

## PORTLAND AREA

The Portland Area has limited telemedicine / telehealth applications. The Northwest Portland Indian Health Board used Department of Commerce funding to provide Internet access to eight tribal members. The Quileute Center along with Neah Bay Service Unit belongs to a telemedicine network operated by the Clallam County Hospital District 1. The Forks project evolved from a chronic pain management project failed to produce a high patient level. The Warm Springs Service Unit has a limited teleradiology program for outside consultations.

### 1. Clallam County Hospital District 1

Area Office	Portland Area
Indian Facility	Quileute Health Center Sophie Trettevick Indian Health Center, Neah Bay
Primary Use	Telemedicine, (mental health)
Use Status	Sustainable
Facility Contact	Lisa Horton Quileute Health Center, PO Box 180, La Push, OR 98350, Phone 360-374-9035, Fax 360-374-2644  Tom Birdinground, Service Unit Director, Sophie Trettevick Indian Health Center, PO Box 410, Neah Bay, WA 98357 Phone 360-645-2233
Grantee Hospital)	Clallam County Hospital District 1 (dba Forks Community Hospital)
Funding	ORHP - FY 98-00 - \$540,951
Grant Contact	Roger Harrison, Manager, Information Services Clallam County Hospital District 1. 530 Bogachiel Way, Forks, WA 98331 Phone 360-374-6271, Fax 360-374-6238
Summary	<b>Quileute Health Center and Neah Bay receive benefits from a telemedicine network formed by a nearby small hospital at Forks, Washington.</b>

The Clallam County Hospital District developed an expanded telemedicine network consisting of eight mental health care provider and consumer entities in northernmost Washington. The project focuses on mental health and chemical dependency treatments and confidential HIV counseling. Quileute Health Center and Neah Bay receive program

benefits. Both Indian health centers and the hospital were end-user sites in an earlier grant for chronic pain that provided a limited introduction to telemedicine. The Vtel Desktop equipment used by the chronic pain grant has been replaced by Polycom equipment which costs around \$8,000 per unit. Clallam pays the telecom costs and may continue to do so after the grant ends. Three ISDN lines for more effective pricing have replaced the earlier T1 connections. Neah Bay would like to expand its telemedicine services to a larger hospital in Port Angeles or the University of Washington, Medical Center for access to specialty services and emergency care. Neah Bay patient transport costs to Port Angeles or Seattle cost between \$5,000 and \$7,000 per trip.

## **2. Northwest Portland Area Indian Health Board**

Area Office	Portland Area
Indian Facility	Northwest Portland Area Indian Health Board
Primary Use	Telehealth
Use Status	Sustainable
Facility Contact	Jim Fry, Information System Specialist, Northwest Portland Area Indian Health Board, 527 Southwest Hall Street, Suite 300, Portland, OR 97201 Phone 503-228-4185 x298, Fax 503-228-8182, E-mail <jfry@npaihb.org>
Grantee	Northwest Portland Area Indian Health Board
Funding	TOP - FY 97-98 - \$490,000
Grant Contact	See Facility Contact
<b>Summary</b>	<b>The Northwest Portland Indian Health Board worked cooperatively with eight tribes on building an Information Technology Infrastructure to support Internet, e-mail, and telehealth service access provided by the Washington State Department of Information Service, and private Internet providers.</b>

The Northwest Portland Indian Health Board worked cooperatively with eight tribes on building an Information Technology Infrastructure to support Internet, e-mail, and Telehealth services provided by the Washington Department of Information service, and private Internet Providers. Connections were sought for the Circle of Health project that facilitates disease surveillance and the collection and analysis of epidemiology information for area tribes. Additional funds are being sought to assist the remaining tribes. Eight tribes received the following benefits from this grant:

- **Couer d' Alene Tribe** (2/99) A new Wellness Center has opened along side of a well-established clinic. Services implemented include a dedicated 384 KB line, e-mail software applications, and training.
- **Grande Ronde Tribe** (1/99) An extended intertribal network has been implemented to link multiple offices to the new clinic and administrative buildings. Project resources included a new mail server, router, dedicated T-1 line, and training.
- **Lummi Nation** (12/98) The project added resources to an existing tribal network. Added services include a new mail server, new mail server software and training.
- **Samish Tribe** (12/99) This site has new office, which has been wired for a local area network, and an e-mail/file server. A dial-up solution to a local ISP provides the routing of the Internet e-mail.
- **Shoshone-Bannock** (4/99) The facility had an existing local area network spanning seven facilities. Services implemented included a dedicated T-1 line, e-mail server and training. This site has also successfully bridged the IHS health network to the tribal network.
- **Swinomish Tribe** (12/99) The Internet connection was installed at a new clinic wired for a local area network and fiber optics for connectivity to other tribal health buildings.
- **Port Gamble Tribe** (10/98) This tribe is connected to the Washington State IGN network. Added services included a new mail server, mail software, route, a dedicated 384KB connection, and training. The network is expanding to include other tribal offices.
- **Quinault Nation** (5/00) The tribe recently installed a dedicated line from the Washington State IGN network to service the entire Taholah campus. Services included a dedicated line to IGN, an e-mail server, and training.

### 3. Warm Springs Service Unit

Area Office	Portland
Indian Facility	Warm Springs Service Unit
Primary Use	Telemedicine (teleradiology)
Use Status	Sustainable

Facility Contact      Bonnie Baxster, Chief Technologist, Imaging Department, Warm Springs Service Unit, PO Box 1209, Warm Springs, OR 97761, Phone 541-533-2461

Grantee                      Not applicable

Funding                    Not known, internal IHS program funds

Grantee Contact        Not applicable

**Summary                      The Warm Springs Service Unit sends and receives radiology film over a dedicated fax line.**

Since November 1996, Warm Springs has transmitted teleradiology images over a dedicated fax line to experts in Portland and Bend, Oregon for remote consultation. Warm Springs has a contract radiologist and the transmission of images for remote consultation only occurs 2-3 time a month. Images are also transmitted from nearby hospitals that treat Warm Springs patients over the weekend when the Warm Springs clinic is closed.