

Pollutants may confuse returning salmon

Portland—In 1982 certain law enforcement agencies charged that fall chinook missing between Columbia River dams had been taken illegally by Indian fishermen. New research by the National Marine Fisheries Service (NMFS) now suggests that these losses may be linked to flouride and other water-borne pollutants.

In studies conducted in 1982, 83 and 84, NMFS researchers found flouride concentration up 0.5 parts per million at the forebay of John Day Dam. The flouride emissions appear to be from the Martin Marietta aluminum smelting plant just upstream of the dam near the town of Goldendale, Washington.

Research tests showed that flouride at that concentration interferes with salmon homing ability and migratory behavior. (Salmon migrate by smelling certain chemicals in the water—chemicals present in only a few parts per billion. Pollutants, such as flouride, confuse the normal odors that salmon depend on for their sense of direction).

In 1982 the Army Corps of Engineers funded the NMFS research to figure out why there were still salmon passage problems at John Day Dam even

after the Corps had altered turbine operations and made improvements at fish ladders.

A different, radio-tracking study was conducted in the fall of 1982 specifically to determine what was happening to the missing chinook, that is, the salmon counted when they crossed Bonneville Dam that failed to show up at McNary three dams later. The tracking study found no basis for the contention that Indian poaching was causing a large interdam loss. Researchers concluded that some of the missing fish were spawning between the dams and therefore weren't headed for areas above McNary Dam. To account for the other lost fish, their 1983-released report recommended additional study of dam passage and other environmental problems.)

In the NMFS pollution study, researchers also found heavy metals such as copper, zinc, lead and cadmium in river water and in sediments from plant operations. Aromatic hydrocarbons were also detected in sediments and are suspected to be in the river water.

Some of the contaminants found here on the Columbia river concentrations in sites such as Tacoma's Commencement

Bay that has been targeted for EPA superfund clean-up. However, the considerable expense of studying heavy metals and organic compounds such as hydrocarbons has thus far limited the Columbia research to flourides.

CRITFC is requesting that NMFS and/or the EPA study and evaluate the effect of these pollutants on salmonids, both adults and juveniles, and that discharges from the four other Columbia River aluminum plants be included in comprehensive studies.

Meanwhile, the discharge permit for Martin Marietta Goldendale plant is now being reviewed by the Washington Department of Ecology.

Research reports are available from NMFS Research Team Director David Damkaer, (206) 442-4909.

What is not being done topic of conference

A focus on solutions—what can be done rather than what is not being done—is the theme of this year's three-day National Indian Leadership and Education Conference to be held March 18-20 at Brigham Young University in Provo, Utah.

Howard Rainer, chairman of the annual National Indian Leadership and Educational Conference and assistant director of BYU's American Indian Services, said the conference will feature nationally known Indian and non-Indian consultants in workshop presentations.

Using the theme of "Indian Issues—A Time of Preparation, Potential and Promise," the conference is being held in conjunction with Indian Week.

"Consultants from across the United States will help confer-



Geo-Quiz

Spilyay Tymoo photo by Miller

Identify the location of this geo-quiz and win a year's subscription to Spilyay Tymoo for yourself or a friend. Call Spilyay Tymoo at 553-1644 or 553-1161, ext. 274 after 8 a.m. Tuesday, February 5.

Nuclear waste to be discussed

Portland—On Tuesday, February 12-13 Columbia River Inter-Tribal Fish Commission will present at the Hilton Hotel, 921 SW Sixth, a conference on nuclear waste. The conference will focus on the health effects of radiation and the proposed siting of a nuclear waste repository on the Hanford Nuclear Reservation in Washington.

Columbia River Inter-Tribal Fish Commission is the coordinating body of the four Columbia River treaty tribes—three of the four member tribes—the Umatilla, Nez Perce, and Yakima—have successfully petitioned for status as "affected Indian Tribe" under the Nuclear Waste Policy Act of 1982. The act gives states and affected Indian tribes the right to veto a nuclear waste repository in their areas, subject to being overruled by both the houses of Congress, and provides funds to study health, safety and environmental effects of a repository at Hanford.

Speakers will include, Dr. Karl Morgan, Appalachia State University School of Physics, speaking on the Effects of Radiation on Health; Dr. Carl Johnson, University of Denver, speaking on the Rocky Flats Incident and the Impact of Nuclear Accidents; and Dr. Susan Lambert, speaking on the Effects of Radia-

tion on Human Psychology and the Family.

Other speakers scheduled are Lynda Taylor, Southwest Research and Information Center; Russell Jim, Nuclear Waste Program Manager for the Yakima Indian Nation; Jim Martin, Environmental Defense Fund; Kitty Tucker, Health and Energy Institute; Ann Bringlow, Sierra Club; Richard Donovan, Federal Emergency Management Agency; Joseph Bunting, U.S. Nuclear Regulatory Commission and others.

An early registration and no-host reception will be held Monday evening, February 11 at 7:00 p.m. The conference begins Tuesday, February 12, at 8 a.m. Tuesday evening there will be a banquet at 7 p.m. with Russell Jim from the Yakima Indian Nation, making a presentation on, "Tribal Participation in the Nuclear Waste Policy Act." The conference resumes Wednesday, February 13 at 8 a.m. and closes at 6 p.m.

A \$25 Registration Fee for the conference which includes the Tuesday evening banquet. Banquet tickets are available for \$15 for those not able to attend the conference. Pre-registration is requested by February 5. For more information, please call Columbia River Inter-Tribal Fish Commission at (503) 238-0667.

New office hours

This is to inform everyone in the community on the Warm Springs Reservation that the Legal Aide Office will be open from 9:00 a.m. to 4:00 p.m., Monday thru Friday, effective February 4, 1985. If you need to

see an Advocate, please come to our office during those hours. The staff will be in the office from 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.

Thank you for your time and cooperation.

Home furnishings for sale

For Sale: Heavy duty Sears Kenmore washer, very good condition, \$100 firm; A fire insert, originally \$499, chrome handles,

balls and hinges, asking \$200 or make offer; a pool table, official size. Call 553-1673.



Walls for warmth

Spilyay Tymoo photo by Shewertz

A new wall on the outside corridor of Warm Springs Community Center keeps the building warmer and prevents the tracking in of water and mud.

IIM checks to be written differently

Continued from page 1

advise the bureau, and if they do not, the monies are automatically invested for 30 days. Average interest gained on the investments is 11 percent per annum.

The Bureau will soon be notifying IRS as to whose accounts will earn more than \$600 in interest during 1984. The IIM is governed by treasury regulation, just like a bank. But, said Topash, "just because the earnings are reported to the treasury

department doesn't mean a person has a tax liability." Interest earned is reported on a 1040 form just like any other income.

The BIA became automated some time back, said Topash. And IIM is just part of that automation. They have found the conversion to automation cost efficient and that it saves time. The conversion just started last fall in the northwest and he expects that IIM will be completely automated within a couple of months.

Smith's replacement unknown

With Ken Smith's official resignation effective December 7, the search goes on for his successor. The names of possible replacement for Ken are flying fast and furious. Following are names that are being tossed around.

John Fritz was deputy assistant under Smith and upon Smith's departure, Fritz assumed the role of acting assistant secretary. According to federal law, a person can remain acting for just 30 days, so Fritz is once again deputy assistant.

Frank Ryan served as executive director for the Presidential Commission on Indian Reser-

vation Economies. He was at one time director of the office of Indian education in the department of education. He was born and raised on the Blackfeet reservation.

Ted Bryant, a Cherokee-Choctaw, is currently employed by the accounting firm of Deliot, Haskins and Sells in Denver, Colorado. He was a commissioner on the Presidential Commission on Indian Reservation Economies.

David Lester is currently executive director of NCAI. He is presently a private consultant in Washington, D.C. offering assistance to Indian tribes.

Lynn Engles is currently executive director of NCAI. He is presently a private consultant in Washington, D.C. offering assistance to Indian tribes.

Leroy Clifford is presently special assistant to Smith. He has been executive director for the American Indian Higher Education Consortium.

Ivan Sidney, chairman of the Hopi, and Dave Matheson, chairman of the Coeur d'Alene, are both being considered for the position.

The department of the Interior is in a bit of an upheaval since Smith and Interior Secretary William Clark resigned. Don Hodell has been nominated to succeed Clark. Hodell's confirmation hearings will be February 1 before a CERT committee. According to sources, no problems are anticipated on Hodell's confirmation. It is estimated that his confirmation by the Senate will come before the end of February. Smith's successor will be selected after Hodell is sworn in and seated.

Idaho, will include the impact of 456 current legal issues among Indians.

Other specialists include Ross Swimmer, chief of Cherokee Nation of Oklahoma; Lynn Engles, commissioner of Administration for Native Americans, Department of the Interior, Washington, D.C.; David Lester, director of the Council on Energy Resources from the Under Secretary of the Interior Department, Denver; Dr. Lois Abeles, director for the National Center of

Economic Education for Children, Cambridge, Mas.; Lyle La Framboise, president of Eagle 2000, Pierre, S.D.; Jake White Crow, director of the National Indian Health Board, Denver; and Jim Kress, consultant for the Vital Issues Projects, Erie, Pa.

The registration fee for the conference is \$40 per person. The fee includes meals, special events and the annual intertribal powwow. For further information, including motel accommodations and conference activities, contact Rainer at (801) 378-7223.

Rummage Sale

Where: Uren Leonard's, 2700 Greeley Heights
When: February 5 and 6, 10 a.m. until evening

Why: Fundraising for youth/teen basketball teams, the Warm Springs Angels and Warm Springs Little Bucks.

Howlak Tichum

Hamley Winfield Danzuka

Enrolled member of the Confederated Tribes of Warm Springs, Hamley Winfield Danzuka, 21 died at his residence in Warm Springs on January 23.

Danzuka was born May 10, 1963 in Prineville, Oregon to Gerald and Kathleen (Heath) Danzuka. His father preceded him in death in 1970. He lived most of his life at Warm Springs. He attended grade school at Warm Springs; he attended his first two years of high school in Toppenish, Washington; he returned to Warm Springs and finished high school in Madras where he graduated in 1981. Right after high school he joined the U.S. Army and was discharged in 1983. He had worked with the Jobs Bills construction department as a carpenter trainee on the Wolfe Point housing project. He also worked for

Natural Resources on the gabion project. His special interests were rodeo, hunting, fishing and basketball.

Surviving him are his mother Kathleen Foltz and his stepfather Jim Foltz of Warm Springs; two brothers Gerald Danzuka, Jr. of Seoul, Korea and Orvie Danzuka of Warm Springs; five sisters, Doreen and Kathy Danzuka of Union Gap, Washington, Becky Danzuka, Laurie Danzuka and Luanne Foltz of Warm Springs; and numerous nieces, nephews, aunts and uncles.

Tribal dressing ceremonies were held at the Agency Longhouse Friday, January 25 at 2 p.m. with Nelson Wallulatam officiating. Overnight ceremonies followed at the Agency Longhouse. Burial was at the Agency Cemetery on Monday, January 28 at 8 a.m.

Tracy Gabriel McDonald

Tracy Gabriel McDonald, 29 days old, died January 28 at the Mt. View Hospital emergency room. The baby boy was born December 30, 1984 to Tilden, Sr. and Vicky McDonald.

Surviving him are his parents Tilden, Sr. and Vicky of Warm Springs; a brother Tilden McDonald, Jr.; a grandmother Virginia Mitchell of Yakima, Washington; a grandfather

Dalles Winishut, Sr. of Warm Springs; numerous aunts, uncles, nieces, nephews and Indian grandparents.

Dressing ceremonies were held at the Madras Evergreen Chapel on Thursday, January 31 with Nelson Wallulatam and Matilda Mitchell officiating. Burial followed the dressing ceremony at the Tenino Cemetery with a graveside service.

Church Services

St. Williams Catholic Church
Warm Springs
Matthew, Croft, Father
Confession prior to Mass
Sunday Mass begins at 8:30 a.m.

Reorganized Church of
Jesus Christ of Latter Day Saints
Elder, Clint Jacks
Tel.: 475-6616
Worship - 10:00 a.m.

Warm Springs
United Presbyterian Church

tel.: 553-1237
Sunday Worship - 9:00 a.m.
Communion and Healing - Thursdays, 7:00 p.m.

Warm Springs
Full Gospel Church
Orin Johnson, Pastor
Sunday School - 10:00 a.m.
Worship Services - 11:00 a.m.
Sunday Evening Service - 7:30 p.m.
Bible Study - Wednesday - 7:30 p.m.
Young People's Service, Friday - 7:30 p.m.

Warm Springs Baptist Church
Allen Eiston, Pastor
Tel.: 553-1267
Sunday School - 10:00 a.m.
Morning Worship - 10:00 a.m.
Bible Study: Wednesday, 8:00 p.m.