



SQUAXIN ISLAND TRIBE

RESOLUTION NO. 00-58
OF THE
SQUAXIN ISLAND TRIBAL COUNCIL

WHEREAS, the Squaxin Island Tribal Council is the Governing Body of the Squaxin Island Tribe, its members, its lands, its enterprises and its agencies by authority of the Constitution and Bylaws 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 the Bylaws and inherent sovereignty of the Tribe, the Squaxin Island Tribal Council is charged with the duty of protecting the health, security, education and general welfare of the tribal members, and with protecting and managing the lands and treaty resources and rights of the Tribe; **and**,

WHEREAS, the Squaxin Island Tribal Council has been entrusted with the creation of ordinances and resolutions in order to fulfill their duty of protecting the health, security, education, and general welfare of tribal members, and of protecting and managing the lands and treaty resources of the Tribe; **and**,

WHEREAS, the Squaxin Island Tribe has identified the need to compile and consolidate all of the existing as-built records into a single computerized as-built of water and sewer facilities on the Squaxin Island Indian Reservation; **and**,

WHEREAS, the Squaxin Island Tribe has requested IHS technical assistance to create a single computerized as-built drawing of water and sewer facilities on the Squaxin Island Indian Reservation; **and**,

WHEREAS, the attached Memorandum of Agreement shall be signed by the Council Chairman of the Squaxin Island Tribe and the Director of Indian Health Service; **and**,

NOW THEREFORE BE IT RESOLVED, that the **Squaxin Island Tribal Council** does hereby authorize and approve the Memorandum of Agreement for Project PO-00-324; **and**,

NOW THEREFORE BE IT FINALLY RESOLVED, that the Squaxin Island Tribal Council does hereby authorize the Tribal Chairman to be the Tribe's signatory on this project, and that these authorities shall be for the duration of this project.

CERTIFICATION

The Squaxin Island Tribal Council does hereby certify that the foregoing Resolution was adopted at the regular meeting of the Squaxin Island Tribal Council, held on this 11th day of July, 2000, at which a quorum was present and was passed by a vote of 5 for, and 0 against with 0 abstentions.


David Lopeman, Chairman


Calvin Peters, Vice-Chairman

Attested by: 
Pete Kruger, Sr., Secretary

MEMORANDUM OF AGREEMENT
AMONG THE
INDIAN HEALTH SERVICE
AND
THE SQUAXIN ISLAND INDIAN TRIBE
OF THE
SQUAXIN ISLAND INDIAN RESERVATION
MASON COUNTY, WASHINGTON

PUBLIC LAW 86-121
PROJECT PO-00-J24

This Agreement is made between the Indian Health Service, hereinafter referred to as IHS, acting through the Director, Portland Area Indian Health Service, Department of Health and Human Services, under and pursuant to the provisions of Public Law 86-121 (73 Stat. 267), and the Squaxin Island Tribe of the Squaxin Island Indian Reservation, hereinafter called the Tribe, acting through the Chairperson of the Squaxin Island Tribal Council.

WHEREAS, the Tribe has identified the need to create a single computerized as-built of water and sewer facilities on the Squaxin Island Indian Reservation; and,

WHEREAS, the Tribe has funding available to create a single computerized as-built of water and sewer facilities for the Squaxin Island Indian Reservation; and,

WHEREAS, the Tribe requested IHS technical assistance under Public Law 86-121 for the creation of a single computerized as-built of water and sewer facilities on the Squaxin Island Indian Reservation; and,

WHEREAS, IHS desires to provide technical assistance to the Tribe for creating the computerized composite as-built drawings.

NOW THEREFORE, in order to carry out the Project as set forth in the attached Project Summary, dated June, 2000 and entitled, "PROJECT SUMMARY FOR AS-BUILT DRAWING COMPILATION, SQUAXIN ISLAND INDIAN RESERVATION, MASON COUNTY, WASHINGTON, PUBLIC LAW 86-121, IHS PROJECT PO-00-J24," the parties mutually agree:

Tribal Contributions

1. That the Tribe shall provide a representative to coordinate its participation under this project.
2. That the Tribe hereby grants permission for the IHS and its representatives to upon or cross lands of the Squaxin Island Reservation to carry out the Project outlined in the attached Project Summary and provided for in this agreement, and further agrees to waive any and all claims which may arise by reason of entry upon such lands, except those claims qualifying under the Federal Tort Claims Act.
3. That the Tribe shall contribute \$5,000.00 to the IHS to cover costs for the work described in the attached Project Summary. The Tribe shall transfer these funds to IHS upon execution of this agreement and upon receipt of a written request of contribution from the IHS.

4. That the Tribe shall provide any information in their possession to IHS that is not included in as-built records maintained by IHS, that they wish to be included in the final computerized as-built record.

Indian Health Service Contributions

5. That the IHS shall provide a representative to coordinate its participation under this project.

6. That the IHS shall provide all materials, supplies, equipment, labor and services necessary to complete the work described in the Project Summary, utilizing funds contributed by the Tribe.

Special Provisions for Project Funding

7. That if the actual costs of providing these services are less than the total funds provided, then the difference shall be returned to the Tribe. If, on the other hand, the projected costs of providing these services exceed the total funds provided, then the IHS shall notify the Tribe. No additional work shall be performed by the IHS beyond the amount of funds available until funding has been provided by the parties. Any additional contributions shall be subject to the availability of funding.

Transfer of Facilities

8. That in consideration of the contributions made and responsibilities assumed by the Tribe, the IHS, upon completion of the project, shall transfer to the Tribe all rights, title, and interest in the as-built record compiled under this agreement. The IHS shall also retain a copy of this as-built compilation.

9. That this Agreement shall remain in effect at least until the earlier of the following dates:

- a. The date when all terms of the Agreement have been met; or,
- b. September 30, 2001.


Concurrence with Project Summary

10. That the Tribe has received and concurs with the Project Summary for Project PO-00-J24, upon which this Agreement is based.

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

FOR THE SQUAXIN ISLAND INDIAN TRIBE:

7/11/00
Date



Chairperson, Squaxin Island Tribal Council, having been
duly authorized to enter into this Agreement on behalf of
the Squaxin Island Tribe, as evidenced by the attached
Resolution made by the Tribe.

FOR THE INDIAN HEALTH SERVICE:

Date

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

**PROJECT SUMMARY
FOR
AS-BUILT DRAWING COMPILATION
SQUAXIN ISLAND INDIAN RESERVATION
MASON COUNTY WASHINGTON
PUBLIC LAW 86-121
IHS PROJECT PO-00-J24**

June 2000

I. SYNOPSIS

This project recommends the compilation of information available on various "hard copy" as-built records pertaining to water and sewer utilities and related features on the Squaxin Island Indian Reservation into a single computerized as-built record. Available information on the existing as-built records pertaining to roadways, boundaries, homes, waterways, etc. will also be included. There are several such as-built records from old IHS projects. However, these drawings are not in an electronic format making the information cumbersome and difficult to access by IHS or the Tribe. The work completed by this Project will consolidate all of the existing as-built records for the Squaxin Island Tribe into a single as-built record on AutoCAD 2000 and/or other format acceptable to the Tribe.

The Indian Health Service will provide specifications to complete the work and provide contracting services. The Squaxin Island Tribe will provide funds for this project. In the interest of creating the most comprehensive as-built record possible, the IHS will provide all its as-built records to the contractor and check the contractor's work to make sure it meets the contract specifications.

II. INTRODUCTION

The Squaxin Island Tribe recently approached the Indian Health Service about the existence and quality of as-built records for the water and sewer facilities on the reservation. Under Project PO-88-533, composite as-builts were compiled by IHS and provided to the Tribe. However, additional sanitation facility projects have been constructed since the composite as-builts were completed, and the corresponding as-builts for these facilities have not been added to the composite set of as-built drawings. It would be beneficial to create a single as-built record by consolidating old as-builts into a single AutoCAD file. By doing so, as-built information would be easily available to the IHS and Tribe. The record would also be easily updated as future projects designed using computer aided drafting are completed.

III. EXISTING FACILITIES

Water Supply and Distribution

The Squaxin Island Tribe owns and operates the community water system serving the community buildings and the 85 existing HUD homes on the Reservation. The Tribe also owns and operates the Kamilche water system adjacent to the Reservation. The Kamilche system provides supplementary water to the Reservation system during periods of peak demand and during the summer and fall months. The Reservation system was originally constructed in 1977 by the IHS and has been expanded several times over the years to accommodate development on the Reservation.

The Reservation water system consists of two 67,000 gallon steel standpipes, a water treatment building with chlorination and fluoridation equipment, three 6-inch diameter community wells, and 6-inch diameter water distribution mains.

The Kamilche system consists of two 20 gpm wells, a 20,000 gallon redwood storage tank and 4-inch water distribution mains. The system serves 24 homes total, of which 9 are Indian and 15 are non-Indian homes.

The three wells on the Reservation are not a reliable source of supply due to the limited yield available from the regionally perched groundwater aquifer. One well has been taken out of service indefinitely and the other two wells have a combined yield as low as 20 gallons per minute. This yield is not adequate to meet the current demand. Water from the Kamilche system is provided to the Reservation system by a booster pump station. However, the Kamilche system is not capable of providing an adequate long term supply to both Kamilche and the HUD subdivision.

The water from the three wells serving the HUD subdivision is also corrosive. Because of this corrosivity, the lead and copper levels exceed action levels allowable under the Safe Drinking Water Act. The Tribe has notified users of these results and advised them accordingly.

Under IHS Projects PO-95-706, PO-95-713 and PO-95-860, IHS will drill new wells in the Kamilche area to supplement the wells serving the HUD subdivision. This work is projected to be completed in 2001. In addition, IHS project PO-00-J08 proposes the installation of water stabilization equipment to alter the water supply's corrosive nature. Upon completion of these projects, the water supply system is expected to have adequate capacity and quality for the existing HUD homes and for the homes currently proposed under other projects.

Wastewater Collection, Treatment and Disposal

The 85 existing HUD homes and community buildings on the Squaxin Island Reservation are served by a community wastewater collection and treatment system. IHS and the Southern Puget Sound Indian Housing Authority constructed these facilities to serve HUD housing projects. The community wastewater treatment plant was recently expanded under Projects PO-92-584 (funded by IHS) and PO-93-594 (funded by HUD).

The collection system consists of gravity flow building sewers and main sewers. The majority of all building sewers are 4-inch PVC sewer pipes. The sewage collection mains are 6- and 8-inch PVC sewer pipe. Two community sewage lift stations pump sewage to gravity sewer mains which deliver sewage to the treatment plant.

The Squaxin Island Tribal wastewater treatment and disposal facility is a recirculating gravel filter and drain field system. Treatment consists of two large septic tanks for primary treatment and two recirculating gravel filters for secondary treatment. The treated effluent is discharged into subsurface drain fields for final disposal. The design capacity of the facility is 20,000 gallons per day. Typical dry weather flows are less than 20,000 gpd. Although only incomplete flow data is available, peak flows as high as 50,000 gallons per day have been measured during the winter months. This large flow increase is due to inflow and infiltration (I&I) of groundwater into the collection system. Major sources of I&I have recently been repaired using funds from Projects PO-92-584 and PO-92-594. The effectiveness of these repairs will be monitored during the coming winter rainy seasons.

The gravel beds have clogged from an overgrowth of filamentous bacteria caused by hydraulic and organic overloading. The overloading has created an environment conducive to growth of

filamentous micro-organisms instead of the preferred heterotrophic micro-organisms. Recent modifications to the sewage application system in the filter bed which were intended to alter the environment have not produced the desired effect. In response to this, the Tribe requested emergency funds from HUD. They were successful, and together with funds from IHS Project PO-98-963, the Tribe is currently contracting to have the media removed from the filters and replaced.

In the near future, there will be a new sewage treatment system constructed on the reservation by way of Project PO-98-963. A sequencing batch reactor will be built to treat the increased flows that will be created by the new housing subdivision and community buildings that the Tribe is constructing. The subsurface effluent disposal fields will be expanded as part of this project as well.

Solid Waste

A local disposal company collects solid waste weekly. Garbage is transported off the Reservation and disposed of at a nearby transfer station. Recycling and separation of recyclables are optional. Each homeowner is responsible to pay for this service.

IV. PROPOSED FACILITIES

This project will not construct any new water, sewer, or solid waste facilities. Instead, it will create a consolidated as-built record of the existing facilities described above on AutoCAD. The record will be used for operation and maintenance activities and for the planning of future construction projects by IHS and the Tribe.

V. OPERATION and MAINTENANCE

The Tribal Utilities Commission and the Tribal Administration Services Department project current and future costs of operating and maintaining the water and sewer systems and sets user fees accordingly. The Tribal Administration Services Department has been very successful in collecting user fees from the homeowners served by the community water system through a metered rate.

Since this project does not propose the construction of any sanitation facilities, there will not be any additional O&M effort required by the Tribal O&M organization. However, the as-built record created by this project should prove to be a valuable tool for locating existing infrastructure and creating maintenance schedules.

VI. ENVIRONMENTAL CONSIDERATIONS

IHS conducted an environmental review of this project in accordance with NEPA and related environmental statutes. This review determined that this project does not merit further assessment and qualifies for IHS categorical exclusion from a full assessment under NEPA. No further action is required; therefore this project is cleared for approval.

VII. EFFECT of SANITATION DEFICIENCIES SYSTEM (SDS)

This project has no effect on the SDS.

VIII. ADP Data

This project does not have a direct effect on any homes thus there is no ADP data to provide.

IX. COST ESTIMATE and FUNDING SOURCES

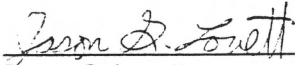
The cost estimate for this project is shown below.

Description	Unit	Total Cost
Digitize existing as-built records and provide a single record in AutoCAD 2000	LS	\$4,700.00
10% Contingency		\$470.00
Rounded Grand Total		\$5,000.00

The \$5,000.00 to complete this project will be provided by the Squaxin Island Tribe.

X. SIGNATURE BLOCK


Prepared by:



Jason G. Lovett
Environmental Engineer
Olympic District Office

11/4/99
Date

Recommended by:



John Riegel, P.E.
District Engineer
Olympic District Office

11/4/99
Date


Approved by:



Kelly Titensor, P.E.
Director, Division of Sanitation Facilities Construction
Portland Area Indian Health Service

1-11-00
Date

Concurred by:



Richard R. Truitt, P.E.
Director Division of Sanitation Facilities Construction
Portland Area Indian Health Service

1/18/00
Date