

KEY CONTACTS

AUTHORIZED REPRESENTATIVE - This is the individual who has the authority to sign the Application for Federal Assistance (SF-424) and execute the Agreement on behalf of the applicant.

NAME: Bobby Whitener
TITLE: Executive Director
TELEPHONE #: (360) 426-9781 FAX#: (360) 426-6577

PROGRAM/PROJECT MANAGER - This is the individual who is responsible for the management of the project for the applicant.

NAME: JEFF Dickison
TITLE: Environmental Director
TELEPHONE #: (360) 426-9783 FAX#: (360) 426-3971

FINANCIAL REPRESENTATIVE - This is the individual who has been assigned responsibility for the maintenance of the accounting and financial management system for the applicant.

NAME: Julie Goodwin
TITLE: Contract Compliance Coordinator
TELEPHONE #: (360) 426-9781 FAX#: (360) 426-6577

PAYEE ADDRESS - If different than recipient address:

NAME: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

**APPLICATION FOR
FEDERAL ASSISTANCE**

2. DATE SUBMITTED <i>May 13, 1998</i>	Applicant Identifier
3. DATE RECEIVED BY STATE	State Application Identifier
4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier <i>X-00572-01</i>

1. TYPE OF SUBMISSION
 Application Preapplication
 Construction Construction
 Non-Construction Non-Construction

5. APPLICANT INFORMATION

Legal Name: <i>Squaxin Island Tribe</i>	Organizational Unit: <i>Natural Resources Dept.</i>
Address (give city, county, state and zip code): <i>70 S.E. Squaxin Lane Mason County Shelton WA 98584</i>	Name and telephone number of the person to be contacted on matters involving this application (give area code): <i>JEFF Dickison (360) 426-9783</i>

6. EMPLOYER IDENTIFICATION NUMBER (EIN): <i>91-0922254</i>	7. TYPE OF APPLICANT: (Enter appropriate letter) <i>K</i>
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es): A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration E. Other (specify):	A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District H. Independent School District I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify):

10. Catalog of Federal Domestic Assistance Number: TITLE: <i>1998 WATER Pollution Control</i>	9. NAME OF FEDERAL AGENCY:
12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.): <i>Squaxin Island reservation waters and those waters influencing reservation waters from surrounding areas.</i>	11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: <i>monitoring and assessment of streams which pass through reservation lands</i>

13. PROPOSED PROJECT: Start Date: Ending Date:	14. CONGRESSIONAL DISTRICTS OF: a. Applicant: <i>6th Dist. - Norm Dicks</i> b. Project: <i>6th Dist.</i>
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15. ESTIMATED FUNDING:	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?
a. Federal \$ <i>55,000.00</i>	a. YES THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____
b. Applicant \$ <i>2,895.00</i>	b. NO _____ PROGRAM IS NOT COVERED BY E.Q.12372 _____ OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW
c. State \$ 00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? ____ Yes If "Yes" attach an explanation. ____ No
d. Local \$ 00	
e. Other \$ 00	
f. Program Income \$ 00	
g. TOTAL \$ <i>57,895.00</i>	

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DUL AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

a. Typed Name of Authorized Representative <i>Bobby Whitener</i>	b. Title <i>Executive Director</i>	c. Telephone Number <i>(360) 426-9781</i>
d. Signature of Authorized Representative <i>[Signature]</i>	e. Date Signed <i>5/13/98</i>	

PART III - BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program, Function or Activity (a)	Catalog of Federal Domestic Assistance No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		\$	\$	\$ 55,000	\$ 2,895	\$ 57,895
2.						
3.						
4.						
5. TOTALS		\$	\$	\$ 55,000	\$ 2,895	\$ 57,895

SECTION B - BUDGET CATEGORIES

6 Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1)	(2)	(3)	(4)	
a Personnel			24,690	1,505	26,195
b Fringe Benefits			7,407	452	7,859
c Travel			1,500		1,500
d Equipment					
e Supplies			3,590		3,590
f Contractual					
g Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)			37,187	1,957	39,144
j. Indirect Charges			17,813	938	18,751
k. TOTALS (sum of 6i and 6j)	\$	\$	\$ 55,000	\$ 2,895	\$ 57,895
7 Program Income	\$	\$	\$	\$	\$

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**** NOTE: SECTIONS D AND E ARE NOT REQUIRED ****

SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	\$ 2,852	\$	\$	\$ 2,852
9.				
10.				
11.				
12. TOTALS (Sum of lines 8 - 11)	\$ 2,852	\$	\$	\$ 2,852

SECTION D - FORECASTED CASH NEEDS					
13. Federal	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
		\$	\$	\$	\$
14 Non-Federal					
15. TOTAL (Sum of lines 13 - 14)	\$	\$	\$	\$	\$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$	\$	\$	\$
17.				
18.				
19.				
20. TOTALS (Sum of lines 16 - 19)	\$	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION (Attach Additional Sheets if Necessary)	
21. Direct Charges:	22. Indirect Charges:
23. Remarks	

E4

Budget Narrative

Personnel supported by salary items are a Water Resource Specialist at ½ time for one year and a Water Resource Technician to conduct sampling at 1/4 time for the year. These positions will be overseen by the Environmental Director at approximately .05 FTE. The Director's costs will be included as the Tribal matching share. Fringe is included at 30% of gross salary cost.

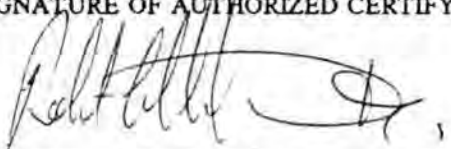
Travel is included to cover mileage costs for vehicle based transportation to deliver samples to water quality testing laboratories and for marine transportation (boat operating cost) for the marine water resource assessment.

Supplies and equipment include those items necessary for collecting water quality samples and monitoring equipment necessary for field water quality measurements.

BUDGET

	<u>Tribal Funds</u>	<u>106 Program</u>
Environmental Director	\$1,505	
Water Resource Specialist .5 FTE		\$18,462
Water Resource Technician .25 FTE		6,228
Fringe @ 30%	452	7,407
Travel		1,500
Supplies, Equipment		<u>3,590</u>
Subtotal	\$1,957	\$37,187
Indirect @ 47.9%	<u>938</u>	<u>17,813</u>
Total	\$2,895	\$55,000

10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Executive Director
APPLICANT ORGANIZATION Squaxin Island Tribe	DATE SUBMITTED 5/13/98

1998 Section 106 Water Pollution Control Programs
SQUAXIN ISLAND TRIBE
Scope of Work

The Squaxin Island Tribe proposes to address surface water and groundwater resources on the Tribe's reservation through monitoring of surface water quality, and an assessment of groundwater resources on and around the reservation lands. These waters are critical to the health and well being of Tribal members and the productivity of fish and shellfish resources which exist on the reservation or migrate through reservation waters. The 106 grant program will allow the Tribe to develop an integrated program targeted at protecting these waters from pollution sources, with consideration for how the Tribe wants to manage these resources in the future.

The Workplan will contain two distinct parts, outlined below:

- Monitoring of surface freshwater streams which pass through reservation lands; and
- An assessment of reservation water resources and future management alternatives.

Objective A. Monitoring The Tribe will continue and expand the monitoring system it has developed on two streams crossing reservation lands in Kamilche. Skookum Creek and one of its tributaries, Little Creek cross Tribal land near where the Tribe has pursued economic development activities. While no impacts from Tribal activities have been identified, water quality entering reservation land is impacted from upstream activities. Accordingly, we propose to expand our monitoring efforts to identify upstream sources and assure protection of downstream water quality.

1. Collect and analyze water quality parameters at the existing five sights on a quarterly basis. Prepare results for quarterly reports.
2. Expand sampling locations to include three additional sights along Little Creek and Skookum Creek. These sights are to be incorporated into existing sampling schedule.

Product: Time series water quality data for collection sites

Objective B. Initiate an Assessment of Reservation Water Resources to determine approach and strategy for future management actions. This assessment will include surface freshwater resources at multiple locations, groundwater resources at multiple locations, and marine water resources surrounding Squaxin Island.

1. Freshwater Assessment
 - a. Identify significant water resources on reservation lands
 - b. Assess current status and conditions of identified resources
 - c. Determine existing and potential threats to resources

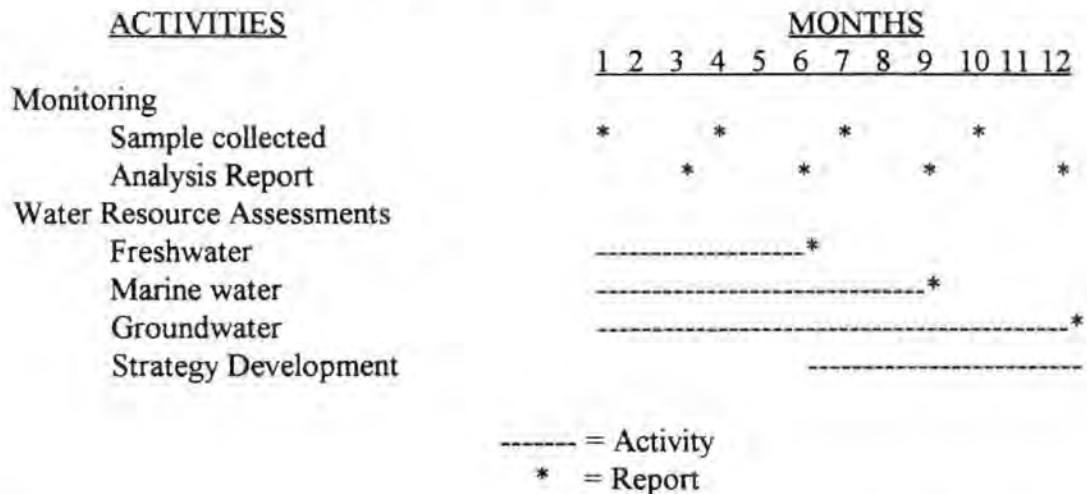
2. Groundwater Assessment
 - a. Identify significant water resources on reservation lands
 - b. Assess current status and conditions of identified resources
 - c. Determine existing and potential threats to resources

3. Marine water Assessment
 - a. Identify extent of marine water resources to be addressed
 - b. Assess current status and conditions of identified resources
 - c. Determine existing and potential threats to resources

4. Utilizing information and data collected in the first three assessment steps, begin to develop a strategy for action to protect or restore water resources as necessary.

Product: Reports on the respective water resources and their conditions.

Timeline - the activities identified above will take place concurrently with a report on one of the water resource assessment areas due at quarterly intervals starting at six months. Strategy development will likely carry beyond the funding cycle of this project, and will have to be addressed in subsequent years.



Objective A.1.	Samples collected and analyzed	Sept., Jan., April, July
	Water Quality Reports	Dec., March, June, Aug.
Objective A.2.	Additional Sampling locations	Concurrent with schedule
Objective B.1.	Freshwater Assessment	Sept. - March; Report in March
Objective B.2.	Groundwater Assessment	Sept. - June; Report in June
Objective B.3.	Marine water assessment	Sept. - August; Report in August
Objective B.4.	Initiate Protection Strategy	March - August

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
PROCUREMENT SYSTEM CERTIFICATION

APPLICANT'S NAME

ASSISTANCE APPLICATION NUMBER

APPLICANT'S ADDRESS

SECTION I - INSTRUCTIONS

The applicant must complete and submit a copy of this form with each application for EPA Assistance. If the applicant has certified its procurement system to EPA within the past 2 years and the system has not been substantially revised, complete Part A in Section II, then sign and date the form. If the system has not been certified within the past 2 years, complete Part B, then sign and date the form.

SECTION II - CERTIFICATION

A. I affirm that the applicant has within the past 2 years certified to EPA that its procurement system complies with 40 CFR Part 35 and that the system meets the requirements in 40 CFR Part 35. The date of the applicant's latest certification is:

MONTH/YEAR

July 11, 1997

B. Based upon my evaluation of the applicant's procurement system, I, as authorized representative of the applicant: (Check one of the following:)

1. CERTIFY that the applicant's procurement system will meet all of the requirements of 40 CFR Part 35 before undertaking any procurement action with EPA assistance.

2. DO NOT CERTIFY THE APPLICANT'S PROCUREMENT SYSTEM. The applicant agrees to follow the requirements of 40 CFR Part 35, including the procedures in Appendix A, and allow EPA preaward review of proposed procurement actions that will use EPA assistance.

TYPED NAME AND TITLE

Bobby Whitener
Executive Director

SIGNATURE



DATE

5/13/98

Form Approved OMB NO 2000-0453
EPA Form 5700-48

See instructions on reverse side



United States Environmental Protection Agency
Washington, D.C. 20460

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and its principles:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Bobby Whitener, Executive Director
Typed Name & Title of Authorized Representative

Bobby Whitener
Signature of Authorized Representative

5/13/98
Date

I am unable to certify to the above statements. My explanation is attached.

NOTE: Must be completed if grant will be for \$100,000 or more.


ANTI-LOBBYING ACT OF 1990 APPLICANT CERTIFICATION

This Certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this Certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required Certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The undersigned certifies to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award document for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

5/13/98
Date


Signature of Authorized Representative



United States Environmental Protection Agency
Washington, DC 20460

**Preaward Compliance Review Report for
All Applicants Requesting Federal Financial Assistance**

FORM Approved
OMB No. 2090-0014
Expires 4-30-99

Note: Read instructions on reverse side before completing form.

I. A. Applicant (Name, City, State) Squaxin Island Tribe Shelton, WA	B. Recipient (Name, City, State) Squaxin Island Tribe Shelton, WA	C. EPA Project No.
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II. Brief description of proposed project, program or activity.

III. Are any civil rights lawsuits or complaints pending against applicant and/or recipient?
If yes, list those complaints and the disposition of each complaint. Yes No

IV. Have any civil rights compliance reviews of the applicant and/or recipient been conducted by any Federal agency during the two years prior to this application for activities which would receive EPA assistance?
If yes, list those compliance reviews and status of each review. Yes No

V. Is any other Federal financial assistance being applied for or is any other Federal financial assistance being applied to any portion of this project, program or activity?
If yes, list the other Federal Agency(s), describe the associated work and the dollar amount of assistance. Yes No

VI. If entire community under the applicant's jurisdiction is not served under the existing facilities/services, or will not be served under the proposed plan, give reasons why.

VII. Population Characteristics	Number of People
1. A. Population of Entire Service Area	627
B. Minority Population of Entire Service Area	627
2. A. Population Currently Being Served	NA
B. Minority Population Currently Being Served	NA
3. A. Population to be Served by Project, Program or Activity	NA
B. Minority Population to be Served by Project, Program or Activity	NA
4. A. Population to Remain Without Service	NA
B. Minority Population to Remain Without Service	NA

VIII. Will all new facilities or alterations to existing facilities financed by these funds be designed and constructed to be readily accessible to and usable by handicapped persons?
If no, explain how a regulatory exception (40 CFR 7.70) applies. Yes No

IX. Give the schedule for future projects, programs or activities (or of future plans), by which services will be provided to all beneficiaries within applicant's jurisdiction. If there is no schedule, explain why.
project completion by September 1999

X. I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

A. Signature of Authorized Official 	B. Title of Authorized Official Executive Director	C. Date 5/13/98
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For the U.S. Environmental Protection Agency

<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Authorized EPA Official	Date
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QUALITY ASSURANCE REQUIREMENT FORM
40 CFR 30.54 AND 31.45

_____ This program/project does NOT involve environmentally related measurements or data generation,

OR

X This program/project DOES include environmentally related measurements or data generation. Environmentally related measurements or data generation deals with the collection of samples and analysis of samples in the field or at a laboratory, or the collection of environmental data in the field, such as the collection and reporting of environmental measurements or environmental observations. A Quality Assurance Project Plan (QAPP) must meet the requirements of 40 CFR 30.54 and 31.45.

_____ has been prepared for this project and IS ATTACHED.

X was previously reviewed and formally approved by the U.S. EPA on 7/26/95 and is still current and applicable. (Current is defined as less than three (3) years old.)

_____ will be prepared and forwarded to the U.S. EPA upon completion of the QAPP. Applicant understands that this QA requirement is a condition for award of the grant/cooperative agreement.

5/13/98
Date

James C. Albrecht
Signature of Authorized Representative

James C. Albrecht
Water Resources Specialist
Typed Name & Title of Authorized Representative

Saugan Island Tribe
Typed Name of Applicant

Agency Use Only

EPA GRANT (PROJECT) MANAGER

EPA QA OFFICER

Signature _____ Date _____

Signature _____ Date _____

K1

Survey of Recipient's Management Systems

Applicants for assistance under EPA agreements are required to have an adequate financial management system and audit procedure which provides efficient and effective accountability and control of all property, funds, and assets related to the agreement. This survey indicates the accounting standards that EPA considers basic to adequate Financial Management. Please mark each of these questions, YES, NO, or N/A, to help us and you determine whether your present systems can meet these requirements. The completed form must be signed and returned to:

EPA, Grants and Acquisitions Unit
1200 Sixth Avenue, OMP-145
Seattle, Washington 98101

Accounting

- YES 1) Have project accounting records been established to record the costs applicable to this EPA agreement and other direct activities?
- YES 2) Are all costs of a project posted to these records? Are the records used as the basis for vouchers and Financial Status Reports submitted to EPA?
- YES 3) Before posting, are costs reviewed for reasonableness, allowability, and allocability to the project?
- YES 4) Are project accounts broken into subaccounts by program element or cost objective?
- _____ 5) Is appropriate documentation maintained to support the costs of:
- YES a) personnel?
YES b) fringe benefits?
YES c) travel?
YES d) purchases of material, supplies, and equipment?
YES e) consultants?
YES f) other costs?
- YES 6) Are costs posted in these records reflected on and reconciled with control accounts contained in the general ledger?
- YES 7) Are accounting records subjected to an independent audit at least every two years?

Personnel

- YES 8) Do personnel and/or payroll records support the time and attendance, leave, and earnings for all employees?
- YES 9) Are time distribution records maintained to show the amount of time spent on each project covered under the agreement, as well as time spent on other projects? (These records are required for all personnel spending less than full time on an individual project.)

- YES 10) Are there controls to assure that personnel costs are distributed in accordance with the time distribution records?
- N/A 11) Are there established procedures to govern the charges of personnel time related to partners or principals in closely held corporations?
- YES 12) Are there formal procedures regarding bonuses, retirement plans, and/or profit sharing?

Travel

- YES 13) Are there established policies to govern reimbursement for travel?
- 14) Do these policies require travel vouchers to be submitted which:
- YES a) show the time and purpose of the travel?
- YES b) clearly indicate the nature of expenses being claimed?
- YES c) require the submission of supporting documentation?

Procurement

- YES 15) Are there established procedures to assure that professional services, equipment, material, and/or supplies requested are really needed?
- YES 16) Are existing supplies or inventories reviewed to assure that requested items are not already available?
- YES 17) Are there formal procurement procedures to assure that equipment, material, and supplies are obtained on a competitive basis?
- YES 18) Are there procedures to assure that the type of contract utilized is appropriate for the procurement being undertaken?
- YES 19) Are there controls to assure that types of contracts unacceptable to the Federal Government are not utilized?
- YES 20) Are Minority and Women Owned Businesses included in solicitations?
- YES 21) Are solicitations obtained from several sources to assure that the most qualified party is selected?
- YES 22) Are quotations reviewed to assure that the proposed price is reasonable to the contractor, the recipient, and EPA?
- YES 23) Are internal controls utilized to assure that contracts contain all required clauses:
- YES a) access to records?
- YES b) ownership of data?
- YES c) termination?

- yes *d) applicable cost principles?
yes e) defective pricing?

Obligations

- yes 24) Are there procedures to assure that reported obligations are supported by purchase orders, contracts, etc.?
yes 25) Do these procedures require that obligations are periodically reviewed with regard to their validity?
yes 26) Do these procedures require the timely liquidations of obligations?

Indirect Costs

If indirect costs are claimed under this agreement:

- yes 27) If the indirect cost rate is negotiated with a Federal Agency, a copy of the negotiated agreement must be sent to Grants Administration.

Current rate proposal has been approved yes pending _____.

- _____ 28) If the indirect cost rate is not negotiated with a Federal Agency:
_____ a) Is there a cost allocation plan to indicate which costs are considered direct costs as opposed to indirect costs?
_____ b) Are unallowable costs separately identified and/or excluded from the indirect cost proposal?
_____ c) Are items of the same nature which are charged as direct costs excluded from the indirect cost proposal?
_____ d) Are indirect costs accumulated in more than one pool?

A copy of the cost allocation plan may be requested.

I certify that the answers to these questions accurately reflect the management systems.



Signature

5/13/98

Date

U.S. ENVIRONMENTAL PROTECTION AGENCY						1. ASSISTANCE ID NO. 1980221-98-0		2. LOG NUMBER 10-I-041			
EPA ASSISTANCE AGREEMENT / AMENDMENT						3. DATE OF AWARD 06/29/98		4. MAILING DATE 07/07/98			
PART I - ASSISTANCE NOTIFICATION INFORMATION											
5. AGREEMENT TYPE				6. PAYMENT METHOD							
Cooperative Agreement				<input type="checkbox"/> Advance <input checked="" type="checkbox"/> Reimbursement <input type="checkbox"/> ACH Number _____							
Grant Agreement <input checked="" type="checkbox"/>				Send Payment Request to:				7. TYPE OF ACTION			
Assistance Amendment				GRANTS & ACQUISITIONS, OMP-145				NEW PROJECT			
RECIPIENT	8. RECIPIENT SQUAXIN ISLAND TRIBE 70 SE SQUAXIN LANE SHELTON, WA 98584					9. PAYEE SAME AS BLOCK 8					
	EIN NO. 910922254		CONGRESSIONAL DISTRICT 06			10. RECIPIENT TYPE INDIAN TRIBAL GOVERNMENT					
	11. PROJECT MANAGER AND TELEPHONE NO. JEFF DICKISON, ENVIRONMENTAL DIRECTOR (360) 426-9783					12. CONSULTANT (WWT Construction Grants only) N/A					
EPA CONTACT	13. ISSUING OFFICE (CITY / STATE) U.S. EPA, REGION 10 GRANTS & ACQUISITION UNIT, OMP-145 1200 SIXTH AVENUE SEATTLE, WA 98101					14. EPA PROJECT / STATE OFFICER AND TELEPHONE NO. ROBIN SLATE, EPA PROJECT OFFICER 300 DESMOND DR SE, SUITE 102 LACEY, WA 98503 (360) 753-9082 MARIE L. MCPEAK GRANTS SPECIALIST (206) 553-2894					
	15. EPA CONGRESSIONAL LIAISON & PHONE BARBARA BROOKS, (202) 260-5660			16. STATE APPL ID (Clearinghouse) N/A		17. SCIENCE FIELD 44		18. PROJECT STEP (WWT Construction Grants Only) N/A			
19. STATUTORY AUTHORITY CLEAN WATER ACT: SEC. 106			20. REGULATORY AUTHORITY 40 CFR PTS 31, 35 SUBPT A			21. STEP 2 + 3 & STEP 3 (WWT Construction Grants Only)					
						a. Treatment Level					
						b. Project Type N/A					
						c. Treatment Process					
						d. Sludge Design					
22. PROJECT TITLE AND DESCRIPTION MONITORING AND ASSESSMENT OF WATER RESOURCES ON RESERVATION LANDS; INITIATE AN ASSESSMENT OF RESERVATION WATER RESOURCES DETERMINING CONDITIONS AND IDENTIFYING POTENTIAL THREATS TO THOSE RESOURCES											
23. PROJECT LOCATION (Areas Impacted by Project)											
City / Place RESER./SURROUNDING AREA			County MASON/SURR AREA			State WA		Congressional District 06			
24. ASSISTANCE PROGRAM (CFDA Program No. & Title) 66.419: Wpc State And Interstate Program Support				25. PROJECT PERIOD 07/01/98 - 06/30/99		26. BUDGET PERIOD 07/01/98 - 06/30/99					
27. COMMUNITY POPULATION (WWT Construction Grants Only) N/A			28. TOTAL BUDGET PERIOD COST \$57,895			29. TOTAL PROJECT PERIOD COST \$57,895					
FUNDS		FORMER AWARD		THIS ACTION		AMENDED TOTAL					
30. EPA Amount This Action		\$0		\$55,000							
31. EPA In-Kind Amount		0		0							
32. Unexpended Prior Year Balance		0		0							
33. Other Federal Funds		0		0							
34. Recipient Contribution		0		2,895							
35. State Contribution		0		0							
36. Local Contribution		0		0							
37. Other Contribution		0		0							
38. Allowable Project Cost		\$0		\$57,895							
FISCAL	Site Name		Document Control Number	FY	Approp.	Budget Organization	Program Element	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
	01)		MJ5030	98	E	10MT	47X	4117			55,000

PART II - APPROVED BUDGET

ASSISTANCE IDENTIFICATION: I 980221-98-0

TABLE A - OBJECT CLASS CATEGORY (Non-construction)	TOTAL APPROVED ALLOWABLE BUDGET PERIOD COST
1. PERSONNEL	\$26,195
2. FRINGE BENEFITS	7,859
3. TRAVEL	1,500
4. EQUIPMENT	0
5. SUPPLIES	3,590
6. CONTRACTUAL	0
7. CONSTRUCTION	0
8. OTHER	0
9. TOTAL DIRECT CHARGES	\$39,144
10. INDIRECT COSTS: RATE 47.90 % BASE MOD DIRECT	18,751
11. TOTAL (Share: Recipient 5.00% Federal 95.00%.)	\$57,895
12. TOTAL APPROVED ASSISTANCE AMOUNT	\$55,000
TABLE B - PROGRAM ELEMENT CLASSIFICATION (Non-construction)	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12. TOTAL (Share: Recipient _____ % Federal _____ %.)	
13. TOTAL APPROVED ASSISTANCE AMOUNT	
TABLE C - PROGRAM ELEMENT CLASSIFICATION (Construction)	
1. ADMINISTRATION EXPENSE	
2. PRELIMINARY EXPENSE	
3. LAND STRUCTURES, RIGHT-OF-WAY	
4. ARCHITECTURAL ENGINEERING BASIC FEES	
5. OTHER ARCHITECTURAL ENGINEERING FEES	
6. PROJECT INSPECTION FEES	
7. LAND DEVELOPMENT	
8. RELOCATION EXPENSE	
9. RELOCATION PAYMENTS TO INDIVIDUALS AND BUSINESS	
10. DEMOLITION AND REMOVAL	
11. CONSTRUCTION AND PROJECT IMPROVEMENT	
12. EQUIPMENT	
13. MISCELLANEOUS	
14. TOTAL (Lines 1 thru 13)	
15. ESTIMATED INCOME (if applicable)	
16. NET PROJECT AMOUNT (Line 14 minus 15)	
17. LESS: INELIGIBLE EXCLUSIONS	
18. ADD: CONTINGENCIES	
19. TOTAL (Share: Recipient _____ % Federal _____ %.)	
20. TOTAL APPROVED ASSISTANCE AMOUNT	

TERMS AND CONDITIONS**1. Financial Status Reports**

The Financial Status Report (FSR), Standard Form 269, for this award shall be submitted to the Grants & Acquisition Unit, OMP-145, within 90 days after the end of the budget period. If the 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.

2. Audit Requirements

The recipient agrees to comply with the requirements of OMB Circular A-133, "Audits of States, Local Governments, Indian Tribes, Institutions of Higher Education and Non-Profit Organizations."

3. Lobbying

No portion of this award may be used for lobbying or propaganda purposes as prohibited by 18 U.S.C. Section 1913 or Section 607(a) of Public Law 96-74.

4. Cost Principles/Indirect Costs

The cost principles of OMB Circular A-87 are applicable to this award. When indirect costs are included within the assistance budget, the recipient must be in compliance with A-87 and EPA regulations regarding allowable project costs. Actual indirect costs charged to this Assistance Agreement may not exceed the final approved rates as negotiated annually between the recipient and the appropriate cognizant Federal agency. A copy of the negotiated rate must be submitted to Region 10 Grants Administration Section and will become part of the Grants file.

5. Indirect Cost Rate Agreement

The indirect cost agreement on file with EPA expired September 30, 1996. In order to charge for indirect costs beyond that date, we must have a copy of an approved agreement in our files. If you have not yet received an approval of an indirect cost rate from your cognizant agency, please submit a copy within 30 days of approval. If you have an approved rate agreement, please provide a copy with the signed agreement.

6. Method of Payment - Reimbursement

To receive payment, the recipient must submit a "Request for Advance or Reimbursement", SF270, to the Grants and Acquisitions Unit, OMP-145. Request cannot be submitted more often than monthly.

7. Recycled Paper

Pursuant to EPA Order 1000.25, dated January 24, 1990, the recipient agrees to use recycled paper for all reports which are prepared as a part of this agreement and delivered to the Agency. This requirement does not apply to Standard Forms. These

forms are printed on recycled paper as available through the General Services Administration.

8. Hotel and Motel Fire Safety Act

Effective October 1, 1994, the recipient agrees to ensure that all conference, meeting, convention, or training space funded in whole or in part with Federal funds, complies with the Hotel and Motel Fire Safety Act of 1990.

9. Work under this agreement should be completed in accordance with the workplan received by EPA on May 13, 1998, and approved by the EPA Project Officer on June 29, 1998.

10. The Tribe must report annually on the nature and extent of water quality problems on reservation lands. This report must be submitted to the EPA Project Officer no later than 90 days following the end of the project period. In addition the grant work plan must specify how the Tribe's water quality problems will be addressed, and the expected environmental outcomes and outputs. Since this information has not been incorporated into the work plan, the Tribe must revise their work plan prior to any money being expended.

11. In order to comply with the Debt Collection Improvement Act of 1996, the recipient will complete and return the attached Payment Information Form ACH Vendor Payment System, (TFS Form 3881) with the signed Assistance Agreement to Grants & Acquisitions Unit, OMP-145. Please refer to the sample form attached to the SF 3881 to see what information must be provided. Please note: The data provided in section I - Agency Information, should be copied from the sample.

12. Quarterly Performance Reports

The recipient shall submit quarterly performance reports, which are due 30 calendar days after the end of each Federal fiscal quarter. (Federal fiscal quarters end the last day of March, June, September, and December.) Reports shall be submitted to the EPA Project Officer and may be provided electronically. The reports shall generally contain brief information on each of the following:

- (1) A comparison of actual accomplishments with the goals and objectives established for the reporting period.
- (2) Reasons for slippages or why established goals were not met, if appropriate.
- (3) Other pertinent information on the project.

In addition to the quarterly performance reports, the recipient shall immediately notify the EPA Project Officer of developments that have a significant impact on the award-supported activities. Also, notification shall be given in the case of problems, delays, or adverse conditions which materially impair the ability to meet the objectives of the award. This notification shall include a statement of the action taken or contemplated, and any assistance needed to resolve the situation.

SPECIAL CONDITIONS (continued)

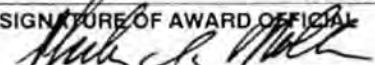
PART IV

NOTE: The Agreement must be completed in duplicate and the Original returned to the Grants Administration Division for Headquarters awards and to the appropriate Grants Administration Office for State and local awards within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA.
 Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the recipient subsequent to the document being signed by the EPA Award Official, which the Award Official determines to materially alter the Agreement, shall void the Agreement.


OFFER AND ACCEPTANCE

The United States of America, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers assistance/amendment to the SQUAXIN ISLAND TRIBE for 95.00 % of all approved costs incurred up to and not exceeding \$ 55,000 for the support of approved budget period effort described in application (including all application modifications) cited in Item 22 of this Agreement ASSISTANCE AMOUNT
05/13/98 MONITORING AND ASSESSMENT OF WATER RESOURCES, included herein by reference.
 DATE AND TITLE

ISSUING OFFICE (Grants Administration Office)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS U.S. EPA, REGION 10 GRANTS & ACQUISITION UNIT, OMP-145 1200 SIXTH AVENUE SEATTLE, WA 98101	ORGANIZATION / ADDRESS OFFICE OF THE EXECUTIVE ENVIRONMENTAL PROTECTION AGENCY 1200 SIXTH AVENUE SEATTLE, WA 98101

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY		
SIGNATURE OF AWARD OFFICIAL 	TYPED NAME AND TITLE PHILIP G. MILLAM DIRECTOR, OFFICE OF WATER	DATE 6-29-98

This agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2) the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter I, Subchapter B and of the provisions of this agreement (Parts I thru IV), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION		
SIGNATURE 	TYPED NAME AND TITLE BOBBY WHITENER EXECUTIVE DIRECTOR	DATE 7/10/98



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

February 18, 1999

Reply To
Attn Of: TO-149

Dear Tribal Leader:

Congratulations! You have been tentatively approved to receive grant funds from the Clean Water Act (CWA) Section 106, Water Pollution Control and Groundwater Management Programs. Please see the attached funding plan for the award level for your tribe.

A copy of this letter and attachment is being sent to the tribal environmental coordinator. Your staff has previously provided to EPA a draft scope of work for the tribal water pollution control program; and now your staff should be finishing both the final scope of work and an application for federal financial assistance. The final scope of work and the grant application forms are **DUE March 5, 1999 to the EPA Project Officer.**

Five new tribal applicants are in the "TAS" process (Metlakatla, Coquille, Nooksack, Sauk-Suiattle, Upper Skagit). Please note that funds can not be awarded until EPA has made an eligibility determination pursuant to Section 518 of the Clean Water Act. In some cases, additional material yet needs to be provided. Please check with your designated Project Officer to ensure the materials are provided in order to make an award.

Please note that a condition of receiving CWA Section 106 funding is to provide an annual report on the nature and extent of water quality problems on reservation lands (or, land areas otherwise determined to be under tribal jurisdiction in the TAS legal analysis of tribal authority to regulate pollution sources). The annual report will be a deliverable product of the grant work plan that you will submit as a part of the application for funding. In addition, the grant work plan must specify how the water quality problems you report about will be addressed; and specify what are the expected measurable environmental results from the work plan.

For additional information, please contact your Project Officer (for continuing grantees), your Tribal Coordinator, or Alan Moomaw (206/553-1603) or Diana Boquist (206/553-1586) on my staff. Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script that reads "Diana Boquist".

Scott Sufficool, Director
Tribal Office

Attachment #1: FY99 Tribal CWA Section 106 Funding Plan

FY99 Clean Water Act Section 106 Funding Plan

(95% EPA award) + (5% tribal Match)

			<u>EPA Project Officer</u>
1. Chehalis:	\$90,000	(+4,737)	Robin Slate
2. Colville:	\$160,000	(+8,421)	Doug Cole
3. Lower Elwha S'Klallam:	\$59,838	(+3,149)	Annette Bryan
4. Jamestown S'Klallam:	\$60,000	(+3,158)	Diana Boquist
5. Kalispel:	\$60,000	(+3,158)	Doug Cole
6. Lummi:	\$80,000	(+4,211)	Robin Slate
7. Makah:	\$60,000	(+3,158)	Annette Bryan
8. Muckleshoot:	\$60,000	(+3,158)	Robin Slate
9. Nooksack:*	\$60,000	(+3,158)	Robin Slate
10. Port Gamble S'Klallam:	\$60,000	(+3,158)	Diana Boquist
11. Puyallup:	\$80,000	(+4,211)	Robin Slate
12. Quileute:	\$70,000	(+3,684)	Annette Bryan
13. Sauk-Suiattle:*	\$60,000	(+3,158)	Diana Boquist
14. Shoalwater Bay:	\$80,000	(+4,211)	Robin Slate
15. Skokomish:	\$60,000	(+3,158)	Robin Slate
16. Spokane:	\$70,000	(+3,684)	Annette Bryan
17. Squaxin Island:	\$60,000	(+3,158)	Robin Slate
18. Suquamish:#	\$120,535	(+6,344)	Annette Bryan
19. Swinomish:#	\$120,535	(+6,344)	Annette Bryan
20. Tulalip:	\$80,000	(+4,211)	Diana Boquist
21. Upper Skagit:*	\$60,000	(+3,158)	Diana Boquist
22. Coeur d'Alene:	\$125,000	(+9,082)	Doug Cole
23. Nez Perce:	\$124,196	(+6,537)	Doug Cole
24. Shoshone-Bannock:	\$82,750	(+4,355)	Craig Paulsen
25. Grand Ronde:	\$60,000	(+3,158)	Clarence Ortman
26. Coquille:*	\$60,000	(+3,158)	Clarence Ortman
27. Siletz:	\$90,000	(+4,737)	Clarence Ortman
28. Umatilla:	\$80,000	(+4,211)	Clarence Ortman
29. Warm Springs:	\$85,000	(+4,474)	Clarence Ortman
30. Metlakatla:*	\$60,000	(+3,158)	Santina Baumeister
31. Yakama - Didn't Apply			
32. Klamath - Didn't Apply			
TOTAL(s):	\$2,377,854		

*First time grantees (TAS determinations must be made prior to receiving funds)

#CWA 106 funds/match to be reprogrammed to PPGs (TEA Action Plan pilots)

1999 Section 106 Water Pollution Control Program
SQUAXIN ISLAND TRIBE
Scope of Work

The Squaxin Island Tribe proposes to address surface water and groundwater resources on the Tribe's reservation by monitoring surface water quality, developing and implementing strategies for protecting or restoring polluted waters, and creating a comprehensive data storage system for managing and analyzing water quality and stream habitat data. Maintaining both the quality and quantity of the surface and groundwater resources on and within the vicinity of the Reservation is essential for the health and well-being of Tribal members as well as the shellfish and finfish resources upon which they depend. The 106 grant program will the Tribe to develop an integrated program targeted at protecting these waters from pollution sources, with consideration for how the Tribe wants to manage its aquatic resources in the future.

The workplan will consist of three distinct objectives:

- A. Monitoring of surface freshwater streams which pass through reservation lands or affect aquatic resources utilized by Tribal members.
- B. Development and implementation of strategies to protect or enhance water quality and quantity.
- C. Creation of a spatial database for managing and analyzing water quantity and quality data.

Objective A. Monitoring

An assessment of surface water quantity and quality in Skookum Creek and its tributary Little Creek identified fecal coliform, dissolved oxygen, turbidity, and sediment fines as factors affecting water quality. Additionally, Skookum Creek has been placed on the 303(d) list for fecal coliform, warranting further study in preparation for a later TMDL. Elevated temperature in Skookum Creek as a result of riparian disturbance, and decreasing low flows in Little Creek due to possible water withdrawals have also been identified as potential concerns, but a lack of data on these conditions warrants further investigation.

1. Continue quarterly water quality monitoring at the eight stations that it has established on two streams which cross reservation lands near Kamilche: Skookum Creek and its tributary Little Creek. Parameters will include: fecal coliform, nitrogen (ammonia, nitrates, nitrites), phosphorous, pH, temperature, turbidity, and conductivity.
2. Establish stream flow measurement stations at the mouths of Skookum and Little Creeks and monitor monthly from spring through fall with a Swoffler meter. Compare flows with those on nearby gaged streams (i.e. Kennedy Creek).
3. Establish stations for continuous temperature logging during the summer months.

Product: Time series water quality, flow, and temperature data.

Objective B. Protection and enhancement strategies

Based upon the findings of the Assessment of Reservation Water Resources, plans will be developed to address the protection and restoration of water quantity or quality for surface freshwater, groundwater, and marine waters on and in the vicinity of Tribal lands. In some instances, surveys or studies will be required to better understand the nature or extent of impairment. In others, there may be opportunities to develop enhancement measures to reduce or eliminate a threat to water resources.

1. Determine what additional data and resources will be needed to address water quality and quantity issues.
2. Develop hypotheses and design surveys to collect additional information for problems that require further study.
3. Develop restoration plans and management approaches for problems that have already been clarified.
4. Identify and secure potential funding sources for projects, and establish cooperative relationships wherever possible with other agencies or landholders in the watershed.

Product: Comprehensive monitoring and restoration strategy for surface and groundwater resources.

Objective 3. Spatial database development

Water quality and habitat data generated by the Tribe as well as by other agencies has been stored in various forms, usually as a series of spreadsheets, or in paper files with no central location. A spatial database with the capacity for rapid retrieval, display, and analysis would enable the Tribe to more fully utilize and share the data that it has collected.

1. Participate as a member of the Coordinated Tribal Water Quality Database Committee to develop a GIS-compatible water quality database to meet Tribal needs yet be compatible with EPA reporting requirements.
2. Enter data and create GIS coverages for water quality, streamflow, and habitat monitoring locations; relate these parameters to watershed features such as hydrography, groundwater, soils, and riparian cover as well as to fish and shellfish population distribution.

Product: Spatial database of water quality and habitat data at both stream reach and watershed scales.

Timeline

The activities identified above will take place concurrently with quarterly reports on the development of resource protection strategies. It is likely that portions of the strategy implementation will carry beyond the funding cycle of this project, and will have to be addressed in subsequent years.

ACTIVITIES	MONTHS											
	1	2	3	4	5	6	7	8	9	10	11	12
Objectives:												
A. Monitoring												
1. Water quality sampling	*			*		*			*			
2. Streamflow measurement	*	*	*				*	*	*	*	*	*
3. Temperature measurement											-----	
B. Protection and enhancement strategies												
1. Identify resource needs				-----								
2. Develop data collection scheme							-----					
3. Develop restoration/management plans							-----					
4. Identify funding sources and cooperators									-----			
C. Spatial database development												
1. Database design			-----									
2. Enter data and create coverages					-----							
Reports:		x			x			x				x
A1. Water quality sampling								Sept., Dec., Mar., June				
A2. Streamflow measurement								Sept. – Nov., Mar. – Aug.				
A3. Temperature measurement								May – Aug.				
B1. Identify resource needs								Sept. – Dec.				
B2. Develop data collection scheme								Jan. – Apr.				
B3. Develop restoration/management plans								Jan. – Apr.				
B4. Identify funding sources and cooperators								May – Aug.				
C1. Database design								Sept. – Dec.				
C2. Enter data and create coverages								Dec. – Aug.				
Reports								Nov., Feb., Apr., June				

Budget Narrative

Personnel supported by salary items are a Water Resource Specialist at ½ time for one year and a Water Resource Technician to conduct sampling at ¼ time for the year. These positions will be overseen by the Environmental Director at approximately 0.05 FTE. The Director's costs are included as the Tribal matching share. Fringe is included at 30% of gross salary cost.

Travel is included to cover mileage costs for vehicle-based transportation to deliver samples to testing laboratories, and to attend pertinent conferences and meetings relating to grant-funded activities, and boat transportation for marine assessments.

Supplies and equipment include those items necessary for collecting water quality samples, as well as maps and related software. Most analyses will be performed at a certified laboratory.

	<u>Tribal Funds</u>	<u>106 Program</u>
Environmental Director	\$1,669	
Water Resources Specialist .5 FTE		\$18,462
Water Resource Technician .25 FTE		6,228
Fringe @ 30%	500	7,407
Travel		1,112
Laboratory Analysis		7,000
Supplies		1,000
Subtotal	<u>2,169</u>	<u>41,209</u>
Indirect @ 45.6%	989	18,791
Total	<u>3,158</u>	<u>60,000</u>

KEY CONTACTS

AUTHORIZED REPRESENTATIVE - This is the individual who has the authority to sign the application for Federal Assistance (SF-424) and execute the Agreement on behalf of the applicant.

Circle One (Mr. Mrs. Ms.)
NAME: Robert Whitener
TITLE: Executive Director
TELEPHONE: (360)426-9781 FAX: (360)426-6577
E-MAIL ADDRESS: rwhitener@squaxin.nsn.us

PROGRAM/PROJECT MANAGER - This is the individual who is responsible for the management of the Project for the applicant.

Circle One (Mr. Mrs. Ms.)
NAME: Kim Taylor
TITLE: Watershed Biologist / Planner
TELEPHONE: (360)426-4783 FAX: (360)426-3771
E-MAIL ADDRESS: ktaylor@squaxin.nsn.us

FINANCIAL REPRESENTATIVE - This is the individual who has been assigned responsibility for the maintenance of the accounting and financial management system for the applicant.

Circle One (Mr. Mrs. Ms.)
NAME: Julie Goodwin
TITLE: Contract Compliance Coordinator
TELEPHONE: (360)426-9781 FAX: (360)426-6577
E-MAIL ADDRESS: jgoodwin@squaxin.nsn.us

PAYEE ADDRESS - If different than recipient address:

NAME: _____
ADDRESS: _____
CITY, STATE, ZIP: _____

**APPLICATION FOR
FEDERAL ASSISTANCE**

OMB Approval No. 0348-0042

1. TYPE OF SUBMISSION:		2. DATE SUBMITTED	Applicant Identifier
Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	3. DATE RECEIVED BY STATE	State Application Identifier
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier X-00572-01

5. APPLICANT INFORMATION

Legal Name: Squamish Island Tribe Organizational Unit: Natural Resources

Address (give city, county, State, and zip code):
SE 70 Squamish Lane
Shelton, WA 98584
Wasco County

Name and telephone number of person to be contacted on matters involving this application (give area code):
Kim Taylor (360)426-9783

6. EMPLOYER IDENTIFICATION NUMBER (EIN):
91-0922254

7. TYPE OF APPLICANT: (enter appropriate letter in box)

A. State	H. Independent School Dist.	<input checked="" type="checkbox"/> K
B. County	I. State Controlled Institution of Higher Learning	
C. Municipal	J. Private University	
D. Township	K. Indian Tribe	
E. Interstate	L. Individual	
F. Intermunicipal	M. Profit Organization	
G. Special District	N. Other (Specify) _____	

8. TYPE OF APPLICATION:

New Continuation Revision

Revision, enter appropriate letter(s) in box(es)

A. Increase Award B. Decrease Award C. Increase Duration
D. Decrease Duration Other(specify): _____

9. NAME OF FEDERAL AGENCY:
Environmental Protection Agency, Region X

10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:
66-605

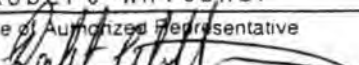
TITLE: Performance Partnership Grants

11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:
Performance Partnership Grant consisting of:
106- water quality monitoring and control
319- nonpoint source pollution control and prevention
GAP- Environmental program capacity building

12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):
Squamish Island Reservation waters and those areas that affect
Reservation waters or resources

3. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF:	
Start Date <u>10/1/00</u>	Ending Date <u>9/30/01</u>	a. Applicant <u>6th District - Norm Dicks</u>	b. Project <u>6th District - Norm Dicks</u>
5. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
Federal	\$ <u>310,000.00</u>	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____	
Applicant	\$ <u>4,658.00</u>	b. No. <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
State	\$ _____	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No	
Local	\$ _____		
Other	\$ _____		
Program Income	\$ _____		
TOTAL	\$ <u>314,658.00</u>		

8. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

Type Name of Authorized Representative <u>Robert Whitener</u>	b. Title <u>Executive Director</u>	c. Telephone Number <u>(360)426-9781</u>
Signature of Authorized Representative 		e. Date Signed <u>2/29/00</u>

INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry: | Item: | Entry: |
|-------|---|-------|--|
| 1. | Self-explanatory. | 12. | List only the largest political entities affected (e.g., State, counties, cities). |
| 2. | Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable). | 13. | Self-explanatory. |
| 3. | State use only (if applicable). | 14. | List the applicant's Congressional District and any District(s) affected by the program or project. |
| 4. | If this application is to continue or revise an existing award, enter present Federal identifier number. If for a new project, leave blank. | 15. | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <i>only</i> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5. | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application. | 16. | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process. |
| 6. | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service. | 17. | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes. |
| 7. | Enter the appropriate letter in the space provided. | 18. | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |
| 8. | Check appropriate box and enter appropriate letter(s) in the space(s) provided:

-- "New" means a new assistance award.

-- "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.

-- "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. | | |
| | Name of Federal agency from which assistance is being requested with this application. | | |
| 9. | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested. | | |

Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. 106	66-419	\$	\$	\$ 60,000	\$ 3,158	\$ 63,158
2. 319	66-460			30,000	1,500	31,500
3. GAP	66-926			220,000		220,000
4.						
5. Totals		\$	\$	\$ 310,000	\$ 4,658	\$ 314,658

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) 106 Federal/Match	(2) 319 Federal/Match	(3) GAP FY 2000	(4) GAP FY 2001	
a. Personnel	\$ 25,877/1,068	\$ 11,778/792	\$ 50,283	\$ 52,572	\$ 142,970
b. Fringe Benefits	7,763/501	3,534/238	15,085	15,792	42,892
c. Travel	1,216	407	2,700	2,250	6,573
d. Equipment	1,375				1,375
e. Supplies	1,000	1,187	4,982	2,956	10,125
f. Contractual (Lab Analysis)	3,538	5,385			8,923
g. Construction					
h. Other (Training)	440		2,500	2,000	4,940
i. Total Direct Charges (sum of 6a-6h)	41,207/2169	22,291/1,030	75,549	75,549	217,778
j. Indirect Charges	18,791/989	7,709/470	34,451	34,451	96,860
k. TOTALS (sum of 6i and 6j)	\$ 60,000/3,158	\$ 30,000/1,500	\$ 110,000	\$ 110,000	\$ 314,658
7. Program Income	\$	\$	\$	\$	\$

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Prescribed by OMB Circular A-102

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	\$	\$	\$	\$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	\$	\$	\$	\$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$	\$	\$	\$	\$
14. Non-Federal					
15. TOTAL (sum of lines 13 and 14)	\$	\$	\$	\$	\$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$	\$	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16-19)	\$	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:	22. Indirect Charges: 45.0% Base = Total direct costs less capital expenditures and pass-through funds (See attached ICNA)
23. Remarks:	

F4

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

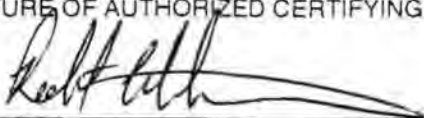
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Executive Director
APPLICANT ORGANIZATION Squaxin Island Tribe	DATE SUBMITTED 2/29/00

Budget Narrative

Personnel supported by salary items will be a Watershed Biologist/Planner at 0.45 FTE for one year, and a Watershed Hydrologist at 0.20 FTE for one year. These positions will be overseen by the Environmental Director at approximately 0.05 FTE. The Director's costs are included as the Tribal matching share. Fringe is included at 30% of gross salary cost.

Supplies and equipment include those items necessary for collecting water quality samples, as well as maps and GIS software used for planning and analysis. Water quality samples taken on Skookum and Little Creek, and fecal coliform samples on all streams will be sent to certified laboratories as indicated in the Tribe's QA/QC. This will save staff time since Skookum Creek sampling is quarterly. Mason County lab will do bacterial counts; Water Management Laboratories in Tacoma will do chemical tests.

Ten Onset temperature probes will need to be purchased for continuous monitoring as part of the temperature study.

Purchase of landuse data and digital orthophotography from the state Department of Natural Resources may be required.

Travel Local trips will be primarily for water quality sampling on streams around the Reservation and throughout the Tribe's Usual and Accustomed Area although most of the travel this year will be in Mason County. This category will also include regular trips to the Mason County water quality laboratory for delivery of samples, and trips to a local drop-off point for water quality samples going to Tacoma for analysis. Estimated visits to Department of Ecology for training and project coordination have also been included. Long distance travel will include one trip to the University of Washington for a literature search pursuant to data analysis and presentation.

Budget Worksheet

	<u>Tribal</u>	<u>106</u>
	<u>Funds</u>	<u>Program</u>
Environmental Director 0.05 FTE	\$ 1,668	
Watershed Biologist/Planner .45 FTE		\$ 17,915
Watershed Hydrologist .20 FTE		7,962
Fringe @ 30%	501	7,763
Subtotal	2,169	33,640
Travel		
A1a. 12 trips to Shelton @ 20 mi /rnd trip @ \$0.325/mi		78
A2b 20 days of sampling, ave. 50 mi/rnd trip @ \$0.325/mi		325
B2 Est 35 days of sampling, ave. 50 mi/trip @ \$0.325/mi		569
C1 5 trips to Olympia @ 50 mi/rnd trip @ .325		81
C2 Est 10 field days, ave. 50 mi/trip at @ \$0.325/mi		163
Training (sampling and analysis)		440
Subtotal		1,656
Supplies		
Lab supplies (dissolved oxygen probe, Hach reagents)		600
Field supplies (clipboards, field vests boots, flagging, paper)		200
Office supplies (maps, mylar, map lamination, etc)		100
GIS coverages		100
Subtotal		1,000
Equipment		
10 Onset Stow-a-way Optic Temp Probes @ 129 ea		1,290
Bay Station Optic Adapter		85
Subtotal		1,375
Laboratory Analysis (52 coliform counts; 36 chemical tests)		3,538
Subtotal		41,209
Indirect @ 45.6%	989	18,791
Total	\$ 3158	\$ 60,000

Budget Narrative

Personnel supported by salary items will be a Watershed Biologist/Planner at 0.10 FTE for one year, and a full time Resource Technical Specialist for four months. These positions will be overseen by the Environmental Director at approximately 0.05 FTE. The Director's costs are included as the Tribal matching share. Fringe is included at 30% of gross salary cost.

Supplies and equipment include those items necessary for collecting water quality samples (grab samplers, bottles, clipboards), upkeep on equipment, and reagents for tests performed in-house. Fecal coliform samples on all streams will be sent to Mason County water quality lab in Shelton; most chemical tests will be performed at Water Quality Management Labs in Tacoma.

Travel Local trips will be primarily for water quality sampling on streams around the Reservation and throughout the Tribe's Usual and Accustomed Area. This category will also include regular trips to the Mason County water quality laboratory for delivery of samples, and trips to a local drop-off point for water quality samples going to Tacoma for analysis. Estimated visits to Department of Ecology for training and project coordination have also been included.

Budget Worksheet

	<u>Match</u>	<u>319</u>
Environmental Director 0.05 FTE	\$792	
Watershed Biologist/Planner .13 FTE		\$5,278
Resource Technical Specialist, 4 month temporary hire		6,500
Fringe @ 30%	238	3,534
Subtotal	1,030	15,312
Travel		
A1a. 10 trips to Shelton @ 20 mi /rnd trip @ \$0.325/mi		65
A2b 15 days of sampling, ave. 50 mi/rnd trip @ \$0.325/mi		244
B1-3 Associated meetings and other trips to Shelton @ 20 mi/rnd trip @ \$.325/mi x est. 15 trips		98
Subtotal		407
Supplies		
Field supplies (clipboards, field vests boots, flagging, paper, replacement dissolved oxygen and pH probes, calibration reagents)		687
Office supplies (cardstock and printing costs for pamphlets)		500
Subtotal		1,187
Total Direct		22,291
Indirect @ 45.6%	470	7,709
Laboratory Analysis (56 coliform counts; 56 chemical tests)*		5,385
Total	\$1,500	\$30,000

* contracts > \$5,000 not subject to indirect

Budget

Personnel supported by salary items will be a Watershed Biologist/Planner at 0.55 FTE for two years, a Watershed Hydrologist at 0.40 FTE, and a GIS Technician at .25 FTE, each for two years. These positions will be overseen by the Environmental Director at 0.10 FTE. Fringe is included at 30% of gross salary cost.

Travel includes ground transportation to meetings, conferences, and trainings throughout the Puget Sound area and Pacific Northwest. Site visits to Washington Tribes with model stormwater management programs is also included.

Supplies will include recent black and white aerial photography for the entire U&A, maps, ArcView GIS software acquisition for habitat and water quality modeling, and GIS data layers. Training will include hydrological modeling, stormwater management and ordinance writing, and GIS.

Budget Worksheet

	FY 2000	FY 2001
Environmental Director 0.1 FTE	\$ 4,500	\$ 4,500
Watershed Biologist/Planner .55 FTE	21,896	22,991
Watershed Hydrologist .4 FTE	15,924	16,720
GIS Technician @ .25 FTE	7,963	8,360
Fringe @ 30%	15,085	15,772
Subtotal	65,368	68,343
Travel		
Conferences (American Water Resources Conference, American Fisheries Society Chapter and Division Conferences, Center for Streamside Studies Annual Review, etc.)	2,000	2,000
Meetings (NWIFC, bimonthly Tribal Water Quality and GIS meetings throughout Puget Sound, EPA TEA development)	250	250
Site visits to Tribes with environmental ordinances and stormwater facilities	450	
Training (Stormwater planning and management, groundwater modeling, GIS applications, etc.)	2,500	2,000
Subtotal	5,200	4,250
Supplies (ArcView Spatial Analyst, air photos, maps, GIS layers, report binding, film for site documentation, software upgrades, etc.)	4,982	2,956
Indirect @ 45.6%	34,451	34,451
Total	110,000	110,000

SQUAXIN ISLAND TRIBE
Section 106 Water Pollution Control Program
FY 2000
Scope of Work

Introduction

One of the goals of the Squaxin Island Tribe Natural Resources Department is to restore and maintain functional aquatic habitats for the perpetuation of naturally reproducing finfish and shellfish populations. Monitoring the quality and quantity of water resources on the reservation and in those watersheds that flow through or around reservation lands is essential to fulfilling that goal. As cuts in state and county budgets reduce the amount of effort that these agencies are able to put into water quality monitoring programs, Tribal data collection will become increasingly important. Creation of a comprehensive database for tracking water quality data collected by county, state, federal, and Tribal programs will be crucial for identifying sources of fecal coliform, temperature, and fine sediment that affect finfish and shellfish resources on and around the reservation. This effort will be facilitated by the use of Geographic Information Systems (GIS) software and Global Positioning Systems (GPS) technology.

Along with monitoring, another of the Tribe's objectives under the CWA 106 program is to create an integrated water quality program for the reservation and surrounding watersheds. During the past two years, Tribal staff have completed a series of freshwater, marine, and groundwater assessments to identify limitations to water quality and quantity in Skookum Inlet and other watersheds that impinge upon Squaxin Island. Following an adaptive management process, this information will be applied towards expanding and fine-tuning monitoring efforts, and identifying pollution sources for later action.

Goals and Objectives

One of the goals of the Squaxin Island Tribe is to restore habitat to a fully functional condition for the perpetuation of naturally reproducing shellfish and salmon stocks. The CWA 106 program will assist the Tribe in meeting this goal by funding a comprehensive monitoring program to identify those watersheds most in need of restoration and protection, and therefore allowing the Tribe to more effectively select areas in which to target its efforts. Pursuant to this goal, the Squaxin Island Tribe's FY2000 workplan will consist of the following four objectives:

- A. Expansion of surface water quality monitoring from Skookum Inlet watershed to several other watersheds around the reservation.
- B. Development of an instream flow and water withdrawal monitoring program on streams for which flow has been identified as a limiting factor.
- C. Initiation of a comparative study of temperature on two streams to determine the relative influence of natural factors versus land management on stream heating.
- D. Expansion of a spatial database for managing Tribal water quality data as well as water quality data collected by the state Department of Ecology and Department of Health.

Proposed Projects

A. Surface Water Quality Monitoring

Skookum Creek Watershed. Skookum Creek and its tributary Little Creek flow through the reservation near the Hwy 101 and State Route 108 junction in Kamilche. An assessment of surface water quantity and quality in the watershed identified fecal coliform, dissolved oxygen, turbidity, and sediment fines as factors affecting water quality which will necessitate continued monitoring. Additionally, Skookum Creek has been placed on the 303(d) list for fecal coliform, warranting further study in preparation for a later TMDL. Elevated temperature in Skookum Creek as a result of riparian disturbance, and decreasing low flows in Little Creek due to possible water withdrawals have also been identified as potential concerns, but a lack of data on these conditions warrants further investigation.

To address these issues, this proposal will:

1. Monitor water quality every three months at eight stations established on Skookum Creek and its tributary Little Creek. Sampled parameters will include: fecal coliform, nitrogen (ammonia, nitrates, nitrites), phosphorous, pH, temperature, turbidity, and conductivity. Take station location with GPS.
2. Enter data into an Access database with linkages to spatial data layer of station locations in GIS.
3. Work through the state Department of Ecology or other agency to obtain additional training in establishing and managing an effective monitoring program.

Products: Quarterly water quality data in a spatial database

Oakland Bay/Hammersley Inlet Watershed. Oakland Bay flows into Hammersley Inlet which in turn enters Pickering Passage across from Squaxin Island. An assessment of major tributaries to Oakland Bay and Hammersley Inlet identified fecal coliform, dissolved oxygen, turbidity, and sediment fines as factors affecting water quality that will necessitate continued monitoring.

Fecal coliform in particular has been a chronic problem for many years in both fresh and marine waters, and the bay has subsequently been listed as conditional for shellfish harvest. Six water bodies (Oakland Bay, Shelton inner harbor, and Shelton, Goldsborough, Uncle John and Campbell Creeks) were placed on the 1998 303(d) list for high fecal coliform. Sources include stormwater overflows from the city of Shelton, poorly sited or maintained on-site septic systems in Shelton and along shorelines, and livestock access to stream channels on farms at the head of the bay. Stormwater upgrades and the closure of a waterfront industrial laboratory are expected to produce some improvement in water quality in Shelton Inner Harbor, now on the 303(d) list for fecal coliform. However, little is being done to monitor or address the effects of failing on-site septic systems and livestock management practices on watersheds at the head of Oakland Bay. Data collected will be applied towards developing a fecal coliform TMDL for Oakland Bay.

To address these conditions, this proposal will:

1. Sample streams identified as water quality limited in the Oakland Bay/Hammersley Inlet watershed. Sampling will be done during low-flow (August – October), and include physical measurements of turbidity, temperature, dissolved oxygen, pH taken with a hand-held meter, chemical measurements of nitrogen and phosphorous made with a Hach test kit, and fecal coliform counts made at the Mason County water quality lab.
2. Enter data into an Access database with linkages to spatial data layer of station locations in GIS.
3. Work through the state Department of Ecology or other agency to obtain additional training in establishing and managing an effective monitoring program.

Products: Annual water quality data in a spatial database

B. Instream flow monitoring

In accordance with minimum instream flow standards established for Oakland Bay and Little Skookum Inlet tributaries by the state Department of Ecology, all major tributaries to Oakland Bay, one major tributary to Hammersley Inlet (Mill Creek), and Skookum Creek are closed to appropriations during late summer and fall with the exception of upper Mill (Gosnell) Creek, which is closed year round. Streamflow criteria set by the state are intended to preserve sufficient flow for aquatic resources. However, there is no regular monitoring of stream flow to determine if standards are being met, nor are permits for water withdrawals reviewed to determine if surface water is being overallocated. There are currently no active USGS stream gauging stations, and the last available data are over 20 years old.

Annual 7-day low flow measurements are needed on major tributaries to determine if minimum stream flow targets are being met, and new surface water withdrawal permits tracked for streams with insufficient flow. This proposal will address these issues in the following ways:

1. Establish monitoring stations on seven streams identified through watershed assessment as low flow limited and collect seven days of low-flow data at each station in late summer.
2. Enter data into a spatial database. Compare results with USGS data from 1940 – 1980 on monitored streams, as well as to data from adjacent watersheds to determine if there are significant differences. Compare data with literature values for salmonid rearing and spawning requirements to determine if Tribal resource goals are being met.
3. Negotiate with the Department of Ecology to establish a more active Tribal role for review of permits issued in watersheds where low flows are of concern. Provide comment on permit conditions and oppose where necessary to protect instream resources.

Products:

1. Streamflow data in a spatial database

2. Initial determination of whether stream flows meet requirements for salmonid production
3. Permit tracking system for monitoring additional water withdrawals.

C. Temperature study

Five Oakland Bay/Hammersley Inlet streams have regularly exceeded state temperature standards, and six fail to meet riparian goals for streams with Class AA water quality standards established by the State Forest Practices Board. Stream heating reduces oxygen to developing salmon eggs and fry, and chronic high temperatures can be lethal to both adult and juvenile salmonids. In Mill Creek, summer snorkel surveys showed coho are almost entirely absent below Lake Isabella, while more temperature-tolerant species such as dace and shiner are prevalent.

Removal of riparian trees and shrubs from streambanks is relatively commonplace around Oakland Bay, particularly on small farms and residential areas where stream access is desired, and may partly explain summer temperature exceedances. However, other factors such as low gradients, high sediment volumes, shallow channels, and headwater lakes and wetlands that characterize many South Puget Sound streams may elevate summer stream temperatures above state standards. A recent temperature TMDL completed by Simpson Timber Company assigned headwater streams in the Mill and Goldsborough watershed to different temperature classifications based on geomorphology and potential riparian condition. With this information, stream reaches most affected by management regimes can be targeted for restoration.

A better understanding of the natural processes underlying stream heating would assist Tribal staff in formulating effective restoration projects for temperature-limited watersheds. As a first step in collecting this information, this proposal will:

1. Consult with Department of Ecology's Environmental Assessment Lab to develop a sampling plan and determine what analyses will be needed.
2. Establish continuous temperature monitoring stations at three locations apiece on two temperature-limited streams. Selected streams will have lakes on the main channel. Air and water temperature will be collected with Onset temperature probes at hourly intervals for three months; this will necessitate having two probes per station. Data on riparian condition, channel width and depth, streamflow, and groundwater flow will be taken at each station.
3. Analyze data to determine if parameters measured are sufficient to separate natural from anthropogenic effects, and monitoring strategies adjusted accordingly.

Products:

1. Spatial database of temperature changes at each monitoring station
2. Initial assessment of influences on stream temperature

D. Spatial database development.

During the past five years, the Tribe has expanded its GIS capabilities with the purchase of ArcView and ArcInfo software programs, purchase of a GPS unit for collecting field data, and

acquisition of spatial data layers from the state and counties depicting hydrography, soils, shellfish beds, roads, and other features. This system has proved invaluable for creating maps depicting the location and condition of Tribal resources. However, the analytical capability of GIS has yet to be fully utilized. Databases of water quality and streamflow measurements need to be created and linked to GIS coverages to enable biologists to make spatial queries of any monitoring station on or near the reservation. In this manner, users can correlate monitoring data with changes in landuse, local ordinances, or other factors that may influence water quality or quantity. A spatial database will also facilitate restoration planning by allowing Tribal staff to visualize where finfish and shellfish production are most at risk, and develop effective management plans to protect these areas.

To accomplish these goals, this proposal will:

1. Acquire spatial data from counties, state, and federal agencies for use in identifying point and non-point pollution sources.
2. Build a water quality database using Tribal monitoring data. Integrate Tribal ambient monitoring data, marine fecal coliform counts from the state Department of Health, and other related datasets. Coordinate efforts with other Tribes through continued participation on the Coordinated Tribal Water Quality Database Committee.

Products:

1. Comprehensive data library of GIS layers to use in analyzing water quality and quantity issues
2. Water quality database with links to spatial data layers

Project Timeline

In addition to the activities identified above, quarterly reports will be prepared on the development of resource protection strategies. It is likely that portions of the strategy implementation will carry beyond the funding cycle of this project, and will have to be addressed in subsequent years.

ACTIVITIES	MONTHS											
	1	2	3	4	5	6	7	8	9	10	11	12
A. Surface Water Quality Monitoring												
1. Skookum Creek												
a. Quarterly sampling		*			*			*			*	
b. Data entry and analysis			*			*			*			*
2. Oakland Bay/Hammersley Inlet												
a. Annual sampling				-----								
b. Data entry and analysis						-----						
B. Streamflow monitoring												
1. 7-day low flow measurements				-----								
2. Data entry and analysis						-----						
3. Permit tracking												-----

C. Temperature study

- 1. Consult with WDOE *
- 2. Place/remove probes and measure habitat -----
- 3. Data entry and analysis -----

D. Spatial database development

- 1. Acquire spatial coverages -----
- 2. Build water quality database and build links -----

Quarterly Reports

* * * *

Monthly Schedule

- A1a. Quarterly sampling Aug, Nov, Feb, May
- A1b. Data entry and analysis Sept, Dec, Mar, June
- A2b Annual sampling Aug – Sept
- A2c Data entry and analysis Nov – Dec
- B1 Flow measurements Aug – Oct
- B2 Data entry and analysis Nov – Dec
- B3 Permit tracking July - June
- C1 Consult with WDOE July
- C2 Place/remove probes, measure habitat July – September
- C2 Data entry and analysis Nov – June
- D1 Acquire spatial data Nov – June
- D2 Build database and links Nov - June
- Quarterly reports Sept, Dec, Mar, June

SQUAXIN ISLAND TRIBE
Section 319 Nonpoint Source Control
FY 2000
Workplan

A nonpoint source assessment completed both for reservation lands and the Tribe's Usual and Accustomed (U&A) treaty fishing area found every major watershed to have at least one impaired waterbody that failed to meet either state water quality standards or Tribal natural resource goals. Fecal coliform, fine sediments, and high temperatures were identified as common pollutants throughout all watersheds, while heavy metals and organics were more often encountered in the urbanized areas of the U&A. Primary sources of pollution included agricultural activities such as streamside grazing and livestock waste management, on-site septic systems, stormwater runoff, and grading and clearing.

The Squaxin Island Tribe's Nonpoint Pollution Management Plan advocates reduction of nonpoint pollution through a combination of restorative and preventative measures. On reservation lands, emphasis will be placed on developing environmental ordinances to reduce and mitigate the impacts of planned commercial and residential development near environmentally sensitive areas. In watersheds that surround the Reservation, Tribal staff will work cooperatively with counties and conservation districts to identify agricultural landowners in watersheds where finfish and shellfish resources are most at risk, and to design restoration projects to restore riparian function and natural channel processes.

Key to efforts both on and around the reservation will be monitoring and education. Establishment of baseline monitoring stations in watersheds targeted for restoration will allow direct comparison of water quality before and after implementation of runoff Best Management Practices (BMPs). These data will give feedback on the success of BMPs in reducing nonpoint pollution, and allow design improvements to achieve higher levels of reduction. Education is critical for changing behaviors that perpetuate nonpoint pollution, including poor livestock management, removal of riparian vegetation, and grading and clearing near stream channels. Both elements will form the core of the Tribe's Section 319 water quality program, and are included in Squaxin Island's FY2000 request for base funding.

Project Location

Proposed projects will take place in watersheds on the reservation, and in the surrounding treaty fishing area, including much of South Puget Sound. Particular attention will be given to Little Skookum Inlet and Oakland Bay/Hammersley Inlet watersheds as habitat and water quality assessments have already been completed for these areas.

Project Goals and Objectives

One of the goals of the Squaxin Island Tribe is to restore habitat to a fully functional condition for the perpetuation of naturally reproducing shellfish and salmon stocks. Achieving this goal will require both restorative measures to reverse the trend in water quality degradation, and

preventative measures to change behaviors that result in the perpetuation of nonpoint pollution. Within this context, the objectives of the CWA Section 319 program will be to:

1. Maintain and expand baseline water quality monitoring on and off of the reservation, coordinating monitoring efforts with what is already being done by state and local governments, and using collected data to update existing water quality and habitat assessments
2. Educate local land owners, Tribal staff, and the Tribal community to encourage new ways of thinking about nonpoint pollution. This will be particularly critical in the rural parts of the county, which have traditionally been resistant to attempts by local governments to modify behavior.

Project Proposals

A. Expansion of baseline monitoring

On Reservation

The mainland reservation lies entirely within the Little Skookum Inlet watershed, and is crossed by several small drainages and by Skookum Creek. To the east of Tribal housing, a tributary less than three feet wide and approximately 1.5 miles long drains from a wetland into Little Skookum Inlet. Impacts to this stream include timber harvest on Simpson Timber Company land adjacent to the reservation, peat mining by a local resident, and a proposed Tribal housing project. Several other small tributaries drain the steep slopes between the Reservation and Little Skookum Inlet. The Tribe's waste treatment plant and the septic systems of private residences below the reservation are potential pollution sources for these streams.

To the west in the Kamilche Valley along US Hwy 101, Reservation land extends for several hundred feet along Skookum Creek, which receives stormwater runoff from the Tribal casino and surrounding commercial facilities. Farmland above and below the reservation has also contributed to very high fecal coliform concentrations in the past. Results of Tribal bacterial monitoring placed Skookum Creek on the 1998 303(d) list. Conditions of high turbidity and low dissolved oxygen have also been recorded.

The Tribe monitors temperature, turbidity, pH, nutrients, and fecal coliform at quarterly intervals on Skookum and Little Creeks on and above the reservation. No other water quality data are being collected on reservation lands.

This proposal will maintain monitoring on Skookum and Little Creeks, and establish additional stations on tributaries draining the upland portion of the reservation below the housing and wastewater treatment facility. Physical, chemical, and fecal coliform data will be collected for each station as well as stream flow during the summer. The data will be entered into a GIS

system and used to target restoration projects, develop a TMDL, and reduce the impacts of Tribal construction and local agriculture on water quality.

Tasks

1. Continue quarterly monitoring at established Skookum and Little Creek monitoring stations
2. Establish monitoring stations for tributaries draining Tribal housing area
3. Enter data into an Access database with linkages to spatial data layer of station locations in GIS.
4. Develop cooperative agreements with counties for data collection and analysis.

Products

1. Monitoring data for development of a TMDL for Skookum Creek
2. Reduction of effects of upland activities on Inlet water quality
3. Spatial database

Usual and Accustomed Area

Oakland Bay flows into Hammersley Inlet, which in turn enters Pickering Passage across from Squaxin Island. An assessment of major tributaries to Oakland Bay and Hammersley Inlet identified fecal coliform, dissolved oxygen, turbidity, and sediment fines as factors affecting water quality that will necessitate continued monitoring.

Fecal coliform in particular has been a chronic problem for many years in both fresh and marine waters, and the bay has subsequently been listed as conditional for shellfish harvest. Six water bodies (Oakland Bay, Shelton inner harbor, and Shelton, Goldsborough, Uncle John and Campbell Creeks) were placed on the 1998 303(d) list for high fecal coliform. Sources include stormwater overflows from the city of Shelton, poorly sited or maintained on-site septic systems in Shelton and along shorelines, and livestock access to stream channels on farms at the head of the bay. Stormwater upgrades and the closure of a waterfront industrial laboratory are expected to produce some improvement in water quality in Shelton Inner Harbor, now on the 303(d) list for fecal coliform. However, little is being done to monitor or address the effects of failing on-site septic systems and livestock management practices on watersheds at the head of Oakland Bay. Data collected will be applied towards developing a fecal coliform TMDL for Oakland Bay.

Monitoring of Oakland Bay and Hammersley Inlet streams has been sporadic since Mason County shifted its focus to other watersheds. The Tribe monitored most major tributaries annually between 1995 and 1998, although the data were not subject to QA/QC, and sampling locations were not consistent. Aside from state monitoring at one station on Goldsborough Creek, no other water quality data are known to have been collected during the past few years.

The Tribe's nonpoint plan will establish at least three monitoring stations on each of seven major tributaries to the bay, including all 303(d)-listed streams, and take biannual measurements of physical, chemical, and bacterial parameters. The data will be used to target riparian restoration and to develop a TMDL for fecal coliform.

Tasks

1. Monitor water quality at approximately 24 stations through the Oakland Bay/Hammersley Inlet watershed.
2. Enter data into an Access database with linkages to spatial data layer of station locations in GIS.
3. Develop cooperative agreements with counties for data collection and analysis.

Products

1. Monitoring data for development of a TMDL for Oakland Bay.
2. Spatial database

B. Nonpoint source education

Landowners in the rural areas of the Tribe's U&A have traditionally been wary to approaches by government agencies such as the Conservation District to change the way in which they manage their land. Voluntary education in the form of newspaper articles and pamphlets is a way of providing rural residents with information on the effects of land management activities in a non-invasive way. This proposal will generate educational materials both for county and Tribal residents. Tribal media will be aimed at educating members about ways in which their activities affect reservation water supplies, and how development activities on the reservation may impact surface waters of the Little Skookum watershed. Local newspaper articles will be directed towards a broader audience of small farm and timberlot owners, and will emphasize the impacts of these activities on water quality and fisheries.

Tasks

1. Prepare articles and guest editorials for community newspaper detailing the effects of nonpoint pollution on aquatic ecosystems.
2. Prepare educational pamphlets for Tribal community educating residents about nonpoint pollution
3. Develop education grants with Mason County Conservation District emphasizing outreach activities for small landowners and local schools

Products

1. Informational articles and pamphlets
2. Grants for additional environmental education projects

Project Timeline

<u>ACTIVITIES</u>	<u>MONTHS</u>											
	1	2	3	4	5	6	7	8	9	10	11	12
A. Expansion of baseline monitoring												
1. Quarterly monitoring	*			*			*			*		
2. Biannual monitoring			*							*		
3. Data entry and analysis		*			*			*			*	
4. Cooperative agreements	-----											
B. Nonpoint pollution education												
1. Newspaper articles	-----											
2. Educational pamphlets	-----											
3. Grant development	-----											

Monthly Schedule

A1. Quarterly sampling	Jul 2000, Oct 2000, Jan 2001, Apr 2001
A2. Biannual monitoring	Sep 2000, Apr 2000
A3. Data entry and analysis	Aug 2000, Nov 2000, Feb 2001, May 2001
A4. Cooperative agreements	June 2000 – June 2001
B1. Newspaper articles	June 2000 – June 2001
B2. Educational pamphlets	June 2000 – Dec. 2000
B3. Grant development	Nov 2000 – Mar 2001

SQUAXIN ISLAND TRIBE
EPA General Assistance Program (GAP)
FY 2000-2001
Scope of Work

Introduction

On the Squaxin Island Reservation, and within the rural portions of the Tribe's Usual and Accustomed fishing area, watershed assessments performed as part of FY1998 and 1999 GAP workplans identified fecal coliform, fine sediment, and elevated freshwater and marine temperatures as significant sources of water quality degradation. These conditions are further exacerbated by ground and surface water withdrawals and hydromodifications that reduce streamflow available for salmonid spawning and rearing. The continuing degradation of water quality and habitat are contrary to the Tribe's goal of ensuring the health and sustainability of finfish and shellfish resources throughout its treaty fishing area.

Primary sources of degradation are timber harvest, agriculture, and stormwater runoff. Septic system failures, livestock stream access, and farm waste management contribute to high fecal coliform concentrations, necessitating frequent closure of shellfish beaches during periods of heavy rainfall. Coarse and fine sediments originate both from agricultural practices and timber harvest, although there is a cumulative effect from a plethora of construction sites and gravel mining operations that are more or less unregulated in the less well-funded, rural counties. Often, these same activities also disturb riparian areas, opening more stream channel to direct sunlight and heating the water to levels exceeding the preferred range for trout and salmon. Tribal fish population inventories suggest that stream heating has produced changes in species assemblages in at least one creek, and possibly increased the occurrence of salmonid fungal disease.

On the reservation, barriers to change include a lack of coordination among Tribal departments, and a lack of environmental ordinances that clearly identify where and how Tribal resources should be protected as reservation housing and commercial facilities are expanded. A lack of codified environmental regulations has encumbered efforts to identify and prevent stormwater runoff problems and localized habitat degradation caused by commercial facilities at Kamilche. An immediate priority will be the development of stormwater best management practices (BMPs) for new construction, implementation of a well head protection plan, and the education of Tribal community and staff on the need for both surface and groundwater resources. Bank protection and riparian restoration work for Tribal lands along Skookum Creek are also planned to reduce the effects of stormwater runoff from commercial development in the Kamilche valley, and bank erosion from livestock grazing.

The Tribe also has a vested interest in habitat and water quality conditions within its Usual and Accustomed (U&A) treaty fishing area, for which the Medicine Creek Treaty has given the Tribe co-management responsibility for fisheries resources in cooperation with the State Department of Fish and Wildlife. In this area, which extends from the Narrows south to the major inlets of South Puget Sound, barriers to change include a lack of information sharing, lack of resources in

rural counties, and a lack of coordination to encourage implementation of voluntary BMPs. Thurston County has been very proactive in assembling and disseminating water quality data, and integrating into county planning efforts. Other counties have been somewhat less responsive, particularly in the less populated watersheds. Mason County, which struggles to maintain basic services, has discontinued its water quality monitoring program within the Squaxin Island Tribe's U&A. Continued Tribal involvement in local planning efforts and the development of Tribal technical expertise will be especially critical to resource protection in these areas.

Environmental Issues of Highest Concern for the Tribe

1. Shellfish habitat degradation by pollution from waters flowing into estuaries of the Tribe's Usual and Accustomed Area (U&A), risking the Tribe's treaty reserved and protected shellfish harvest
2. Salmonid habitat degradation and destruction in the streams, lakes, and estuaries critical to the existence of the Tribe's treaty reserved and protected salmonid fishery
3. Protection and preservation of groundwater resources on and around the Tribe's Reservation lands.

Goals and Objectives

One of the goals of the Squaxin Island Tribe is to restore habitat to a fully functional condition for the perpetuation of naturally reproducing shellfish and salmon stocks. Funding through FY2001 GAP will address this goal through planning, modeling, and habitat assessments that will provide the Tribe with information for initiating a restoration program in two major watersheds, and for encouraging the strengthening of local and state environmental policy. The proposed workplan will meet the following four objectives:

- A. Development of a Tribal environmental program that emphasizes the application of available state and federal BMPs to prevent or reduce stormwater runoff, streamlines Tribal planning, and establishes a framework for more effective communication among Tribal planning, natural resource, and utilities maintenance departments.
- B. Continuation of ongoing watershed assessment and restoration planning processes.
- C. Creation of a groundwater model that is applicable to the South Sound region, and will allow assessment of the effects of ground and surface water withdrawals on surface water base flows and ultimately on salmonid spawning and rearing. Information gained through modeling will be used at the technical level to select watersheds for protection and restoration, and at the policy level to support reforms for monitoring permit issuance and water use.
- D. Expansion of the Tribe's role in reviewing and tracking environmental permits and in participating in watershed planning groups and other cooperative enterprises where Tribal technical information and expertise will ensure the application of sound science in management decisions.
- E. Improved coordination of environmental permit reviews and permit tracking to evaluate the cumulative effects of development.

- F. Enhanced cooperation between the Tribe and EPA Region 10 through completion of a Tier 2 Tribal Environmental Agreement.

Proposed Projects

A. Tribal environmental ordinances

On the mainland reservation, approximately one tenth of the land base has now been converted to impervious surfaces, including the Tribe's casino, trading post, and transportation hub in the Kamilche Valley adjacent to Hwy 101, and Tribal housing on a ridge between Little Skookum and Totten Inlets. Total discharge from the commercial area in Kamilche is significant in part because the soils in the valley are poorly drained, causing rapid formation of overland flow during heavy winter rains. Soils on the upslope areas around the housing area are somewhat better drained, but adjacent hillslopes conduct all runoff directly to Little Skookum Inlet. Expansion of casino facilities, construction of a 40-acre housing development, and widening of the main road to the reservation will increase net runoff and potentially degrade both fresh and marine water quality.

At present, the Tribe has a limited number of programs to deal with on-reservation nonpoint pollution, and environmental ordinances that address the use of BMPs to control construction site erosion and runoff. Instead, site management has been done by consultants on a project-by-project basis without monitoring or later maintenance and improvements to constructed systems. Reservation construction projects planned for the upcoming year will necessitate preparation of ordinances to provide a consistent, adaptive management approach to reducing runoff and protecting water quality in the Skookum and Totten Inlet watersheds. This proposal will prepare ordinances that prescribe BMPs for stormwater runoff and source control for all construction activities on reservation lands.

FY 2000

1. Create a Tribal committee with staff from natural resources, planning, and utilities Departments to coordinate creation and adoption of stormwater ordinances.
2. Establish staff training plan for stormwater management and planning.
3. Visit other Tribes with environmental ordinances.
4. Prepare articles on the impacts of stormwater runoff and the need for nonpoint pollution control for the Tribal newspaper.
5. Develop a pilot stormwater ordinance.

Products

1. Steering committee for ordinance development and implementation.
2. Series of public education articles on stormwater runoff.
3. Pilot environmental ordinance(s) addressing stormwater runoff and source control.

FY 2001

1. Implement pilot stormwater ordinance for construction of new Tribal housing and development of a stormwater plan for the Tribe's commercial area in Kamilche. Through an adaptive management process, the Tribal steering committee will monitor and critique implementation of BMPs and update ordinances as necessary.
2. Continue public education campaign for Tribal members, emphasizing the need for responsible development and stormwater management.
3. Continue staff training in stormwater management as necessary.
4. Identify and map critical areas on the Reservation most likely affected by stormwater and erosion.
5. Establish a BMP effectiveness monitoring program to assess the effects of housing development runoff on Snodgrass Creek and small tributaries to Totten Inlet. Perform quarterly monitoring of physical and chemical parameters of affected streams to determine if BMPs are functioning as anticipated, and recommend changes to the steering committee as needed.

Products

1. Pilot environmental ordinance(s) addressing stormwater runoff and source control.
2. Series of public education articles on stormwater runoff.
3. Map of critical habitat areas on the Reservation.
4. BMP effectiveness monitoring program.

B. Limiting factors analysis

In many of the rural watersheds within the Tribe's Usual and Accustomed Area there has been little effort to develop comprehensive watershed plans to address limiting factors to salmonids and shellfish. In the absence of strong local government coordination, the Tribe has often been the best source of information on habitat condition, a role which has enhanced Tribal influence and facilitated participation in efforts such as Salmon Recovery Act planning. In the future, information gathered by the Tribe will be essential to developing habitat restoration and protection projects to reverse the degradation of finfish and shellfish habitat.

This project will continue the Tribe's watershed planning efforts by developing comprehensive limiting factors analyses for watersheds within the Tribe's treaty fishing area. The information will be used to develop restoration plans that will address limiting factors to natural resources. In the process, databases will be developed to assist Tribal resource managers in accessing and using data, and enable the Tribe to further develop its role as a clearinghouse for water quality and habitat information within the U&A.

FY2000

1. Collect and summarize information pertaining to water quality conditions both past and present. Document the dates and locations of all monitoring and restoration efforts, and determine future data needs. Identify plausible causal mechanisms to explain trends in water quality and predict likely future conditions.
2. Design specific restoration and protection strategies that will reduce or mitigate pollution inputs and changes in hydrologic function as a result of anthropogenic influences. Strategies will be address ecosystem-level processes by incorporating elements of Tribal fisheries, habitat, and water quality programs.
3. Develop a Memorandum of Agreement with Mason County Conservation District to share information on BMP selection and implementation, and to develop a cooperative process for targeting watersheds and identifying landowners for farm plan development.
4. Concurrent with watershed assessments, develop spatial and statistical tools to synthesize and analyze data, and create databases for data storage and analysis. Create a spatial data library and acquire the tools necessary for accessing, analyzing, and publishing graphical information. Purchase ArcView Spatial Analyst for more accurate delineation and modeling of basin hydrology with 3-D Digital Elevation Models, and train staff in its use at BIA Geodata Service Center in Denver.
5. Attend trainings and conferences to develop staff skills in watershed assessment and management, including American Water Resources Association, American Fisheries Society, and Society for Ecological Restoration conferences, EPA trainings and conferences, and state or federally sponsored trainings and workshops.

Products

1. Watershed assessments for all basins within the Tribe's treaty fishing area.
2. Restoration plans for selected watersheds.
3. MOA with Mason County Conservation District
4. Spatial data library.

FY2001

1. Update existing watershed assessments and management strategies, including Unified Watershed Assessment and Nonpoint Source Assessment and Management Plans, to include most recent information.
2. Develop and oversee implementation of specific restoration and protection strategies that will reduce or mitigate pollution inputs and changes in hydrologic function as a result of anthropogenic influences.
3. Continue development of spatial and statistical tools to synthesize and analyze data, and create databases for data storage and analysis. Develop data sharing arrangements with local, state, and federal agencies to obtain regular updates.

Products

1. Updated watershed assessments and nonpoint pollution plans for all basins within the Tribe's treaty fishing area.

2. Implementation of restoration plans.
3. Spatial data library.

C. Hydrologic modeling

The State Department of Ecology has identified low flows as a concern in many watersheds within the Tribe's U&A. Conditions conducive to low summer baseflows, including low gradients and small drainage areas, have been exacerbated by ground and surface withdrawals necessitating annual closures to maintain adequate instream flows for fish. However, no attempt has been made to quantify whether the existing standards are adequate, or whether water withdrawals are exceeding the recharge capacity of many watersheds. This proposal will adapt existing USGS hydrological models to fit conditions within the South Sound regional watersheds. Predictions generated by the model will be used to explore the interactions between ground and surface water, and to determine the effects of ground and surface water withdrawals on streamflows and fish populations.

FY 2000

1. Establish staff training plan for use of USGS HSPF and MODFLOW software.
2. Locate and acquire watershed data and develop source code applications to run selected models.

Products

A groundwater model applicable to South Sound watersheds with data to run it.

FY 2001

1. Locate and acquire watershed data and develop source code applications to run selected models.
2. Continue staff training in model use and data interpretation as necessary.
3. Interpret and analyze model output. Collect necessary field data to calibrate model and make adjustments to maximize predictive capabilities.

Products

1. Predictive capacity to determine the impacts of water withdrawals on streamflows
2. Draft technical report

D. Wellhead Protection Plan

Tribal wells lack the protection necessary to minimize impacts from nonpoint pollution sources and ensure that reservation drinking water meets EPA standards. Recent observations of vehicles parked next to a casino supply well suggest an immediate need for a wellhead protection plan. This proposal will survey existing wells and provide recommendations for inclusion into an ordinance specifying minimum protections for drinking water sources.

FY2000

1. Use GPS and GIS to create an area map showing well locations on Tribal land and gather well data, including drilling method, static and drawdown elevations, and yield.
2. Visit well sites and identify potential contamination sources.
3. Prepare a wellhead protection plan and ordinance.

Products

1. Map of wells and technical report on condition.
2. Wellhead protection ordinance.

FY2001

1. Implement a monitoring plan that will include periodic field visits and water quality sampling.
2. Update ordinance based upon community and Tribal council feedback.

Products

1. Monitoring plan
2. Database of well data

E. Environmental permit review and tracking

Hydraulic Permit Applications, CWA Section 401 applications, and Shoreline Development permits provide valuable information to resource managers on the frequency and location of activities most likely to affect water quality and instream habitat. However, Tribal natural resources staff lack an effective means for summarizing data contained within the numerous applications received for a four-county area, nor is there a coordinated approach for reviewing and commenting on project proposals.

This project will create a tracking database for selected state, local, and federal permits required of projects affecting water quality and habitat within the U&A. Permits selected for inclusion will be those that yield the most information about habitat degradation, including Hydraulic Permit Applications filed with WDFW, 401 permits issued by the Army Corps of Engineers, and Shoreline Development permits issued by the county. Review of policy documents and ordinances will be coordinated among natural resources staff to ensure input by affected programs. In addition, staff will continue to attend meetings to monitor and give technical input on the development of legal processes and management decisions influencing habitat and water quality conditions.

FY 2000-2001

1. Consolidate permit receipt and review and develop a database for permit tracking and consolidate receipt of permits at one office.

2. Attend meetings and review documents and studies at all levels of policy development, including:
 - a. City and county level participation--basin stormwater and groundwater management plans, SEPA determinations, ordinances affecting natural resources
 - b. State level participation--State water quality standards and short-term modifications to those standards, anti-degradation policy, non-point source policy, NPDES permits for point source discharges, and Watershed Analysis development and implementation
 - c. Federal level participation--protection of treaty resources in the development of Aquatic Habitat Conservation Plans under Endangered Species Act jurisdiction, EPA program planning and development

Products

1. Permit database and analysis of trends.
2. Multiple comment letters and reports documenting Tribal positions on various proposals.

F. Tier II Agreement with EPA

Based upon development of a Tier 1 agreement in FY1999, complete a Tier 2 Tribal Environmental Agreement (TEA) Agreement focusing on working and governmental relationships between EPA and the Tribe.

FY2000

Work with Tribal Coordinator to prepare and sign a Tier 2 agreement.

Products

1. Complete documentation for Tier 1 and 2 agreements
2. More effective communication with EPA.

Project Timeline

In addition to the activities identified above, quarterly reports will be prepared on the development of resource protection strategies. It is likely that portions of the strategy implementation will carry beyond the funding cycle of this project, and will have to be addressed in subsequent years.

	MONTH											
	1	2	3	4	5	6	7	8	9	10	11	12
<u>FY 2000</u>												
A. Tribal environmental ordinances	-----											
B. Limiting factors analysis	-----											
B. Hydrologic modeling	-----											
C. Wellhead protection plan	-----											
D. Environmental permit review/tracking	-----											
E. TEA Tier 2	-----											
Quarterly reports			*			*			*			*

	MONTH											
	1	2	3	4	5	6	7	8	9	10	11	12
FY 2001												
A. Tribal environmental ordinances	-----											
B. Limiting factors analysis	-----											
C. Hydrologic modeling	-----											
D. Wellhead protection plan	-----											
E. Environmental permit review/tracking	-----											
Quarterly reports			*			*			*			*

Monthly Schedule

A. Tribal environmental ordinances	Sept. 2000-2001; Sept. 2001-2002
B. Limiting factors analysis	Sept. 2000-2001; June-Sept. 2001
C. Hydrologic modeling	Sept. 2000-2001; Sept. 2001-2002
D. Wellhead protection plan	Sept. 2000-2001; Sept.-Nov. 2001
E. Environmental permit review/tracking	Sept. 2000-2001; Sept 2000-2001
F. TEA Tier 2	Sept. 2000-Jan.2001
Quarterly reports	Nov. 2000, Feb 2001, May 2001, Aug. 2001 Nov. 2001, Feb 2002, May 2002, Aug. 2002

NOTE: This form must be submitted with each application.



EPA Project Control Number

United States Environmental Protection Agency
Washington, DC 20460

**Certification Regarding
Debarment, Suspension, and Other Responsibility Matters**

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of the certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Typed Name & Title of Authorized Representative

Robert Whitener, Executive Director

Signature of Authorized Representative

Date

2/29/00

I am unable to certify to the above statements. My explanation is attached.

Instructions

Under Executive Order 12549, an individual or organization debarred or excluded from participation in Federal assistance or benefit programs may not receive any assistance award under a Federal program, or a subagreement thereunder for \$25,000 or more.

Accordingly, each prospective recipient of an EPA grant, loan, or cooperative agreement and any contract or subagreement participant thereunder must complete the attached certification or provide an explanation why they cannot. For further details, see 40 CFR 32.510, Participants' responsibilities, in the regulation.

Where to Submit

The prospective EPA grant, loan, or cooperative agreement recipient must return the signed certification or explanation with its application to the appropriate EPA Headquarters or Regional office, as required in the application instructions.

A prospective prime contractor must submit a completed certification or explanation to the individual or organization awarding the contract.

Each prospective subcontractor must submit a completed certification or explanation to the prime contractor for the project.

How to Obtain Forms:

EPA includes the certification form, instructions, and a copy of its implementing regulation* (40 CFR Part 32) in each application kit. Applicants may reproduce these materials as needed and provide them to their prospective prime contractor, who, in turn, may reproduce and provide them to prospective subcontractors.


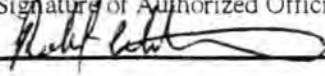
Additional copies/assistance may be requested from:

Office of Grants and Debarment
Suspension and Debarment Division
U.S. Environmental Protection Agency
401 M. Street, SW
Washington, D.C. 204060
(Telephone: (202) 260-8025)

EPA Form 5700-49 (11-88)

* Regulations available @ <http://www.access.gpo.gov/nara/cfr/waisidx/40cfrv1.html>

PLEASE NOTE: Questions concerning completion of this form should be directed to
Cecilia Contreras at (206) 553-2899.

United States Environmental Protection Agency Washington, DC 20460		FORM Approved OMB No. 2090-0014 Expires 4-30-99
 Preaward Compliance Review Report for All Applicants Requesting Federal Financial Assistance		
Note: Read instructions on reverse side before completing form.		
I. A. Applicant (Name, City, State) <i>Squaxin Island Tribe Shelton, WA</i>	B. Recipient (Name, City, State) <i>Squaxin Island Tribe Shelton, WA</i>	C. EPA Project No.
II. Brief description of proposed project, program or activity. <i>106 - Water quality monitoring and control 319 - Nonpoint source pollution prevention and control 6AP - Environmental program capacity building</i>		
III. Are any civil rights lawsuits or complaints pending against applicant and/or recipient? If yes, list those complaints and the disposition of each complaint. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
IV. Have any civil rights compliance reviews of the applicant and/or recipient been conducted by any Federal agency during the two years prior to this application for activities which would receive EPA assistance? If yes, list those compliance reviews and status of each review. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
V. Is any other Federal financial assistance being applied for or is any other Federal financial assistance being applied to any portion of this project, program or activity? If yes, list the other Federal Agency(s), describe the associated work and the dollar amount of assistance. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
VI. If entire community under the applicant's jurisdiction is not served under the existing facilities/services, or will not be served under the proposed plan, give reasons why.		
VII. Population Characteristics		Number of People
1. A. Population of Entire Service Area		<i>650</i>
B. Minority Population of Entire Service Area		<i>650</i>
2. A. Population Currently Being Served		<i>650</i>
B. Minority Population Currently Being Served		<i>650</i>
3. A. Population to be Served by Project, Program or Activity		<i>650</i>
B. Minority Population to be Served by Project, Program or Activity		<i>650</i>
4. A. Population to Remain Without Service		<i>N/A</i>
B. Minority Population to Remain Without Service		<i>N/A</i>
VIII. Will all new facilities or alterations to existing facilities financed by these funds be designed and constructed to be readily accessible to and usable by handicapped persons? If no, explain how a regulatory exception (40 CFR 7.70) applies. <i>N/A</i> <input type="checkbox"/> Yes <input type="checkbox"/> No		
IX. Give the schedule for future projects, programs or activities (or of future plans), by which services will be provided to all beneficiaries within applicant's jurisdiction. If there is no schedule, explain why. <i>Project will be completed by October 2001</i>		
X. I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		
A. Signature of Authorized Official 	B. Title of Authorized Official <i>Executive Director</i>	C. Date <i>2/27/00</i>
For the U.S. Environmental Protection Agency		
<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Authorized EPA Official	Date

EPA Form 4700-4 (Rev. 1/90) Previous editions are obsolete.

General

Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes.

Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the title shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment).

Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities.

Section 504 of The Rehabilitation Act of 1973 provides that no otherwise qualified handicapped individual shall solely by reason of handicap be excluded from participation in, be denied the benefit of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of handicap is prohibited in all such programs or activities.

The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission.

Title IX of the Education Amendments of 1972 provides that no person on the basis of sex shall be excluded from participation in, be denied the benefit of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution.

The information on this form is required to enable the U.S. Environmental Protection Agency to determine whether applicants and prospective recipients are developing projects, programs and activities on a nondiscriminatory basis as required by the above statutes.

Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission.

If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable."

In the event applicant is uncertain about how to answer certain questions, EPA program officials should be contacted for clarification.

- IA. "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance.
- IB. "Recipient" means any entity, other than applicant, which will actually receive EPA assistance.
- IC. Self-explanatory.
- II. Self-explanatory.
- III. "Civil rights lawsuits" means any lawsuit or complaint alleging discrimination on the basis of race, color, national origin, sex, age, or handicap pending against the applicant and/or entity which actually benefits from the grant. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed.
- IV. "Civil rights compliance review" means any review assessing the applicant's and/or recipient's compliance with laws prohibiting discrimination on the basis of race, color, national origin, sex, age, or handicap. If any part of the review covered the entity which will actually benefit from the grant, it should be listed.
- V. Self-explanatory.
- VI. The word "community" refers to the area under the applicant's and/or recipient's jurisdiction. The "community" might be a university or laboratory campus, or a community within a large city. If there is significant disparity between minority and nonminority populations to receive service, not otherwise satisfactorily explained, the Regional office may require a map which indicates the minority and nonminority population served by this project, program or activity.
- VII. This information is required so that reviewers may determine if a disparity in the proposed provision of services will exist in the event the application is approved for funding. Give population of recipient's jurisdiction, broken out by categories as specified.

In the event the applicant cannot provide the requested information because the funds will be distributed over a wide demographic area which is yet to be determined, an explanation may be provided on a separate sheet. For example, a State applying for a capitalization grant under the State Revolving Fund program may not know which cities and counties will apply for, and receive, SRF loans.
- VIII. Self-explanatory.
- IX. "Jurisdiction" means the geographical area over which applicant has the authority to provide service.
- X. Self-explanatory.

"Burden Disclosure Statement"

EPA estimates public reporting burden for the preparation of this form to average 30 minutes per response. This estimate includes the time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

QUALITY ASSURANCE REQUIREMENT FORM
40 CFR 30.54 AND 31.45

This program/project does NOT involve environmentally related measurement or data generation,

OR

This program/project DOES include environmentally related measurements or data generation. Environmentally related measurements or data generation deals with the collection of samples and analysis of samples in the field or at a laboratory, or the collection of environmental data in the field, such as the collection and reporting of environmental measurements or environmental observations. A Quality Assurance Project Plan (QAPP) must meet the requirement of 40 CFR 30.54 and 31.45.

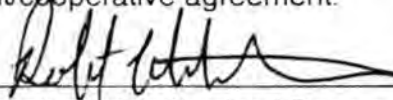
has been prepared for this project and IS ATTACHED.

was previously reviewed and formally approved by the U.S. EPA on 2/99 and is still current and applicable. (Current is defined as less than three (3) years old.)

will be prepared and forwarded to the U.S. EPA upon completion of the QAPP. Applicant understands that this QA requirement is a condition for award of the grant/cooperative agreement.

02/29/00

Date



Signature of Authorized Representative

Robert Whitener, Executive Director

Typed Name & Title of Authorized Representative

Squaxin Island Tribe

Typed Name of Applicant

Agency Use Only

EPA GRANT (PROJECT) MANAGER

EPA QA OFFICER

Signature

Date

Signature

Date

Survey of Recipient's Management Systems

Applicants for assistance under EPA agreements are required to have an adequate financial management system and audit procedure which provides efficient and effective accountability and control of all property, funds, and assets related to the agreement. This survey indicates the accounting standards that EPA considers basic to adequate Financial Management. Please mark each of these questions, **YES, NO, or N/A**, to help us and you determine whether your present systems can meet these requirements. The completed form must be signed and returned to:

Environmental Protection Agency
Grants and Acquisitions Unit
1200 Sixth Avenue, OMP-145
Seattle, Washington 98101

Accounting

- yes 1) Have project accounting records been established to record the costs applicable to the EPA agreement and other direct activities?
- yes 2) Are all costs of a project posted to these records? Are the records used as the basis for vouchers and Financial Status Reports submitted to EPA?
- yes 3) Before posting, are costs reviewed for reasonableness, allowability, and allocability to the project?
- yes 4) Are project accounts broken into subaccounts by program element or cost objective?
- yes 5) Is appropriate documentation maintained to support the costs of:
yes a) personnel?
yes b) fringe benefits?
yes c) travel?
yes d) purchases of material, supplies, and equipment?
yes e) consultants?
yes f) other costs?
- yes 6) Are costs posted in these records reflected on and reconciled with control accounts contained in the general ledger?
- yes 7) Are accounting records subjected to an independent audit at least every two years?

Personnel

- yes 8) Do personnel and/or payroll records support the time and attendance, leave, and earnings for all employees?

- yes 9) Are time distribution records maintained to show the amount of time spent on each project covered under the agreement, as well as time spent on other projects? (These records are required for all personnel spending less than full time on an individual project).
- yes 10) Are there controls to assure that personnel costs are distributed in accordance with the time distribution records?
- yes 11) Are there established procedures to govern the charges of personnel time related to partners or principals in closely held corporations?
- yes 12) Are there formal procedures regarding bonuses, retirement plans, and/or profit sharing?

Travel

- yes 13) Are there established policies to govern reimbursement for travel?
- yes 14) Do these policies require travel vouchers to be submitted which:
a) show the time and purpose of the travel?
b) clearly indicate the nature of expenses being claimed?
c) require the submission of supporting documentation?

Procurement

- yes 15) Are there established procedures to assure that professional services, equipment, material, and/or supplies requested are really needed?
- yes 16) Are existing supplies or inventories reviewed to assure that requested items are not already available?
- yes 17) Are there formal procurement procedures to assure that equipment, material, and supplies are obtained on a competitive basis?
- yes 18) Are there procedures to assure that the type of contract utilized is appropriate for the procurement being undertaken?
- yes 19) Are there controls to assure that types of contracts unacceptable to the Federal Government are not utilized?
- yes 20) Are Minority and Women Owned Businesses included in solicitations?
- yes 21) Are solicitations obtained from several sources to assure that the most qualified party is selected?
- yes 22) Are quotations reviewed to assure that the proposed price is reasonable to the contractor, the recipient, and EPA?

- yes 23) Are internal controls utilized to assure that contracts contain all required clauses:
- a) access to records
 - b) ownership of data
 - c) termination
 - d) applicable cost principles
 - e) defective pricing
- yes
yes
yes
yes
yes

Obligations

- yes 24) Are there procedures to assure that reported obligations are supported by purchase orders, contracts, etc.?
- Yes 25) Do these procedures require that obligations are periodically reviewed with regard to their validity?
- Yes 26) Do these procedures require the timely liquidations of obligations?

Indirect Costs

If indirect costs are claimed under this agreement:

- yes 27) If the indirect cost rate is negotiated with a Federal Agency, a copy of the negotiated agreement must be sent to Grants and Acquisitions Unit.

Current rate proposal has been approved X pending _____.

- _____ 28) If the indirect cost rate is not negotiated with a Federal Agency:
- a) Is there a cost allocation plan to indicate which costs are considered direct costs as opposed to indirect costs?
 - b) Are unallowable costs separately identified and/or excluded from the indirect cost proposal?
 - c) Are items of the same nature which are charged as direct costs excluded from the indirect cost proposal?
 - d) Are indirect costs accumulated in more than one pool?
- _____

A copy of the cost allocation plan may be requested.

I certify that the answers to these questions accurately reflect the management systems.



 Signature

02/29/00

 Date



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

June 21, 2000

Reply To
Attn Of: TO-149

Mr. Robert Whitener, Executive Director
Squaxin Island Tribe
S.E. 3100 Old Olympic Hwy., Box 3
Shelton, Washington 98584

Dear Mr. Whitener:

The Squaxin Island Tribe received a letter in December 1999 describing the process for the Clean Water Act (CWA) Section 106, Water Pollution Control and Groundwater Management Program grants. The Squaxin Island Tribe was targeted to receive \$60,000 as the "base" award level. In the interim during which the letters were mailed to tribal governments, the Squaxin Island Tribe completed and submitted to EPA's Office of Ecosystems and Communities a "Unified Watershed Assessment" (UWA) as a part of President Clinton's Clean Water Action Plan (CWAP). The UWA provided the basis for the tribal government becoming eligible to participate in the Nonpoint Source Program, Section 319 of the Clean Water Act. It similarly provided for an additional \$20,000 to the Squaxin Island Tribe via Section 106 funding to address some of the nonpoint pollution source problems identified by the UWA.

Unfortunately, we did not formally notify the Squaxin Island Tribe of the eligibility for this revised funding level (\$80,000 award) with a follow-up letter. Our Office of Ecosystem and Communities notified the Tribal Office about receiving the completed UWA from Squaxin Island in March 2000. I mistakenly believed that the "good news" had been conveyed.

So, belated congratulations on the exceptional work completed by your Natural Resources Departmental staff. Their efforts have yielded both a successful application for funding via the EPA CWA Section 319 program, as well as the \$20,000 in additional funding made available thru CWA Section 106. I apologize for not providing earlier notice about your success. If you have further questions or concerns, I can be reached at (360) 753-8071.

Sincerely,

A handwritten signature in black ink that reads "Alan Moomaw".

Alan Moomaw,
Tribal CWA Section 106 Coordinator