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05/18/10

**Memorandum of Agreement
Between the
University of Washington and County of Clallam, Washington**

This Agreement ("the Agreement") is made and entered into by the County of Clallam, a political subdivision of the State of Washington ("the County"), and the University of Washington ("the School"), collectively referred to as the "Parties," in order for the School to provide the County with specific technical services on the County Shoreline Master Program (SMP) update planning activities for those portions of Water Resource Inventory Area (WRIA) 20 in Clallam County.

I. Purpose

Through this agreement, the School, in consultation with the Clallam County Department of Community Development, will assist the County in SMP update planning activities in and about portions of WRIA 20.

II. Project Management

The activities performed under the Agreement shall be jointly managed for each of the respective Parties under RCW 39.34.040(4)(a) by the following representatives: for the School by University of Washington's John Calhoun, Director of Olympic Natural Resources Center, PO Box 1628, Forks WA 98331 (Fax: 360.374.3336), and for the County by Clallam County Department of Community Development Planning Director Steve Gray, 223 East 4th Street, Suite 5, Port Angeles WA 98362 (Fax: 360.417.2443).

In the event of a dispute under the Agreement, the dispute shall be resolved by the appropriate UW official and the Director of the Department of Community Development. If resolution cannot be reached by the appropriate official and Director, then the issue will be forwarded to the Board of Commissioners for Clallam County or designee for resolution with the appropriate official(s) or designee of the School.

III. Responsibilities

A. The School shall:

- 1. In consultation with the Clallam County Department of Community Development, perform the scope of services described in Exhibit A, attached hereto and made a part hereof, for all purposes to assist the County in SMP update planning activities in and about portions of WRIA 20.

B. The County shall:

- 1. Compensate School in completing the scope of work as described in Exhibit A, not to exceed the amount of \$50,500.
- 2. Provide appropriate assistance to the School in completing the scope of work as described in Exhibit A.

IV. Costs, Billing, and Payment

The Parties agree to the following regarding project costs:

- A. The amount paid shall not to exceed the amount of \$50,500 over the term of this agreement.
- B. School shall invoice County quarterly for services with an itemized invoice. Payment is due within 30 days of receipt of the invoice. Checks shall be made out to the "University of Washington," and mailed to Grant and Contract Accounting, 12455 Collections Drive Chicago, IL 60693. School agrees to provide narrative reports of acceptable detail on work performed, when requested by County.
- C. The Parties represent that Funds for service provision under the Agreement have been appropriated and are available. To the extent that such service provision requires future appropriations beyond current appropriation authority, the Parties' obligations are contingent upon the appropriation of sufficient funds to complete the activities described herein. If no such appropriation is made, this Agreement will terminate.
- D. Any mutually agreed upon revisions to the cost arrangement as described above will be accomplished by a written amendment per Agreement section V. (C).
- E. All studies, reports, findings or equipment produced or acquired with funds provided by the County, shall be the property of the County and shall be retained or disposed of as instructed by the County, subject to the School's publication rights as per F, below. Property or equipment will be acquired under this agreement only upon joint approval of the Parties and will be held as further approved by the Parties under RCW 39.34.030(4)(b).
- F. UW reserves the right to make or permit to be made scholarly disclosures of the results of the Project, including without limitation, publication in scholarly journals, presentations at academic and other conferences, disclosures to UW and non-UW scholars, and disclosures in grant and funding applications. UW shall provide Sponsor a copy or notice of any publication in any scholarly journal that includes a report of the results of the Project. UW further agrees to provide, in accordance with customary standards, an appropriate acknowledgement in any such publication of Sponsor's support or other role in the Project.

V. Duration, Termination, and Amendment

- A. The starting date of the Agreement is May 15, 2010 and it will become effective upon signature by the Parties and recordation of the Agreement with the County. It will remain in effect until May 30, 2011.
- B. Either Party upon 30 days written notice may terminate the Agreement. In the event of termination, the County will make payment for work performed by the School to the date of termination.
- C. The Agreement may be amended, altered, clarified, or extended only by the written agreement of the Parties hereto.

- D. The Agreement is not assignable by either Party, either in whole or in part.
- E. The Agreement is the complete expression of the terms hereto and any oral or written representations or understandings not incorporated herein are excluded. The Parties recognize that time is of the essence in the performance of the provisions of the Agreement. Waiver of any default shall not be deemed to be waiver of any subsequent default. Waiver of breach of any provision of this agreement shall not be deemed to be a waiver of any other or subsequent breach and shall not be construed to be a modification of the terms of the Agreement unless stated to be such through written approval by the Parties which shall be attached to the original Agreement.

VI. Indemnification and Hold Harmless

Each Party shall defend, indemnify, and save harmless the other Party, its officers, officials, employees, and agents, while acting within the scope of its employment as such, from any and all costs, claims, judgments, and/or awards of damages, arising out of or in any way resulting from either Party's own negligent acts or omissions. Each Party agrees that its obligations under this subparagraph extend to any claim, demand, and/or cause of action brought by, or on behalf of, any of its employees or agents. For this purpose, each Party, by mutual negotiation, hereby waives, with respect to the other Party only, any immunity that would otherwise be available against such claims under the Industrial Insurance provisions of Title 51 RCW. In the event that either Party incurs any judgment, award, and/or cost arising therefrom, including attorneys' fees, to enforce the provisions of this Article, all such fees, expenses, and costs shall be recoverable from the responsible Party to the extent of that Party's culpability.

UNIVERSITY OF WASHINGTON

*Roba Mondane
Grant and Contract Administrator
Acting for Lynne Chronister*

By: *Roberta L. Mondane*

Date: *May 12, 2010*

Name: Lynne Chronister
Executive Director
Office of Sponsored Programs

Title: _____

CLALLAM COUNTY

By: *[Signature]*
Howard V. Doherty, Jr., Chair

Date: *May 18, 2010*

ATTEST:

By: *Trish Holden*
Trish Holden, CMC, Clerk of Board

Date: *May 18, 2010*

Approved as to form only by:

[Signature]
Douglas E. Jensen
Chief Civil Deputy Prosecuting Attorney
Clallam County

**WRIA 20 Shoreline Master Program Update
Scope of Work
Olympic Natural Resources Center**

PROJECT DATES: April 15, 2010 through April 30, 2011

PROJECT COORDINATION

1. **April 2010 WRIA 20 SMP Project “Kick-Off” Meeting.** Participants would include ONRC, County, and City project staff team members. The purpose of the meeting would be to: 1) review project schedule, tasks and deadlines; 2) ONRC, County and City responsibilities; and 3) firm up agendas and dates for WRIA 20 Policy/Technical Advisory Committees and planned regional visioning forum in consultation with meeting coordinators for the WRIA 20 IB (watershed planning), NPCLE (salmon restoration), and Coastal MRC (Marine resource committee). *[Anticipate: ½ - day to full day, hold at ONRC or Forks City Hall]*
2. **SMP Project Team Coordination Meetings.** ONRC, County and City SMP Update Project Staff will hold monthly coordination meetings to discuss project status, deliverables, and to address issues related to WRIA 20 SMP Update. Other project team meetings to be scheduled, as needed. Project Team meeting are anticipated to generally be by teleconferencing or held in Forks.
3. **Quarterly Reports.** Provide County quarterly identifying progress by task and documentation of public involvement efforts (e.g., contacts and consultations). *[Due Dates: July 1, 2010; October 1, 2010; January 1, 2011; and April 1, 2011]*

WRIA 20 – TECHNICAL/POLICY ADVISORY COMMITTEE MEETINGS

ONRC will consult with and facilitate input from the WRIA 20 Technical/Policy Advisory Committees-- WRIA 20 Watershed Planning Unit, North Pacific Coast Lead Entity, and Coastal Marine Resources Committee—to assist Clallam County in completing the following four WRIA 20 SMP update tasks:

1. Visioning
2. Shoreline Inventory and Characterization
3. Preliminary Restoration Planning
4. Preliminary Shoreline Management Program Elements

Consultations will be structured to solicit input to identify issues, opportunities, and priorities in relation to shoreline use, resource protection, public access and restoration. This input will be used to work with the advisory committee(s) to develop and recommended WRIA 20:

- Preliminary concepts, alternatives, and priorities for shoreline use, resource protection, public access, and restoration;

- Preliminary shoreline goals and policies;
- Preliminary shoreline environmental designations consistent with WAC 173-26-211; and
- Preliminary regulatory framework for achieving identified goals, policies, and environmental designations consistent with the applicable principles and standards contained General Master Program Provisions (WAC 173-26-221), Shoreline Modifications (WAC 173-26-231), Shoreline Uses (WAC 173-26-241), and Shorelines of Statewide Significance (WAC 173-26-251).

ONRC will also consult with and facilitate similar input from the Forks Planning Commission for the shoreline jurisdiction inside and in the vicinity of the Forks Urban Growth Area.

The perspectives gathered through the WRIA 20 visioning efforts will be included in discussions in relation to the above tasks with the WRIA 20 Technical/Policy Advisory Committee Meetings and Forks Planning Commission. Opportunities for public comment must be provided at all meetings where ONRC facilitates input related to the Clallam County Shoreline Master Program update planning processes.

Deliverables:

1. Facilitate 8 to 12 WRIA 20 – Technical/Policy Advisory Committee Meetings.*
2. Facilitate 4-6 meetings with the Forks Planning Commission.**
3. Maintain and provide record of ONRC consultations and meetings with the WRIA 20 Technical/Policy Advisory Committee(s) and Forks Planning Commission.
4. Maintain and provide record of public comments (oral, public) ONRC received and any response to comments.
5. Provide County meeting summaries (agendas, topics covered, committee and public input received).

WRIA 20 SHORELINE VISIONING

ONRC will design and facilitate a WRIA 20 shoreline visioning process with the goal to engage the public in defining the future of Clallam County shorelines. Visioning efforts will gather and compile a broad spectrum of public input using a variety of methods including, but not limited to:

WRIA 20 Technical/Policy Advisory Committee(s). ONRC will facilitate and compile input from the WRIA 20 Technical/Policy Advisory Committee(s) and the Forks Planning Commission on priorities, issues, and opportunities regarding shoreline uses, environmental protection, restoration and public access.

Regional Visioning Forum. ONRC will design and facilitate a Regional Visioning Forum. The visioning forum will invite and encourage citizen participation to help determine

goals for future use of the shoreline and to identify priorities, issues, and opportunities regarding shoreline uses, environmental protection, restoration and public access. The visioning process will be conducted with respect to the findings of the preliminary shoreline inventory and characterization report. The results will be compiled in the *WRIA 20 Shoreline Visioning Report* to present public perspectives to guide SMP update planning processes for development of goals and strategies related to shoreline uses, public access, resource protection, and restoration.

Clallam County will provide working maps and other data in consultation with ONRC to assist with obtaining input at the Forum. County staff will also be available to assist at the event. ONRC will design press releases and notices to advertise the visioning event for distribution by Clallam County.

Survey/Interviews. ONRC will use survey tools and interviews to obtain input on priorities, issues, and opportunities regarding shoreline uses, environmental protection, restoration and public access from WRIA 20 shoreline landowners and shoreline users (e.g., recreation groups, outfitters, tourists, etc...). WRIA 20 has public shorelines of regional, statewide, and national value and a high tourism use. ONRC will assist County in use of survey, interviews, and other techniques to engage and encourage input of non- Clallam County residents who have legal rights to access, navigation, and recreation areas.

Treaty Tribes. ONRC will conduct interviews and seek input from Treaty Tribes on priorities, issues, and opportunities regarding shoreline uses, environmental protection, restoration and public access.

Natural Resource Managers. ONRC will conduct interviews and seek input from WRIA 20 state and federal natural resource land managers and agencies including, but not limited to: Olympic National Park, Olympic Natural Forest, Washington Department of Natural Resources, Washington Department of Fish and Wildlife, Washington State Parks, Washington Department of Ecology, and US Army Corps of Engineers.

Deliverables:

1. WRIA 20 Shoreline Visioning Forum will be scheduled in conjunction with completion of preliminary shoreline inventory and characterization efforts but no later than August 31, 2010. Obtain input from WRIA 20 Advisory Committee(s) on Forum design.
2. Complete survey/interviews with public, Treaty Tribes, and natural resource agencies. [Deadline: August 2010]
3. Prepare a *WRIA 20 Shoreline Visioning Report* that presents public perspectives on defining the future of Clallam County shorelines related to shoreline uses, resource protection, public access, and restoration. [Deadline: September 2010]

4. Record of visioning forum (e.g., agendas, sign-up sheets, hand-outs, public comments, etc...) and survey/interview responses.
5. Record of public outreach and consultations.
6. Record of all public comments (oral, written) received and any response to comments.

SHORELINE INVENTORY AND CHARACTERIZATION REPORT

ONRC will prepare a *WRIA 20 Shoreline Inventory and Characterization Report* consistent with WAC 173-26-201. The report will include maps that provide an analysis of the inventory data, ecosystem characterization and shoreline functions, shoreline use and public access findings as they relate to development of an effective SMP. The report will present findings and recommendations in a way that is useful for making SMP planning decisions. This report will provide a foundation for establishing shoreline goals, policies, environment designations, policies and implementing regulations designed to achieve no net loss of ecological functions necessary to support shoreline resources and to plan for the restoration of the ecosystem-wide processes and individual ecological functions on a comprehensive basis over time. The report will identify any significant data gaps, focusing on information that would be useful to support shoreline program development and implementation. The report will:

- Present the geographic and jurisdictional context for the SMP update.
- Characterize ecosystem processes and functions.
- Present reach level analysis information. Detailed information on shoreline reaches will identify opportunities and constraints in:
 - Protecting intact and restoring degraded ecological processes and functions.
 - Addressing the requirements for shorelines of statewide significance per WAC 173-26-251.
 - Providing public access.
 - Accommodating appropriate water-oriented uses.
- Identify potential use conflicts to inform environment designation and allowed use decisions.
- Develop shoreline management measures for protection and restoration of ecological functions, SMP policies, regulations, and environment designations based on the findings of the inventory and characterization. (For example, recommendations may include appropriate land use activities or environment designations, regulations, development standards, restoration and protection actions and strategies.)
- Organize relevant data for efficient review and use in the cumulative impact analysis.

The characterization of shoreline ecological processes will:

- Identify and document ecological functions and values of shorelines.
- Identify ecosystem-wide processes and develop a coarse scale description of the primary driving “processes” that influence shoreline bio-physical conditions.

- Determine the relationship of ecosystem-wide processes to ecological functions and develop a more detailed reach-scale analysis of ecological functions within shoreline jurisdiction.
- Identify opportunities for shoreline protection and restoration.
- Identify current and potential public access sites.
- Analyze shoreline use.
- Identify measures and actions to protect and restore shoreline functions and ecosystem wide processes (e.g. appropriate land use activities or environment designations, regulations, development standards, etc.).

The shoreline analysis will occur at two scales: 1) ecosystem-wide processes of the watershed area that influences the shoreline jurisdiction; and 2) shorelines reach scale, as follows:

Characterization of Ecosystem-wide Processes. This characterization will include a coarse-scale analysis of the broader area that influences the shoreline jurisdiction. It will include a narrative with reference to maps that describes and illustrates the processes in the larger watershed area that are linked to the shoreline through hydrologic flows. These processes include the uptake, transport and deposition of sediment, nutrients, woody debris, and pollutants. Specifically, this characterization will:

- Present the geographic context for shoreline jurisdiction areas –with geology, soils, topography, vegetation, and drainage patterns of the watersheds. Describe how these large scale upland areas relate to and affect the shoreline. Review existing regional watershed or natural resource related plans for inclusion of relevant information.
- Identify areas throughout the watersheds, or, within and beyond shoreline jurisdiction, that are important to maintaining shoreline ecological functions (e.g. wetlands, forest cover, floodplains, higher permeability deposits, discharge, organic/clay soils, etc.).
- Identify areas that are key impairments (e.g. forest clearing, impervious cover, channelized streams, altered wetlands, roads and ditches, dams/diversions, groundwater withdrawals, and listed impairments such as those published in the 303(d) list.
- Identify opportunities for protection/restoration of upland and adjacent areas essential for maintaining shoreline processes and function.

Shoreline Reach Delineation and Characterization. This characterization will be a more detailed analysis of the shoreline jurisdiction that includes a narrative with reference to maps and data at the shoreline reach level. ONRC will consult with Clallam County and technical advisors to identify and delineate shoreline reaches for characterization. Shoreline reaches for inventory and characterization will be based on land use and ecological processes (such as man-made physical features, stream confluences). Functions that are associated with each shoreline reach will be described. Specifically, this characterization will:

- Detail the physical, biological, and land-use components within the shoreline jurisdiction.

- Evaluate and assess shoreline ecological function using current scientific understanding of the relationship between the conditions of ecosystem-wide processes and functions within shoreline jurisdiction. Identify functions that are healthy, functions that are adversely impacted and functions that may have existed and are now missing.

ONRC will also conduct a shoreline use analysis, including analysis of opportunities for public access. This analysis will:

- Identify current patterns of land uses in shoreline areas.
- Identify likely or projected uses in shoreline areas.
- As applicable, analyze potential use conflicts and identify possible adverse impacts those could have on current ecological functions.
- Estimate future demand for shoreline space consistent with WAC 173-26-201(3)(d)(ii) requirements.
- Identify opportunities and demand for SMA preferred uses and potential use conflicts based on current use patterns and projected trends.
- Identify current public access sites and opportunities for future access sites.

Clallam County Responsibilities

Clallam County in consultation with ONRC will provide the following services to support preparation of the draft and final *WRIA 20 Shoreline Inventory and Characterization Report*:

1. Prepare jurisdictional map and create GIS layer of Shorelines of the State subject to the local SMP update for WRIA 20. *[Timeline: April]*
2. Facilitate and consult with WRIA 20 Technical/Policy Advisory Committee(s), Ecology, Tribes, state and federal agencies, and others to collect and obtain input on available data, and relevant planning and scientific reports. *[Timeline: April-May 2010]*
3. Finalize draft list of GIS data layers and draft list and copies (digital or paper) of watershed inventory/characterization data from WRIA 20 planning efforts, floodplain management, natural hazard plans, salmon recovery planning efforts and other know plans and studies that contain shoreline inventory and characterization data. *[Timeline: April-May 2010]*
4. Prepare shoreline inventory data layers and maps including, but not limited to:
 - Shorelines of the State (streams >20 cfs mean annual flow, lakes >20 acres, and shorelands) as defined in RCW 90.58.030, located in WRIA 20 and in Clallam County's jurisdiction.
 - General location of channel migration zones, floodplains, and the floodway.
 - Critical areas, including wetlands, aquifer recharge areas, fish and wildlife conservation areas, geologically hazardous areas, and frequently flooded areas, as defined in RCW 36.70A, the Growth Management Act.
 - Shoreline and adjacent land use patterns/density, transportation and utility facilities, land cover, and known modifications within shoreline jurisdiction.

- Existing and potential shoreline public access sites, including public rights-of-way and utility corridors. The inventory will include descriptions of recorded public access easements, their prescribed use, maintenance and terms.
 - Cultural, archaeological and historic resources. *(Note: County may be contracting this work to City of Port Angeles Archaeologist)*
[Timeline: April - May 2010]
5. Prepare maps at the watershed scale that describe and illustrate the processes in the larger watershed area that are linked to the shoreline through hydrologic flows.
[Timeline: Working Maps: May – June 2010; Final Draft Maps: July – November 2010]
 6. Prepare maps at the shoreline reach scale that clearly differentiates the land and water contained within SMA jurisdiction from adjacent lands and contributing drainages and present the significant geologic, hydrologic, and ecological features that contribute to maintaining shoreline form and function and those land uses that may have altered upland processes influencing shoreline function. The reach scale maps also will indicate applicable inventory features such as known presence of listed species, critical riparian or aquatic vegetation, existing land uses, designated critical areas, shoreline modifications, and public access. *[Timeline: Working Maps: May – June 2010; Final Draft Maps: July – November 2010]*
 7. Provide all GIS analysis and mapping support for shoreline inventory and characterization efforts.
 8. Prepare the preliminary and final draft *WRIA 20 Shoreline Inventory and Characterization Report* maps and supporting data.
 9. Circulate preliminary and final drafts of the *WRIA 20 Shoreline Inventory and Characterization Report* for comment. *[Timeline: Concurrent with completion of Reports]*
 10. Print and bind reports; post materials to web site; distribute to email list, prepare and distribute press releases, and submit materials to North Olympic libraries project file.
[Timeline: Concurrent with completion of draft Reports]

Deliverables:

1. Prepare a Preliminary Draft *WRIA 20 Shoreline Inventory and Characterization Report* (electronic copy and one hard copy). *[Deadline: July 2010]*
2. Facilitate and consult with *WRIA 20 Technical/Policy Advisory Committee(s)* on Preliminary Draft *WRIA 20 Shoreline Inventory and Characterization Report*.
3. Prepare Final Draft *WRIA Shoreline Inventory and Characterization Report* (electronic copy and one hard copy). *[Deadline: December 2010]*

4. Provide record of any ONRC public outreach and consultations related to WRIA 20 Shoreline Inventory and Characterization Report preparation. .
5. Provide record of public comments (oral, public) received and any response to comments.

RESTORATION PLAN

Restoration priorities within adopted watershed, salmon recovery, and floodplain management plans will be identified and documented. Organizations conducting restoration work for assistance in developing restoration strategies will be consulted. Implemented and planned restoration projects within the shoreline jurisdiction will be documented in consultation with North Pacific Coast Lead Entity, Indian Tribes, North Olympic Land Trust, and other agencies and organizations involved with restoration projects. Results of this effort will be compiled for the WRIA 20 section of the *Preliminary Restoration Planning Report*, a County-wide document that will be utilized to guide development of the Preliminary Draft SMP.

Consistent with principle WAC 173-26-186 (8) (c) and WAC 173-26-201 (2) (f), the WRIA 20 restoration plan will:

- Identify degraded areas, impaired ecological functions, and sites with potential for ecological restoration.
- Set goals and priorities for restoration of degraded areas and impaired ecological functions.
- Describe existing and ongoing restoration projects and programs.
- List additional projects needed to achieve restoration goals and implementation strategies.
- Identify prospective funding.
- Set times and benchmarks for achieving restoration goals.
- Recommend mechanisms to ensure that restoration projects and programs will be implemented.

The restoration plan may identify overlaps in how and where restoration work is being conducted. An implementation strategy may include recommendations for coordination between groups doing restoration work. A list of specific prioritized restoration projects may be included as an appendix to the SMP.

Following review and based on the *Preliminary Restoration Planning Report* and *Shoreline Inventory and Characterization Report*, develop the WRIA 20 section text for restoration of impaired ecological functions in specific shoreline reaches. Restoration planning will be designed to achieve overall improvements in shoreline ecological functions over time, when compared to the status upon adoption of the master program.

The restoration plan may identify overlaps in how and where restoration work is being conducted. An implementation strategy may include recommendations for coordination

between groups doing restoration work. A list of specific prioritized restoration projects may be included as an appendix to the SMP.

Deliverables

1. Prepare a WRIA 20 Preliminary Restoration Planning Report (electronic copy and one hard copy). *[Deadline: July 2010]*
2. Prepare final draft WRIA 20 Restoration Plan (include electronic copy and one hard copy). *[Deadline: January 2011]*
3. Provide record of any ONRC public outreach and consultations related to WRIA 20 restoration planning.
4. Provide record of public comments (oral, public) received and any response to comments.

PRELIMINARY SHORELINE MASTER PROGRAM ELEMENTS

This project phase is to evaluate and develop concepts, recommendations, and strategies to guide and support updates to the Clallam County Shoreline Master Program consistent with state shoreline master program guidelines. This effort will consider: (1) Clallam County Shoreline Master Program; (2) Clallam County Comprehensive Plan Land Use and Zoning Map and related policies and standards; (3) WRIA 20 Shoreline Inventory and Characterization; and (4) WRIA 20 Regional Visioning Report and other public input.

Specific project tasks will include:

1. Define update issues (e.g., issue statements) and opportunities.
2. Explain the need for specific update recommendations (e.g., shoreline use changes, new shoreline environmental designations, etc...).
3. Identify both similarities and differences between existing SMP and update recommendations.
4. Identify and consider alternative strategies and recommendations
5. Assist stakeholders to conceptualize and visualize affect of update recommendation and strategies.
6. Prepare preliminary draft shoreline goals and policies that are applicable throughout the WRIA 20 shoreline jurisdiction.
7. Identify and map preliminary draft shoreline environmental designations based on determining areas with similar ecological conditions or uses and apply appropriate shoreline environmental designations. Shoreline environment designations may comprise of those recommended in the guidelines; the existing County SMP; unique, locally developed environments; or any combination of these, so long as they are consistent with WAC 173-26-211 environment designation criteria. Document and report rationale and justification for proposed shoreline designations.

8. Develop preliminary regulatory framework for achieving identified goals, policies, and environmental designations consistent with the applicable principles and standards contained General Master Program Provisions (WAC 173-26-221), Shoreline Modifications (WAC 173-26-231), Shoreline Uses (WAC 173-26-241), and Shorelines of Statewide Significance (WAC 173-26-251).

ONRC will consult and facilitate input from the WRIA 20 Technical/Policy Advisory Committees on the above tasks. Clallam County will provide mapping and GIS analysis support for the above tasks.

Deliverables

1. Prepare WRIA 20 Preliminary Shoreline Master Program elements that incorporate and address the above eight tasks. *{Deadline, April 2011}*
2. Provide record of any ONRC public outreach and consultations related to WRIA 20 preliminary shoreline master program element development.
3. Provide record of public comments (oral, public) received and any response to comments related to preliminary shoreline master program element development.

Budget

Salaries

| | |
|---|---------------------|
| John Calhoun (1.5 Months @ \$8,436/mo) | \$ 12,654.00 |
| Miranda Wecker (2.3 Months @ \$5,390/mo) | \$ 12,397.00 |
| Theresa Santman (1.4 Months @ \$3,856/mo) | \$ 5,398.40 |
| Total Salaries: | \$ 30,449.40 |

Benefits

| | |
|------------------------|--------------------|
| John Calhoun 29.3% | \$ 3,707.62 |
| Miranda Wecker 29.3% | \$ 3,632.32 |
| Theresa Santman 38.3% | \$ 2,067.59 |
| Total Benefits: | \$ 9,407.53 |

Total Direct Cost Total: \$ 39,856.93

Indirect Cost 26% \$ 10,362.80

Project Total: \$ 50,219.73