

AMENDMENT 1 to INTERLOCAL AGREEMENT
between CLALLAM COUNTY ENVIRONMENTAL HEALTH SERVICES and
JAMESTOWN S'KLALLAM TRIBE

In partial fulfillment of EPA Dungeness River Targeted Watershed Grant #WS97098101
 (Effective dates of ORIGINAL AGREEMENT (500-05-TWIG): January 1, 2005 - September 30, 2007)

In accordance with Exhibit "A" *Clause 12. AGREEMENT ALTERATIONS AND AMENDMENTS* in the ORIGINAL INTERLOCAL AGREEMENT, the AGREEMENT is hereby amended as follows:

POINTS OF CONTACT

Liz Maier, Environmental Health Specialist II – Water Quality, replaces Valerie Streeter as the Contact Person for Clallam County Health and Human Services Environmental Health Services. Phone: (360) 417-2543; E-mail: emaier@co.clallam.wa.us

Shawn Hines, Watershed Planner, is the Contact Person (Project Manager) for the Jamestown S'Klallam Tribe. Phone: (360)681-4664; E-mail: shines@jamestowntribe.org

Hansi Hals, Environmental Planning Manager, replaces Lyn Muench as a second Contact Person for the Jamestown S'Klallam Tribe. Phone: (360) 681-4601; E-mail: hhals@jamestowntribe.org

EXHIBIT "A" SPECIAL TERMS & CONDITIONS

CLAUSE 2. COMPENSATION AND DURATION OF CONTRACT

As the Jamestown S'Klallam Tribe was granted a one year extension (*Attachment A to this Amendment*) from EPA to fulfill all grant tasks in a sequence that accomplishes the goals described in the Dungeness River Watershed Final Work Plan (ATTACHMENT I to the ORIGINAL AGREEMENT), the effective dates of the ORIGINAL AGREEMENT are adjusted to the following:

January 1, 2005 – September 30, 2008. Task timelines are modified according to the extension request letter from the TRIBE to EPA (*Attachment B to this Amendment*) and the approved Addendum to Quality Assurance Project Plan Bacterial/Nutrient/Flow Effectiveness Monitoring in the Clean Water District (June 2007; *Attachment C to this Amendment*).

ATTACHMENT II. SCOPE OF WORK AND BUDGET

Task 3: Effectiveness Monitoring

Activity and Timeline:

Clallam County commits to funding fecal coliform lab sample analyses (for measuring effectiveness of the Task 2 innovative BMP projects and demonstrations described in the Dungeness River Watershed Final Work Plan and Approved QAPP Addendum (June 2007) for Bacterial/Nutrient/Flow Effectiveness Monitoring) through January 2008. In total, Clallam County will pay for up to 1,700 tests for fecal coliform bacteria in water samples collected from August 2005 through January 2008.

Although Clallam County's Water Quality Planner (now Environmental Health Specialist II – Water Quality) will continue to participate in the planning, monitoring and analysis of the Effectiveness Study (including input on planning monitoring times, taking water samples, and reviewing data for quality assurance as described in ATTACHMENT II of the ORIGINAL AGREEMENT), the County's Water Quality Planner is no longer responsible for applying statistical tests.

Aside from these clarifications and changes, there are no other modifications to the Scope of Work and Budget in the ORIGINAL AGREEMENT.

Except as modified herein, all terms of the ORIGINAL AGREEMENT entered into on February 22, 2005 shall remain in full force and effect.

Attachments to this Amendment include:

- Attachment A: U.S. EPA Amendment (granting one year no-cost extension of TWG grant)
 - Attachment B: Tribal Letters of Request to EPA for one-year TWG Extension (dated August 2, 2006 and October 20, 2006)
 - Attachment C: Addendum to Quality Assurance Project Plan Bacterial/Nutrient/Flow Effectiveness Monitoring in the Clean Water District (June 2007)
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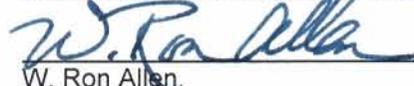
IN WITNESS WHEREOF, the parties have executed this AMENDED AGREEMENT on this 28th day of August 2007.

BOARD OF CLALLAM COUNTY COMMISSIONERS:



Stephen P. Tharinger, Chair

JAMESTOWN S'KLALLAM TRIBE:



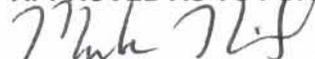
W. Ron Allen,
Tribal Chairman/Executive Director

ATTEST:



Trish Holden, CMC, Clerk of the Board

APPROVED AS TO FORM:



Mark Nichols, Prosecuting Attorney

	U.S. ENVIRONMENTAL PROTECTION AGENCY Assistance Amendment	ASSISTANCE ID NO.			DATE OF AWARD 02/02/2007
		PRG	DOC ID	AMEND#	
		WS - 97098101 - 2			
		TYPE OF ACTION No Cost Amendment			MAILING DATE 02/02/2007
PAYMENT METHOD:			ACH# X0203		
RECIPIENT TYPE: Indian Tribe		Send Payment Request to: Las Vegas Finance Center FAX # 702-798-2423			
RECIPIENT: Jamestown S'Klallam Tribe 1033 Old Blyn Highway Sequim, WA 98382 EIN: 91-0963298		PAYEE: Jamestown S'Klallam Tribe 1033 Old Blyn Highway Sequim, WA 98382			
PROJECT MANAGER Shawn Hines 1033 Old Blyn Highway Sequim, WA 98382 E-Mail: shines@jamestowntribe.org Phone: 360-681-4664		EPA PROJECT OFFICER Bevin Reid 1200 Sixth Avenue, OWW-137 Seattle, WA 98101 E-Mail: Reid.Bevin@epamail.epa.gov Phone: 206-553-1566		EPA GRANT SPECIALIST Michael Adler 1200 Sixth Avenue, OMP-145 Seattle, WA 98101 E-Mail: Adler.Michael@epa.gov Phone: 206-553-2952	
PROJECT TITLE AND EXPLANATION OF CHANGES Dungeness Watershed Initiative This no-cost amendment extends the agreement to September 30, 2008 to enable the recipient to complete certain tasks that had been delayed due to unforeseen obstacles, such as having to find a project site different from the one originally identified. The issues have now been resolved, and the project is ready to proceed in a sequence that accomplishes the goals set down in the Work Plan. The amendment also revises several Administrative Conditions, adds one on a Drug-Free Workplace, and adds a new Programmatic Condition on Copyright.					
BUDGET PERIOD 10/01/2004 - 09/30/2008		PROJECT PERIOD 10/01/2004 - 09/30/2008		TOTAL BUDGET PERIOD COST \$1,543,460.00	TOTAL PROJECT PERIOD COST \$1,543,460.00
NOTICE OF AWARD					
Based on your application dated 09/16/2004, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards \$0. EPA agrees to cost-share 63.75% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$984,031. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.					
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)			AWARD APPROVAL OFFICE		
ORGANIZATION / ADDRESS EPA Region 10 Mail Code: OMP-145 1200 Sixth Avenue Seattle, WA 98101			ORGANIZATION / ADDRESS U.S. EPA, Region 10 Office of Water and Watersheds 1200 Sixth Avenue Seattle, WA 98101		
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY					
SIGNATURE OF AWARD OFFICIAL Digital signature applied by EPA Award Official		TYPED NAME AND TITLE Michael Adler, EPA Grants Specialist		DATE 02/02/2007	
AFFIRMATION OF AWARD					
BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION					
SIGNATURE 		TYPED NAME AND TITLE W. Ron Allen, Executive Director		DATE 2/16/07	

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 984,031	\$ 0	\$ 984,031
EPA In-Kind Amount	\$ 0	\$	\$ 0
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 0	\$	\$ 0
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 559,429	\$ 0	\$ 559,429
Allowable Project Cost	\$ 1,543,460	\$ 0	\$ 1,543,460

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.439 - Targeted Watershed Initiative	Clean Water Act: Sec. 104(b)(3) Consolidated Appropriations Act of 2005 (PL 108-447)	40 CFR PART 31

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation

Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$25,326
2. Fringe Benefits	\$8,864
3. Travel	\$0
4. Equipment	\$0
5. Supplies	\$12,013
6. Contractual	\$0
7. Construction	\$0
8. Other	\$1,474,174
9. Total Direct Charges	\$1,520,377
10. Indirect Costs: % Base	\$23,083
11. Total (Share: Recipient <u>36.25</u> % Federal <u>63.75</u> %.)	\$1,543,460
12. Total Approved Assistance Amount	\$984,031
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$0
15. Total EPA Amount Awarded To Date	\$984,031

Administrative Conditions

Administrative Condition #1 is hereby revised to read:

1. Payment Information

All recipients must be enrolled to receive funds electronically via the EPA-EFT Payment Process. This electronic funds transfer process was initiated by EPA in response to the Debt Collection Improvement Act of 1996, P.L. 104-134 that requires all federal payments be made via Direct Deposit/Electronic Funds Transfer(DD/EFT). By signing the assistance agreement you are agreeing to receive payment electronically.

In order to receive payments electronically, the ACH Vendor/ Miscellaneous Payment Enrollment Form (SF3881) must be completed and faxed to Marge Pumphrey at (702) 798-2423.

After reviewing and processing the SF3881, the Las Vegas Finance Center (LVFC) will send you a letter assigning you an EFT Control Number, an EPA-EFT Recipient's Manual, and the necessary forms for requesting funds and reporting purposes.

If you need further assistance regarding enrollment, please contact Marge Pumphrey at (702) 798-2492 or by e-mail to: pumphrey.margaret@epa.gov.

Any recipient currently using the Automated Standard Application for Payments (ASAP) system with another government agency should contact Marge Pumphrey at (702) 798-2492 or e-mail to: pumphrey.margaret@epa.gov.

Under any of the above payment mechanisms, recipients may request/draw down advances for their immediate cash needs, provided the recipient meets the requirements of 40 CFR 30.22(b) or 40 CFR 31.21(c), as applicable. Additionally, recipients must liquidate all obligations incurred within 90 calendar days of the project period end date. Therefore, recipients must submit the final request for payment, and refund to EPA any balance of unobligated cash advanced within 90 calendar days after the end of the project period.

Administrative Condition #3 is hereby revised to read:

3. Financial Status Reports (FSRs) and Federal Cash Transactions Reports

INTERIM FSR

If the budget period is longer than one year, or if the agreement is revised to extend the budget period beyond one year, the recipient must submit an annual FSR within 90 days after the end of each anniversary of the agreement. **The interim report may be faxed to (206) 553-4957 or mailed to:**

US Environmental Protection Agency
Grants Administration Unit
1200 Sixth Avenue, OMP-145
Seattle, WA 98101

For agreements with multiple budget activities, separate FSRs must be provided for each of the activities, sites, or budgets, as applicable.

FINAL FSR

The Financial Status Report (FSR), Standard Form 269A (or Standard Form 269 if program income is generated), for this award is due to EPA no later than 90 days after the budget period expires.

FEDERAL CASH TRANSACTIONS REPORTS

The recipient will provide timely reporting of cash disbursements and balances through semi-annual submission (within fifteen (15) days after June 30 and December 31 of each calendar year) of a Federal Cash Transactions Report (SF-272).

The Final FSR and Federal Cash Transactions Reports may be faxed to (702) 798-2423 or mailed to:

US Environmental Protection Agency
Las Vegas Finance Center
P.O. Box 98515
Las Vegas, NV 89193-8515

For additional information, please contact Marge Pumphrey at (702) 798-2492 or email: Pumphrey.Margaret@epa.gov.

EPA may take enforcement actions in accordance with 40 CFR 30.62 or 40 CFR 31.43 if the recipient does not comply with this term and condition.

Administrative Condition #5 is hereby revised to read:

5. Hotel-Motel Fire Safety Act

Pursuant to 40 CFR 30.18, if applicable, and 15 USC 2225a, the recipient agrees to ensure that all space for conferences, meetings, conventions, or training seminars funded in whole or in part with federal funds complies with the protection and control guidelines of the Hotel and Motel Fire Safety Act (PL 101-391, as amended). Recipients may search the Hotel-Motel National Master List at <http://www.usfa.dhs.gov/applications/hotel> to see if a property is in compliance (FEMA ID is currently not required), or to find other information about the Act.

Administrative Condition #10 is hereby revised to read:

10. Small and Disadvantaged Business Utilization Requirements (Indian Tribes)

The recipient agrees to follow the six affirmative steps stated in 40 CFR 31.36(e), 35.3145(d) or 35.6580, as appropriate, and to require its prime contractor to follow these affirmative steps if it awards subcontracts; the recipient also agrees to retain records documenting compliance.

The six affirmative steps contained in 40 CFR 31.36(e) are as follows:

- (a) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
- (b) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
- (c) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- (d) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;
- (e) Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and
- (f) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed above.

The recipient agrees to submit an EPA form 5700-52A, "MBE/WBE Utilization Under Federal Grants, Cooperative Agreements and Interagency Agreements" as follows:

For grants awarded under 40 CFR Part 35, Subpart B (refer to the Regulatory Authority box shown in the middle of Page 2 of the Assistance Agreement/Amendment), reports are due annually by October 30 of each year (covers the Federal Fiscal Year October 1 - September 30).

Grants awarded under any other Regulatory Authority are due Quarterly. These reports are due beginning with the Federal Fiscal Year quarter the recipient receives the award and continuing until the project period ends. These reports must be submitted within 30 days of the end of the Federal Fiscal Quarter (due dates are January 30, April 30, July 30, and October 30).

All reports must be submitted to the EPA Region 10, Grants Administration Unit, OMP-145, 1200 Sixth Avenue, Seattle, WA 98101. For further information, please contact Valerie Badon at (206) 553-1141, email: Badon.Valerie@epa.gov.

In accordance with Section 129 of Public Law 100-590, the Small Business Administration and Reauthorization and Amendment Act of 1988, the recipient agrees to utilize and to encourage any prime contractors under the assistance agreement to utilize small businesses located in rural areas to the maximum extent possible through the use of the six affirmative steps.

EPA may take corrective action under 40 CFR Parts 30, 31, and 35, as appropriate, if the recipient fails to comply with these term and conditions.

The following new Administrative Condition (#14) is added:

14. Drug-Free Workplace Certification for all EPA Recipients

The recipient organization of this EPA assistance agreement must make an ongoing, good faith effort to maintain a drug-free workplace pursuant to the specific requirements set forth in Title 40 CFR 36.200 - 36.230. Additionally, in accordance with these regulations, the recipient organization must identify all known workplaces under its federal awards, and keep this information on file during the performance of the award.

Those recipients who are individuals must comply with the drug-free provisions set forth in Title 40 CFR 36.300.

The consequences for violating this condition are detailed under Title 40 CFR 36.510. Recipients can access the Code of Federal Regulations (CFR) Title 40 Part 36 at http://www.access.gpo.gov/nara/cfr/waisidx_06/40cfr36_06.html.

All Other Administrative Conditions Remain the Same.

Programmatic Conditions

The following new Programmatic Condition is added:

7. Copyrighted Material

In accordance with 40 CFR 31.34 for State, local and Indian Tribal governments or 40 CFR 30.36 for other recipients, EPA has the right to reproduce, publish, use, and authorize others to use copyrighted works or other data developed under this assistance agreement for Federal purposes.

Examples of a Federal purpose include but are not limited to: (1) Use by EPA and other Federal employees for official Government purposes; (2) Use by Federal contractors performing specific tasks for the Government; (3) Publication in EPA documents provided the document does not disclose trade secrets (e.g. software codes) and the work is properly attributed to the recipient through citation or otherwise; (4) Reproduction of documents for inclusion in Federal depositories; (5) Use by State, tribal and local governments that carry out delegated Federal environmental programs as "co-regulators" or act as

official partners with EPA to carry out a national environmental program within their jurisdiction and; (6) Limited use by other grantees to carry out Federal grants provided the use is consistent with the terms of EPA's authorization to the other grantee to use the copyrighted works or other data.

Under Item 6, the grantee acknowledges that EPA may authorize another grantee(s) to use the copyrighted works or other data developed under this grant as a result of:

- a. the selection of another grantee by EPA to perform a project that will involve the use of the copyrighted works or other data or;
- b. termination or expiration of this agreement.

In addition, EPA may authorize another grantee to use copyrighted works or other data developed with Agency funds provided under this grant to perform another grant when such use promotes efficient and effective use of Federal grant funds.

All Other Programmatic Conditions Remain the Same.

*****End of Assistance Agreement WS 97098101-2*****



JAMESTOWN S'KLALLAM TRIBE

1033 Old Blyn Highway, Sequim, WA 98382

360/683-1109

FAX 360/681-4643

Bevin Reid
US EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101

August 2, 2006

RE: Dungeness Targeted Watershed Grant (EPA Grant #WS-97098101) - Request for Extension

Dear Bevin:

This letter serves as a formal request for a one-year extension of our Targeted Watershed Grant (TWG), for an end date of September 30, 2008 instead of September 30, 2007. As we discussed over the phone last month, the original timeline for some of our tasks has been set back due to several delays. For example, sample collection for our Microbial Source Tracking Study (Task 1) was delayed, in part, as a result of delays during the QAPP preparation and approval process. We have also experienced complications and delays with our Mycoremediation project (Task 2a), beginning with having to locate a new project site. Other obstacles are described in our quarterly reports. We have resolved the issues, but they have nevertheless caused setbacks in our proposed timeline.

An extension of one year would allow us to fulfill the tasks in a sequence that accomplishes the goals laid out in our Work Plan. An extension will also allow for a better Effectiveness Monitoring Study evaluation (Task 3), as we will have more data to incorporate.

We do not request additional funds. However, in addition to having a one-year extension to implement our Work Plan, we request that the deadline for spending the balance of our TWG funding also be extended to the new end date of September 30th, 2008.

We are excited about these projects, feel we are making substantial progress, and look forward to continue working with you. If you have any questions, please call me at 360-681-4631.

Sincerely,

Lyn Muench
Environmental Planning Manager



JAMESTOWN S'KLALLAM TRIBE

1033 Old Blyn Highway, Sequim, WA 98382

360/683-1109

FAX 360/681-4643

Bevin Reid
US EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101

October 20, 2006

RE: Follow-up to 08/02/06 letter on Dungeness Targeted Watershed Grant (EPA Grant #WS-97098101) - Request for Extension

Dear Bevin:

In response to our letter dated 09/02/06, you asked that we provide further detail on the timeline for a one year extension on our Targeted Watershed Grant. As mentioned previously, the original timeline has been set back due to several delays. The main factor on which we based our extension request is the timeline for our Effectiveness Monitoring Study. Here are additional timeline details for that task (Task 3). I have also included additional detail on Task 1 (MST), as we discussed over the phone.

Task 3, Effectiveness Monitoring Study:

- Our Task 3 QAPP requires sampling for 21 months. This incorporates approximately one year of baseline nutrient monitoring, and one year of post-BMP monitoring. Delays during the QAPP preparation and approval process pushed our timeline back by a few months. We then found out (March 2006) that the laboratory analyzing our nutrient samples had not been including TNP (total N and total P). Therefore, TNP lab analyses did not initiate until April 2006. This pushes our monitoring completion deadline back to January 2008, at a minimum. The Tribe's Centennial grant is covering the costs associated with the TNP analyses.
- We estimated that at least six months would be necessary for data analyses and preparation of final reports. This would require a ten-month extension of our original timeline (not allowing for any unforeseen circumstances). We feel a one-year extension on our overall grant would allow for a more complete Effectiveness Monitoring Study, and would ensure that we and our partners fulfill grant tasks in a sequence that accomplishes the goals laid out in our Work Plan and QAPP.

Task 1, Microbial Source Tracking Study:

- Our Task 1 QAPP requires each marine and freshwater MST site to be sampled ten times throughout the year. We began this sampling April 2006.
- The QAPP also requires collection of fecal source samples ("knowns") to occur for a full year, in order to capture seasonality of source species. Source sampling began last month

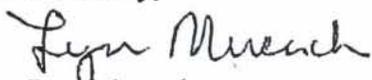
(delayed due to necessity of creating a DOH-approved safety plan), so we would not expect to complete it before September or October 2007.

- Source samples will be analyzed by Dr. Samadpour at the end of the year-long source sampling. We need to allow Dr. Samadpour several months to prepare a report, and then time for us (and our partners) to incorporate the results into our Effectiveness Monitoring Study. Because this ties in with the Effectiveness Study, this again translates to a minimum extension of ten months. A one-year extension would provide us with a safety margin.

Other delays have occurred within Task 2 (Innovative Best Management Practices Demonstrations). These and the above obstacles are outlined in our quarterly reports. I have attached the "Problems and Solutions Addendum" from our Y2Q3 Report for your reference.

I hope this helps clarify the adjusted timeline. We have all along leveraged other funding sources to help accomplish TWG tasks. We have secure funding to cover any additional costs this extension might incur. Please call me if you have further questions.

Sincerely,



Lyn Muench

Environmental Planning Manager

**Addendum to
Quality Assurance Project Plan
Bacterial/Nutrient/Flow
Effectiveness Monitoring in the Clean Water District**

EPA Targeted Watershed Program, WS-97098101
Dungeness River and Estuary
Task 3 Effectiveness Monitoring Study

Prepared for:

**U.S. EPA
1200 Sixth Avenue
Seattle, WA 98101**

Prepared by:

**Shawn Hines
Jamestown S'Klallam Tribe
1033 Old Blyn Highway
Sequim, WA 98382
June 2007**

Approval Page

Addendum to Quality Assurance Project Plan Bacterial/Nutrient/Flow Effectiveness Monitoring in the Clean Water District

Brian S.H. Reid 6/15/07

Brian Reid
U.S. Environmental Protection Agency

Roy Araki June 7, 2007

Roy Araki
U.S. Environmental Protection Agency

Shawn A. Hines 6/19/07

Shawn Hines
Jamestown S'Klallam Tribe

Hansi Hals 6/20/07

Lyn Muench or Hansi Hals
Jamestown S'Klallam Tribe

Dana Woodruff 6-20-07

Dana Woodruff
Battelle Marine Sciences Laboratory

Ann Isale for Liz Maier 6/20/07

Liz Maier
Clallam County

Joc Holtrop
Clallam Conservation District

Debby Sargent for Greg Combs 6/20/07

Gregg Combs
WA Department of Health

Project Objectives (taken from original QAPP (2005))

The goal of this study is to provide information to local, state and federal agencies and Tribes on the overall water quality conditions of the creeks in this study, the sources of pollution, the effectiveness of remediation, and the degree of success at meeting TMDL water clean-up goals and (with Task 4d of the Targeted Watershed project) improving in-stream flow.

Objectives:

- (1) Enhance baseline nutrient information with local samples of the freshwater inputs to Dungeness Bay (upper and lower watershed);
- (2) Characterize fecal coliform bacteria and nutrient concentrations for ambient and source identification monitoring;
- (3) Determine the effectiveness of remediation actions (Targeted Watershed Grant Tasks 2a-2d) based on bacterial and nutrient concentrations and in-stream flow improvement (reduction in necessary irrigation diversions), both at the local (site-specific) level and at the watershed level scale.

Addendum Organization

This Addendum addresses updates or modifications to the original Effectiveness Monitoring QAPP (2005) in the following sections/subsections, and as related to the Targeted Watershed Grant scope of work:

- I. Project Team Organization
 - Project Oversight and Grant Management
 - Field Selection and Sample Analysis
 - Data Analysis and Report Production
 - Overview of Task Responsibility by Entity
 - Contact Information
- II. Project Objectives and Study Design
 - Study Design, Sampling Sites and Monitoring Parameters
 - Study Design, Field Surveys
- III. Project Tasks / Schedule

The original QAPP document addresses all other required sections and subsections. The updates or modifications are shown in the table below, in addition to rationale and citations for the original section, page, sub-section and updated or additional text.

Attachments

This addendum includes the following attachments:

1. One Sample Alterations Form
2. *Revised Site Tables (October 2004 – Present) from Effectiveness Monitoring QAPP*
3. One Corrective Action Form

Original QAPP (2005)			QAPP Addendum (2007)		
Sec	Pg	Original Section/Subsection and/or Text	Update or Additional Text		Rationale for Update
I	4	Section: Project Team Organization Subsection: Project Oversight and Grant Management	Replace Valerie Streeter with Liz Maier Add Hansi Hals to Shawn Hines		Staffing changes at Clallam County Staffing changes at Jamestown S'Klallam Tribe
I	4	Section: Project Team Organization Subsection: Field Collection and Sample Analysis	Replace Valerie Streeter with Liz Maier		Staffing changes at Clallam County
I	4	Section: Project Team Organization Subsection: Data Analysis and Report Production	Replace Valerie Streeter with Liz Maier Replace Debbie Sargeant with Greg Combs Add Department of Ecology Technical Lead: Debbie Sargeant		Staffing changes at Clallam County Staffing changes at DOH Staffing changes at DOE
I	4	Section: Project Team Organization Subsection: Overview of Task Responsibility by Entity	Replace Valerie Streeter with Liz Maier Replace Debbie Sargeant with Greg Combs		Staffing changes at Clallam County Staffing changes at DOH
I	6	Section: Project Team Organization Subsection: Contact Information	Replace Valerie Streeter with: Liz Maier Clallam County 223 E. 4 th Street, Suite 5 Port Angeles, WA 98362 Tel (360) 417-2543 Fax (360) 417-2313 emaier@co.clallam.wa.us	Add: Hansi Hals Jamestown S'Klallam Tribe 1033 Old Blyn Hwy Sequim, WA 98382 Tel. (360) 681-4601 Fax (360) 681-4643 hhals@jamestowntribe.org	Staffing changes at Clallam County and Jamestown S'Klallam Tribe
IV	16	Section: Project Objectives and Study Design Subsection: Study Design Subsection: Sampling Sites and Monitoring Parameters Original Text: The following figures 1 through 5 show the sampling stations. Tables (Tables 1 through 5) give a site name, description, rationale for choosing it, and monitoring parameters.	Text Update: The following figures 1 through 5 show the current sampling stations. Tables (1 through 5) provide the station name, description, rationale for choosing it, monitoring parameters, and date/rationale for any needed modification to the station location. Criteria for modifying or inactivating a		Provide additional details and flexibility on site selection and/or potential site location modifications during study. <i>*See Attached Sample Alterations Form for additional explanation.</i>

Original QAPP (2005)			QAPP Addendum (2007)	
Sec	Pg	Original Section/Subsection and/or Text	Update or Additional Text	Rationale for Update
			station may include: <ul style="list-style-type: none"> - If a landowner no longer grants permission to access the site, the site will not be sampled. We will attempt to address any concerns of the landowner to gain access or replace the site if feasible. - If a site becomes permanently dry due to irrigation ditch piping, the site will be inactivated. - If a site becomes inaccessible due to a physical barrier or geomorphological change (e.g. stream channel moves), the site will be inactivated. If feasible, a new site will be located as close to the original site as possible. - If preliminary data review suggests a site meets water quality standards for an extended period of time, the site may be inactivated. 	
IV	21-25	Section: Project Objectives and Study Design Subsection: Study Design Subsection: Sampling Sites and Monitoring Parameters	Replace Tables 1-5 with <i>Updated Monitoring Tables (October 2004 to Present) from Effectiveness Monitoring QAPP(see attached)</i> .	Update monitoring station list, locations, and rationale for any needed modifications to site locations thus far.
	25	Section: Project Objectives and Study Design Subsection: Study Design Subsection: Field Surveys Original Text: Sampling will begin upon approval of this QAPP. Monitoring will continue through March 2007.	Text Update: Sampling will begin upon approval of this QAPP amendment. Monitoring will continue through at least January 2008.	Modified timeline to reflect approved grant extension.
	25	Section: Project Objectives and Study Design Subsection: Study Design Subsection: Field Surveys Original Text: At least 3 storm events will be sampled in addition to the regular monthly monitoring. All upstream and downstream stations of BMP sites will be sampled during storm events.	Text Update: At least three storm events during the grant period will be sampled in addition to the regular monthly monitoring. Sites monitored during storm events will be a subset of the sites monitored monthly, bracketing a subset of BMPs and selected by a technical subcommittee after	Clarify that the storm event sample sites are a subset of the monitoring stations.

Original QAPP (2005)			QAPP Addendum (2007)	
Sec	Pg	Original Section/Subsection and/or Text	Update or Additional Text	Rationale for Update
			reviewing preliminary results and determining logistics (e.g. equipment and volunteer availability, etc.).	
V.	26	<p>Project Tasks/Schedule</p> <p>Original Text:</p> <ol style="list-style-type: none"> 1. Coordinate between different entities in the timing and location of BMPs and review existing data. (Jan – Mar 2005) 2. Develop QAPP, submit, approval received (Apr-Jul 2005) 3. Conduct bacterial and nutrient monitoring gat sampling stations. (Jul 2005 – Mar 2007) 4. Analysis of bacteria and nutrient data to determine BMP effectiveness, trend analysis and compliance with State water quality standards and TMDL goals. (Apr – Dec 2007) 5. Data entry into EIM. (Apr – Dec 2007) 6. Prepare final report. (Oct – Dec 2007) 	<p>Updated Text:</p> <ol style="list-style-type: none"> 1. Coordinate between different entities in the timing and location of BMPs and review existing data. (Jan – Mar 2005) 2. Develop QAPP, submit, approval received (Apr-Sept 2005) 3. Conduct bacterial and nutrient monitoring gat sampling stations. (Aug 2005 – Jan 2008) 4. Analysis of bacteria and nutrient data to determine BMP effectiveness, trend analysis and compliance with State water quality standards and TMDL goals. (Feb 2008 – Oct 2008) 5. Data entry into EIM. (Mar – Aug 2008) 6. Data entry into STORET. (by Sep 2008) 7. Prepare final report. (Jul – Sep 2008) 	<p>Modify tasks schedule to reflect approved grant extension. Please see Quarterly Reports (Problems and Solutions Addendum) and grant extension letter of request for further details.</p>