

SQUAXIN ISLAND TRIBE

RESOLUTION NO. 91-46
of the
SQUAXIN ISLAND TRIBAL COUNCIL

WHEREAS, The Squaxin Island Tribal Council is the Governing Body of the Squaxin Island Tribe of Indians by the authority of the Constitution and By-laws of the Squaxin Island Tribe, as approved and adopted by the General Body and the Secretary of the Interior on July 8, 1965; and

WHEREAS, under the Constitution and By-laws of the Tribe, the Squaxin Island Tribal Council is charged with the duty of protecting the health, security, and general welfare of the Squaxin Island Tribal Reservation residents; and,

WHEREAS, the Squaxin Island Community, known as Klah-Che-Min Village, currently consists of 66 homes and 2 community buildings located on approximately 80 acres of land; and,

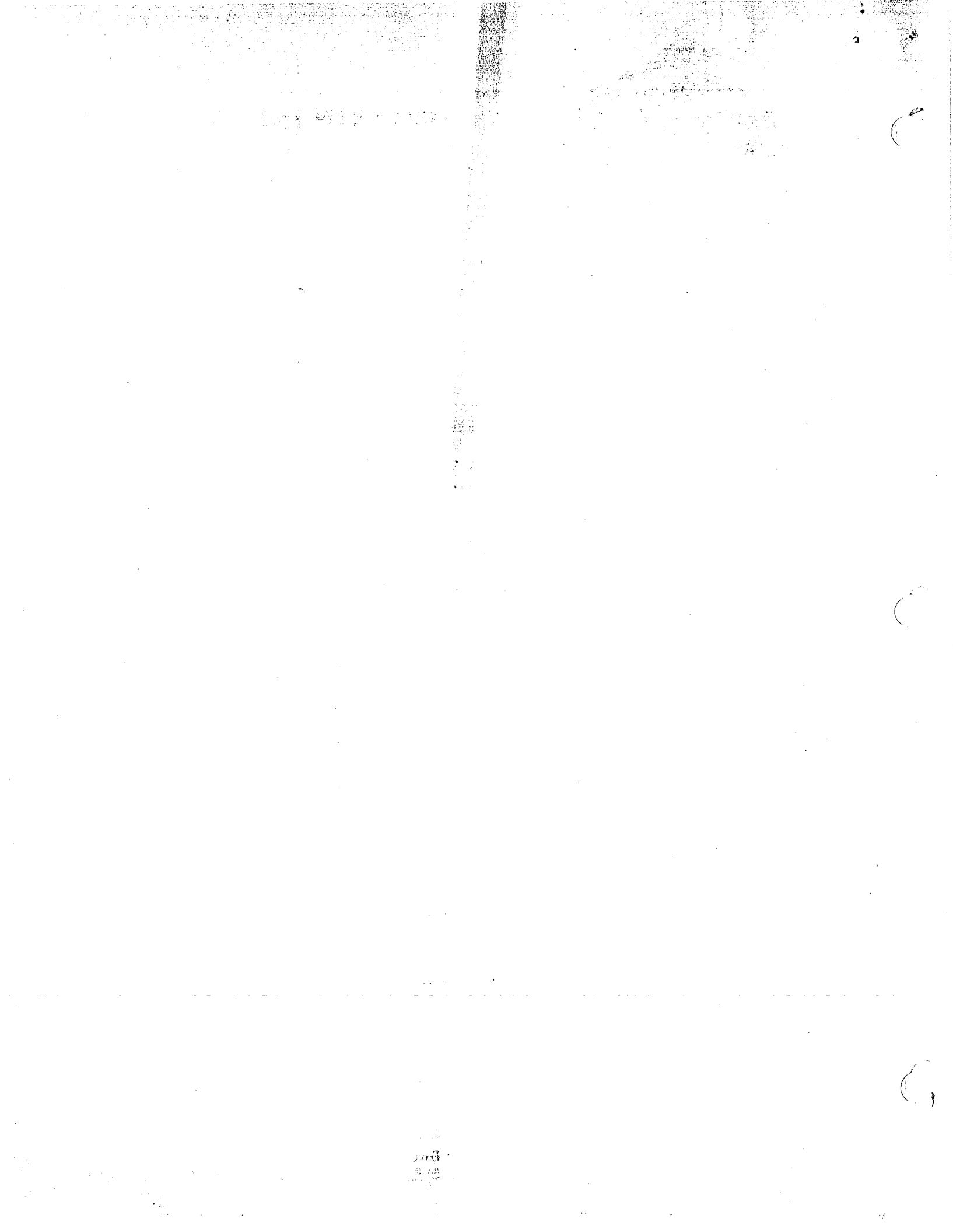
WHEREAS, this Squaxin Island Community has a limited water supply, and one half of the existing community drainfield has failed and is in need of repair or replacement; and,

WHEREAS, the Squaxin Island Tribe has requested assistance from the Indian Health Service, under Public Law 86-121, for the development of a project that is designed to reduce water consumption and subsequent wastewater flows to the community treatment and disposal facilities; and

WHEREAS, the proposed project requests Indian Health Service assistance in providing metering devices for the homes within this Squaxin Island Community and will allow the Tribe to institute user charges based on a metered rate and to implement a water conservation program; and

WHEREAS, the Squaxin Island Tribe is desirous of entering into a Memorandum or Agreement Between the Indian Health Service and the Squaxin Island Tribe in order to proceed with Project PO-88-531L.

NOW THEREFORE BE IT RESOLVED the Squaxin Island Tribal Council does hereby authorize the development of A Memorandum or Agreement Between The Indian Health Service and the Squaxin Island Indian Tribe of the Squaxin Island Indian Reservation commencing the initiation of PO-88-531L for the installation of water meters and possible water conservation devises.



BE IT FURTHER RESOLVED that the Squaxin Island Tribal Council does hereby authorize the Tribal Chairman or the Tribal Administrative Director to be the Tribe's representative in all future matters requiring Tribal authorization on this particular project; and,

BE IT FURTHER RESOLVED that these authorities shall be for the duration of this project.

CERTIFICATION

The Squaxin Island Tribal Council does here certify that the forgoing resolution was adopted at a regular meeting of the Squaxin Island Tribal Council held this 29th day of August, 1991, at which time a quorum was present and passed by a vote of 4 for and 0 against, with 0 abstentions.

Squaxin Island Tribal Council
Resolution No. 91-46

David E. Lopeman
David E. Lopeman, Tribal Chairman

ATTESTED BY: James L. Peters
James L. Peters, Secretary

David W. Whitener
David W. Whitener Vice-Chairman

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Indian Health Service Contributions:

4. That the Indian Health Service shall provide, without charge to the Tribe, all materials, supplies, equipment, and labor for the proper installation of a security chain link fence, security grill and ladder extension as outlined in the attached Project Summary, Engineering Report, and any subsequent amendments.

Final Inspection

5. That a Tribal representative and the Project Engineer shall conduct a joint final inspection at the site to determine that all construction has been completed in a workmanlike and acceptable manner.

Transfer of Facilities:

6. That in consideration of the contributions made and the responsibilities assumed by the Tribe, and Indian Health Service, upon completion or termination of the project, shall transfer to the Tribe all rights, title, and interest of the Indian Health Service in all facilities constructed and installed by Indian Health Service under this project.

7. That the Tribe hereby agrees to accept the transfer of all facilities, as described in the attached Engineering Report, and agrees to operate, maintain, and repair those facilities as property of the Tribe to keep them in an effective, operating condition.

Project Schedule:

8. That in the interest of coordination, understanding, and economy, before construction of the project begins, a work plan for scheduling and conduct of the project will be prepared by the Indian Health Service Project Engineer in consultation with Tribal representatives. The work plan will specify the facilities to be installed, and a time schedule for completing each item of work. The work plan may be modified or amended by the Project Engineer when necessary to carry out the project.

Duration of Agreement:

9. That the duration of this Agreement is twelve (12) months from the date of execution. The Indian Health Service reserves the right to end its participation in this project at any time after the end of this term. Should this project be ended prior to completion, then all facilities partially or fully constructed at the time of termination shall become the property of the Tribe.

Concurrence with Summary:

10. That the Tribe has received and concurs with the Project Summary PO-88-531 and Engineering Report for project PO-88-531L.

IN WITNESS TO THE TERMS OF THIS AGREEMENT, the parties have subscribed their names.

FOR THE SQUAXIN ISLAND TRIBE:

Date

Chairman, Squaxin Island Tribal
Council, having been duly authorized
to enter into this Agreement on behalf
of the Squaxin Island Tribe, as evidence
by the attached resolution made by the
Directors

FOR THE INDIAN HEALTH SERVICE:

Date

Director, Portland Area Indian
Health Service, Department of
Health and Human Services.

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PROJECT SUMMARY
FOR
FENCING AND FLUORIDATION FACILITIES
TO IMPROVE COMMUNITY WATER SYSTEMS
FOR
TWENTY-TWO INDIAN TRIBES
IN
WESTERN WASHINGTON

PUBLIC LAW 86-121
PROJECT PO-88-531

AUGUST 1988

SYNOPSIS

This Project Summary recommends the provision of fencing and fluoridation facilities for various community water systems serving many of the twenty-two (22) Indian Tribes in Western Washington.

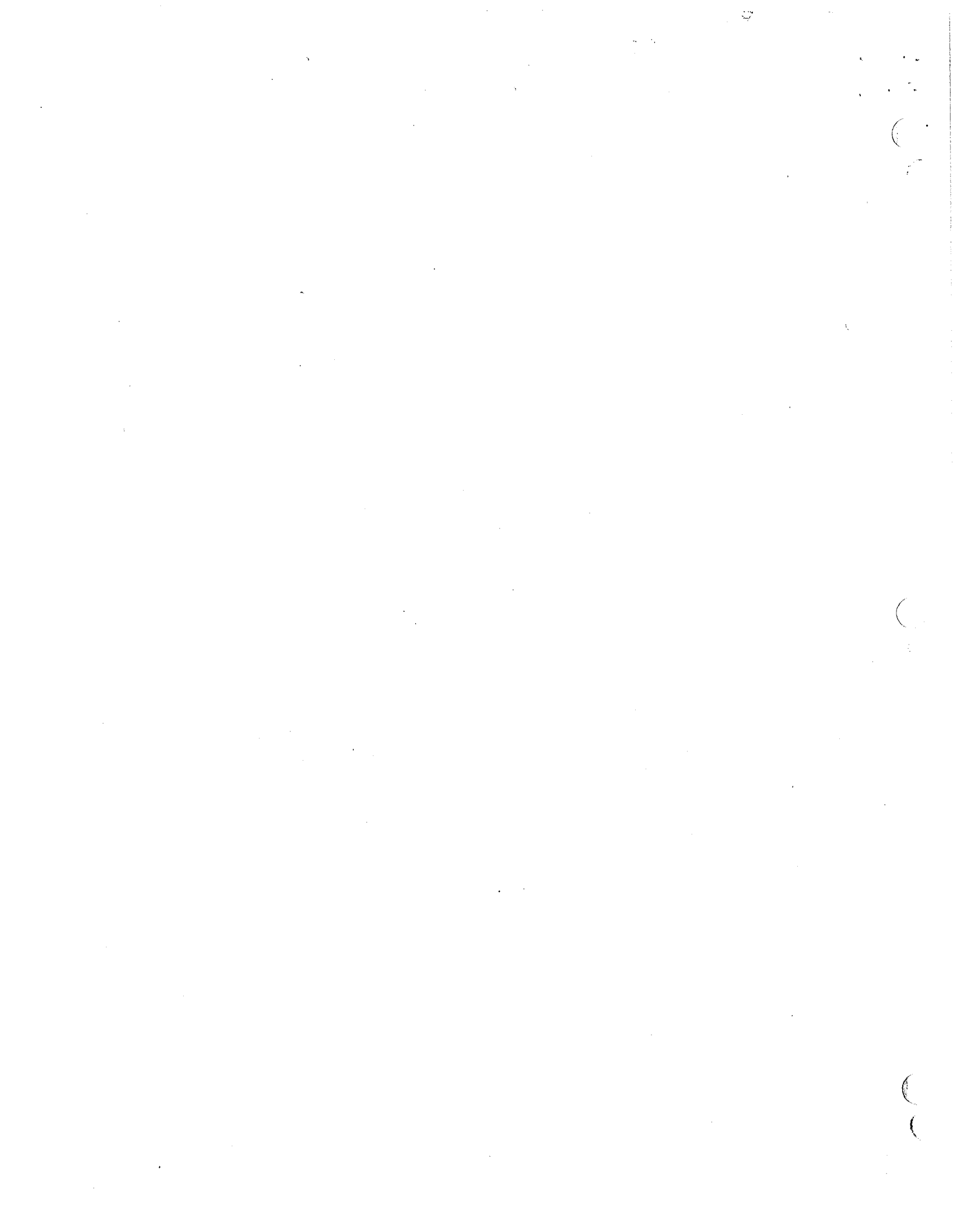
At this time, most of the needs involve fencing for reservoir and water treatment building facilities. Approximately fifteen (15) Tribes will benefit from facilities under this project, representing over 700 Indian households. The estimated cost to the Indian Health Service (IHS) is \$75,000.

INTRODUCTION

The Seattle District of the Portland Area Indian Health Service serves twenty-two (22) Indian Tribes in Western Washington. These Tribes include the Makah, Hoh, Quileute, Quinault, Shoalwater, Lower Elwha, Jamestown, Chehalis, Port Gamble (Klallam), Suquamish, Skokomish, Squaxin Island, Nisqually, Puyallup, Muckleshoot, Tulalip, Stillaguamish, Sauk-Suiattle, Swinomish, Upper Skagit, Lummi, and Nooksack Tribes. The community water systems serving these Tribes vary in size and sophistication. Several systems serve only HUD housing tracts or just a school, while the larger systems serve HUD, HIP, privately or Tribally financed homes, and some non-Indian homes.

In the past six (6) years, the Portland Area Indian Health Service has developed "District Wide" and "Area Wide" Sanitation Facilities Construction projects to serve Indian homes for multiple Tribes under a combined project. Scattered site projects to serve individual Indian homes are the most common of these.

This project is being developed as a special initiative to address long-standing problems with community water systems constructed to serve new and improved houses on several reservations in previous years. Because of funding limitations at the time other sanitation facilities were constructed, necessary fencing and fluoridation facilities were not installed in some communities. In others, current fencing or fluoridation facilities are inadequate. This Project will address these remaining needs, where feasible.



The Swinomish and Nooksack Tribes already have submitted project proposals requesting IHS assistance in providing fluoridation and fencing facilities, respectively. Other tribes with similar needs are expected to follow suit soon.

Future housing projects will include fencing and fluoridation facilities, where required, so this type of project probably will not occur on a regular basis.

GENERAL INFORMATION

The Indian reservations proposed to be served by this project vary widely in size, population, geography, climate, and degree of remoteness. The size of the reservations vary from under one hundred acres to several thousand acres each.

The largest reservations are characterized by timbered areas interspersed with some limited farming tracts and housing sites. Many of the reservations have coastal frontage. The smaller reservations are limited to housing tracts. Most Tribes have a considerable number of members with established households off reservation, either on individual trust or private fee land. All Tribally owned community water systems are within reservation boundaries.

The following table lists the twenty-two Tribes of Western Washington with their respective IHS Service Units.

TABLE I

WESTERN WASHINGTON TRIBES

SEATTLE DISTRICT

<u>Tribes</u>	<u>IHS Service Unit</u>
Makah	Neah Bay
Quilleute	Neah Bay
Lower Elwha	Neah Bay
Jamestown	Neah Bay
Quinault	Taholah
Hoh	Taholah
Chehalis	Taholah
Shoalwater	Taholah
Skokomish	Taholah
Squaxin Island	Puget Sound
Puyallup	Puget Sound
Muckleshoot	Puget Sound
Nisqually	Puget Sound
Suquamish	Puget Sound
Port Gamble (Klallam)	Puget Sound
Tulalip	Puget Sound
Stillaguamish	Puget Sound
Sauk-Suiattle	Puget Sound
Swinomish	Puget Sound
Upper Skagit	Northwest Washington
Lummi	Northwest Washington
Nooksack	Northwest Washington

DISEASES OF ENVIRONMENTAL SIGNIFICANCE

Since the homes to benefit from proposed facilities are scattered throughout several reservations and service units, data on diseases of environmental significance would be difficult to apply. Nonetheless, facilities providing safe water supply and waste disposal have been shown by IHS historically to improve significantly the health condition of families served by them.

EXISTING FACILITIES

The existing facilities affected by this project include reservoirs of varying dimensions and volume, and water-treatment buildings of varying dimensions. None of these has a perimeter fence to protect against vandalism, unauthorized entry, and injuries to children. A fenced facility will help define an area to be kept cleaned and maintained and decrease the potential for injury to persons and damage to facilities.

Although most community water systems have received fluoridation equipment, a few have not for various reasons. Others require upgrading for proper operation.

PROPOSED FACILITIES

Most of the fencing and fluoridation needs already have been identified by community and reservation. However, some of the smaller communal water systems require further study to assess the feasibility of incorporating fluoridation facilities.

Fencing improvements include clearing and grubbing around the structure(s) where required, especially where scrub trees and brush have overtaken the access area around the reservoir or treatment building. A preventive barrier, such as plastic lining and gravel bases, may be required on some installations. The chain link fence will typically allow for adequate room to work within the enclosed space with a 12-foot-wide double gate for access.

The fluoridation facilities consist of a fluoride saturator, fluoride-metering pump, and a structure to protect the equipment. At some locations a pulser water meter and a separate electric service also may be required. The following table lists the total estimated number of facilities for the project.

TABLE II

Recommended Facilities

<u>Item</u>	<u>No. of Facilities</u>	<u>No. of Tribes Served</u>	<u>Estimated Homes To Benefit</u>	<u>ADP Coding*</u>
Fencing-Chain link -Reservoir	13	10	640	H1,H2,H5-FZZ
Fencing-Chain link -Treatment Bldg.	8	7	325	H1,H2,H5-FZZ
Fluoridation	4	3	80	H1,H2,H5-FZZ
Fluoridation -Upgrade	1	1	20	H1,H2,H5-FZZ

The specific facilities for each reservation will be addressed in a separate engineering report, supported by an appropriate Memorandum of Agreement.

*No additional entries to PDS because water service to these homes was credited under earlier projects.

UNMET NEEDS

Although there are no specific requests in the latest Unmet Needs update for fencing and fluoridation facilities, many of the community water systems are listed as requiring general upgrading. The Nooksack Tribe did request fluoridation facilities this year and would have been included in the FY 89 update.

FLOOD HAZARD EVALUATION

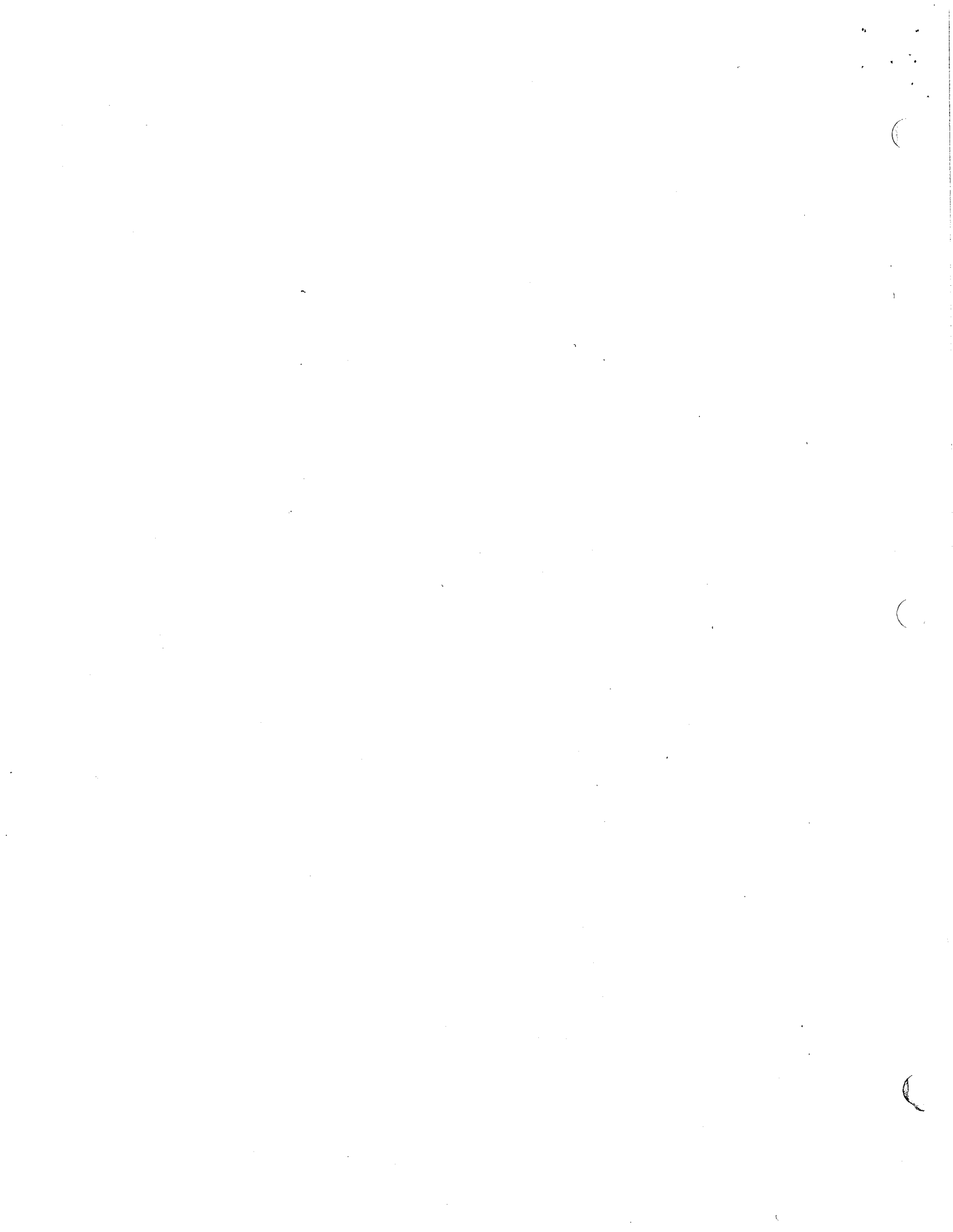
None of the facilities to be installed under this project will be subject to flood hazards.

NEPA CONSIDERATION

All proposed facilities will be built adjacent to and in conjunction with previously installed facilities. No significant additional area will be affected. Proposed facilities have been evaluated against a comprehensive list of possible effects on human and natural environments. The proposed facilities will cause no significant effect on the environment.

OPERATION AND MAINTENANCE

All of the facilities to be installed under this project are benefiting existing water systems; and in the case of fencing, will enhance the operation and maintenance of the facilities. Fluoridation, where provided, will be operated by Tribes who already have at least one existing fluoridation system. Therefore, the impact is expected to be small.



PARTICIPATION

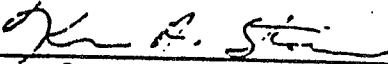
The cost of construction of the proposed facilities for this project will be funded by the Indian Health Service. The Tribes will provide necessary land and existing facilities to accommodate the improvements.

COST ESTIMATE

Description	Estimated Quantity	Unit	Unit Cost	Total Cost
A. <u>Fencing - Chain link</u>				
1. Chain link fencing 6-foot high	21	LS	1,650.00	\$34,650.00
2. Clearing	21	LS	400.00	<u>8,400.00</u>
			Subtotal:	\$43,050.00
<u>Fluoridation</u>				
1. New Systems	4	LS	4,500.00	\$18,000.00
2. Rehabilitation	1	LS	800.00	<u>800.00</u>
			Subtotal:	\$18,800.00
C. <u>Cost Summary</u>				
			Fencing Subtotal	\$43,050.00
			Fluoridation Subtotal	<u>18,800.00</u>
			Construction Subtotal	\$61,850.00
			+10% Engineering	6,185.00
			Subtotal:	<u>\$68,035.00</u>
			+10% Contingencies:	6,804.00
			TOTAL:	\$74,839.00
			Total (Rounded)	\$75,000.00

NOTE: Costs per house served will vary per location. Overall, costs will be approximately \$100 per unit for fencing and \$225 per unit for fluoridation.

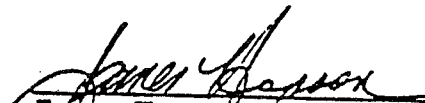
Prepared by:



Kevin A. Stover
Senior Field Engineer
Seattle District Office

July 22, 1988
Date

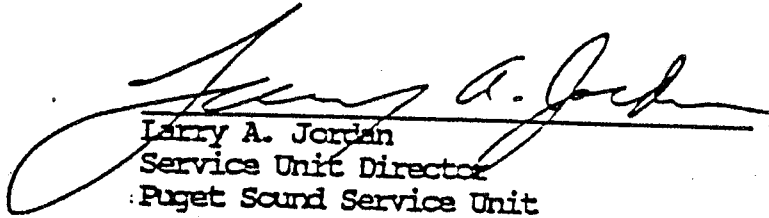
Reviewed by:



James Hopson, P.E.
District Engineer
Seattle District Office

July 23, 1988
Date

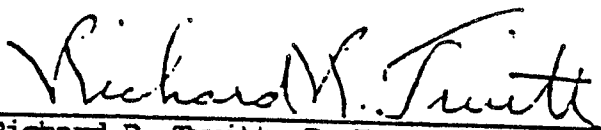
Concurred by:



Larry A. Jordan
Service Unit Director
Puget Sound Service Unit

7-25-88
Date

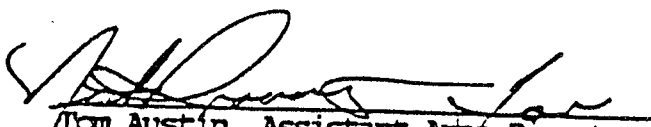
Recommended by:



Richard R. Truitt, P. E., Chief,
Sanitation Facilities Construction Service
Portland Area Indian Health Service

8/2/88
Date

Approved by:



Tom Austin, Assistant Area Director
For Operations, Portland Area Indian
Health Service

8-2-88
Date

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Engineering Report
Lift Station Fencing
Squaxin Island Indian Reservation
Mason County, Washington

Project PO-88-531L
September 1991

SYNOPSIS

This Engineering Report proposes the construction of a chain link fence around the existing community lift station located in the existing HUD housing area on the Squaxin Island Indian Reservation. The estimated cost of this facility is \$3,000.00.

INTRODUCTION

The Squaxin Island Tribal Council submitted a Project Proposal to the Indian Health Service (IHS) on June 11, 1991. This Proposal requested IHS assistance in constructing a security chain link fence around the existing lift station and a security grill and ladder extension to the water storage reservoir. IHS proposes to design and construct the requested fence and security grill and ladder extension under Project PO-88-531L.

EXISTING FACILITIES

The Squaxin Island system consists of a sewage lift station and water storage reservoir. These facilities are fenced, but the fence around the lift station is inadequate and the dumping of trash in the lift station area has the potential of damaging the Tribes lift station pumps. The security fencing around the reservoir is adequate, but the ladder is too close to the ground and allows unauthorized people to climb the reservoir creating a potential hazard for loss of life.

PROPOSED FACILITIES

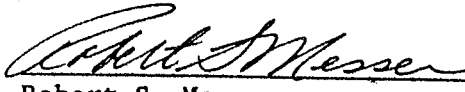
IHS will construct a chain link fence 6' high with 3-strand barbed wire along the top. The fence will be constructed around the lift station. A 8-foot drive through gate will be provided. A security grill and ladder extension will be provided at the water reservoir.

COST ESTIMATE

<u>Item Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1. Chainlink Fence Incl. w/barbed wire top 4-foot walk & 10-foot wide drive through gates.	120	LF	\$14.00	\$1,680.00
2. Security Grill and Ladder	1	LS		\$1,000.00
			Subtotal	\$2,680.00
			10% Contingency	\$268.00
			Total	\$2,948.00
			Total (Rounded)	\$3,000.00

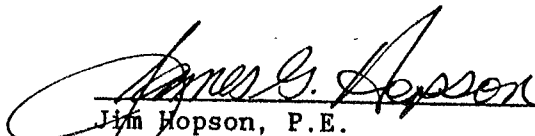


Prepared by:


Robert S. Messer
Engineer Technician

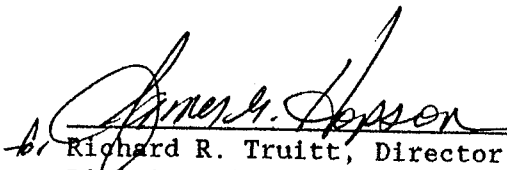
26 Aug 1991
Date

Recommended by:


Jim Hopson, P.E.
District Engineer

August 26, 1991
Date

Approved by:


Richard R. Truitt, Director
Division of Sanitation Facilities Construction

August 26, 1991
Date

