultant will come out to the site the week of October 1<sup>st</sup> and set up the gear so staff can practice for the winter. They are currently considering a partnership with ONP on how to safely store the laptop and equipment.
- **HRA-2, HRA-10, Crooked Creek:** The Crooked Creek culvert replacement project is moving forward. On October 24<sup>th</sup>, the Salmon Recovery Fund (SRF) Board meets in Olympia so they will

know more information about the level of funding available. If the funding request is approved, they will be ready to implement the project in the 2013 salmon window.

- **HRA-3, CMER Study:** The study will not occur in the Ozette basin. Some Committee members still have questions; this will remain on the near-term priority list and be addressed at the next meeting.
- **HRA-10, HRA-20, Big River:** The bridge abutment removal project looks to have a good chance of getting funded by the SRFB this fall (Merrill and Ring will fund the remainder of the project).
- **HRA-10, HRA-20, Dunham Creek:** Currently on hold due to a search for funding.
- **HRA-21, NPS Lake Outlet rehabilitation:** The Park has applied for funding; if won, the funding would be available in 2016 to focus on funding reed canary grass removal in the Quinault.
  - The group discussed the need for a region-wide strategy to effectively remove reed canary grass. This discussion included:
    - Shading out the grass,
    - Informing private landowners about the effort for partnership,
    - Outreach to sport fishing / hunting organizations to recruit volunteers for assessment and possibly removal,
    - Learning where the infestation is happening (coordination with Dan Campbell, ONP's exotic plants expert), and
    - Regionally mapping where the grass currently is.
  - This led to a larger discussion about invasive species including reed canary grass and yellow/wild iris.
    - There is currently an exotic plant survey at the lake.
    - The benefits of using volunteers to help map and remove invasive species.
    - The need for public outreach to inform the public about invasive species and the removal process.
  - The Committee decided to add a near-term priority about implementing an invasive weed basin assessment. The Committee agreed that the State Noxious Weed Control Board (through the Washington Department of Agriculture) plus ONP's exotic plants team should be notified about this new LOSC near-term priority.
- **RME-5, Investigate predator types:** The Committee discussed the opportunity for funding if they work with the US Geological Survey for a number of these issues. The ONP representative has talked with a USGS wildlife biologist, Kurt Jenkins, to look at otters in Lake Ozette. Together, Pat Crain and Kurt Jenkins will develop a 1-paragraph proposal as an abstract of the type of work needed, and would be tailored to RME-5. Kurt Jenkins has connections at Yellowstone where there is a similar issue with otters and fish; the Committee also discussed that Joe Gaydos has been doing work through Washington Department of Fish and Wildlife (WDFW) with otters and there may be funding sources available there.
- **HRA-2, Hoko-Ozette Road Assessment:** The facilitator drafted a one-page outline and distributed to the full Committee in time for the September 27<sup>th</sup> meeting. Not much other work has happened yet on this, partly because of other commitments and partly because moving the road requires acquiring other land.
  - Ed Bowen will start drafting an amendment for a site-specific assessment to the six-year Transportation Improvement Plan (TIP).
  - The facilitator will distribute to the full Committee for comment and ultimate approval so that the Committee can submit this to the TIP together.

### **Governor’s Salmon Recovery Office: “State of the Salmon” report**

Committee members reviewed a draft from the WCSSP representative of what he could send to the GSRO as an update on LOSC’s work and progress for this report to the Washington State Legislature. The Committee discussed the information displayed in the graph, with several members noting that the graph is difficult to read. LOSC members also agreed that the “Recovery Plan” excerpt from the Lake Ozette Sockeye Recovery Summary should be used since that language has already been approved by the Committee. The facilitator will draft this document and distribute for Committee review and approval.

### **Public Outreach Subcommittee Update**

- Brochures:
  - The NOAA public outreach representative shared two versions of the public brochures.
  - The Committee agreed that there should be only one version: the one with more information.
  - The Committee agreed on a few changes to the language under “Get Involved with Sockeye Recovery Efforts” on the last page and made other suggestions. The Public Outreach Subcommittee will review a revised version, and after their input the document will be shared with the LOSC for comments and consideration of approval.
- Oral History Project:
  - Two school field trips to Lake Ozette are planned so far: The Quileute middle and high schools will come on October 10<sup>th</sup> with their canoes and the Forks High School group will come in late October. Any LOSC member is encouraged to participate in these field trips.
  - The NOAA public outreach representative is looking for LOSC member help reach out to more schools to participate. She (Peggy Foreman, contact info below) is also looking for advice of where students can display their projects.

One LOSC member noted that Ozette Sockeye are in the Puget Sound domain, and hopes that information will be clearly reflected on the NOAA website.

The facilitator will follow up with the meeting summary as well as a Doodle poll to determine the next meeting (likely to be scheduled for mid- to late January 2013).

**Attachment 1: Meeting Participants**

|     | <b>Name</b>      | <b>Affiliation</b>                    | <b>Telephone</b> | <b>Email</b>   |
|-----|------------------|---------------------------------------|------------------|--|
| 1.  | Ed Bowen         | Ozette Citizen                        |                  | <a href="mailto:rockypt@olypen.com">rockypt@olypen.com</a>                         |
| 2.  | Chris Byrnes     | WDFW                                  | 360-417-1426     | <a href="mailto:chris.byrnes@dfw.wa.gov">chris.byrnes@dfw.wa.gov</a>               |
| 3.  | Kim Clark        | Makah                                 | 360-640-4811     | <a href="mailto:kim.clark@makah.com">kim.clark@makah.com</a>                       |
| 4.  | Pat Crain        | Olympic National Park                 | 360-565-3075     | <a href="mailto:patrick_crain@nps.gov">patrick_crain@nps.gov</a>                   |
| 5.  | Peggy Foreman    | NMFS, NWRO                            | 206-930-8840     | <a href="mailto:peggy.foreman@noaa.gov">peggy.foreman@noaa.gov</a>                 |
| 6.  | Joe Hinton       | Makah                                 | 360-963-2784     | <a href="mailto:joseph.hinton@makah.com">joseph.hinton@makah.com</a>               |
| 7.  | Stephanie Martin | Makah                                 | 360-645-3173     | <a href="mailto:stephanie.martin@makah.com">stephanie.martin@makah.com</a>         |
| 8.  | Rich Osborne     | UW Odegaard Writing & Research Center | 360-374-4560     | <a href="mailto:osborner@uw.edu">osborner@uw.edu</a>                               |
| 9.  | Roy Morris       | Clallam Bay/Sekiu Lions               | 360-963-2442     | <a href="mailto:able@olypen.com">able@olypen.com</a>                               |
| 10. | Joseph Murray    | Merrill & Ring                        | 360-460-3733     | <a href="mailto:jmurray@merrillring.com">jmurray@merrillring.com</a>               |
| 11. | Pat Ness         | Landowner                             | 360-928-0266     | <a href="mailto:bobandpatness@gmail.com">bobandpatness@gmail.com</a>               |
| 12. | Jacilee Wray     | Olympic National Park                 | 360-565-3051     | <a href="mailto:jacilee_wray@nps.gov">jacilee_wray@nps.gov</a>                     |
| 13. | Chris Page       | Triangle Associates                   | 206-583-0655     | <a href="mailto:cpage@triangleassociates.com">cpage@triangleassociates.com</a>     |
| 14. | Claire Turpel    | Triangle Associates                   | 206-583-0655     | <a href="mailto:cturpel@triangleassociates.com">cturpel@triangleassociates.com</a> |