



Tribal plumber Cliff Stallings helps vacuum water that covered the floor of Spilyay Tymoo offices.



Water and wastewater foreman Ron Maitland repairs broken water valve.

### Flooding halts paper production

What does a broken valve mean to you? Car trouble, or even heart trouble? Well, to Spilyay, a broken valve means a delay in deadlines and printing days as well as wet, wet carpets and squishy, soggy foot steps.

Upon coming to work Monday, July 10, Spilyay found water gushing from a broken valve in the layout room. The floors were covered with an inch or so of water. Carpets in the main part of the office and in the entry way were soaked.

Because of the delay caused by the break, we were forced to vacate our July 14 publishing day. Trying to make up for our lost edition, we've added four pages to this issue.

### Fellowship targets Indian graduate students

The Association on American Indian Affairs (AAIA) will accept applications from July 01, through September 16, 1989, for the Sequoyah Fellowship Program for American Indian and Alaska Native graduate students.

The Fellowship provides a one-year, \$1500 unrestricted stipend paid in two equal installments. Over the past several years, the Association has awarded Sequoyah Fellowships to American Indians and Alaska Natives pursuing graduate degrees in such diverse fields as anthropology, microbiology, education, law, mechanical engineering, psychology and business administration at universities throughout the United States.

To be considered for a Fellowship, a graduate student must be an enrolled member of an American Indian tribe or Alaska Native corporation to apply. The student should provide the Association with the following: 1) a biography describing his/her background; tribal affiliation and a certificate showing tribal membership, university year; subject of study; career goals; interests; and financial situation. 2) two (2) letters of recommendation - Social Security Number. 3) the name, address, and phone number of the financial aid officer at the university the student attends.

Applications should be directed to: Sequoyah Fellowship Program, Scholarship Coordinator, Association on American Indian Affairs, 95 Madison Avenue, New York, New York, 10016.

The selection of ten 1989-90 Sequoyah Fellows will be

announced by the Association beginning October 01, 1989.

For more information, contact Arlene Hirschfelder or Vali Kauke (212) 689-8720

### Poetry, prose requested

For an anthology, *Reinventing Ourselves in the Enemy's Language*, we are looking for submissions of original poetry and prose from native women writers from North, Central and South America. (Each writer must be identified with a tribal group). We will accept submissions in English, Spanish and tribal languages, up to 12 pages of prose including short stories, creative essays, testimonials or novel excerpts, or five pages of poetry.

We are looking for work that

encompasses Native women's experience as we enter the 21st century, 500 years since Columbus.

Also enclose a short biography which states your tribal affiliation. USA submissions please enclose SASE and remember not to send your only copy of a work.

Payment for published work will be in copies, with a small honorarium, to be determined.

Deadline for submissions is May 1990. Please sent to: Joy Harjo, P.O. Box 42853, Tucson, Arizona 85733, U.S.A.

### Pesticides—

*Continued from page 5*

Durenberge, K-Minn., and Senator Patrick Leahy, D-Vt., in the Senate (S.1419).

According to the Senate's "Ground Water Safety Act of 1987," which is similar to Rep. Oberstar's bill, EPA would be required to set health based limits for pesticides in ground water and restrict pesticides which leach into the soil, threatening ground water quality. In addition, the bill would require each state to establish a strong program to protect existing and future ground water drinking sources for contamination. The proposal recommends annual authorizations of \$50 million to EPA and \$25 million in grants to states to implement the new law.

### Senior's Corner— Update provided

by Barbara Yaw

Senior citizens will be seeing more of Gayle Rodgers as he has moved his office to the senior building.

Adeline had surgery on the sixth and returned home on the 13th. She is home recuperating and we all wish her the best. She is missed at work.

Ruby will be leaving the program for a new business venture. We all wish you the best "Miss Ruby" and we will miss you.

### Fish also part of ecosystem— Continued from page 5

ways make up some of the last free flowing streams needed in the life cycle of the anadromous fish that migrate up the Deschutes River to spawn. Therefore, Warm Springs River and Shitike Creek and their tributaries are critical to the survival of the anadromous fish that spawn in the Reservation streams.

Salmon and other fish need cool, clean running water and an adequate food supply. They require clean gravel beds for spawning. Fish are extremely sensitive to changes in habitat and water quality; ranges for some species are so narrow that any extreme change is generally lethal. For example, a temperature increase of just over two degrees at the Warm Springs Fish Hatchery would have a major adverse impact on the salmon in the hatchery.

Fish are sensitive to suspended and bed load sediment. If spawning beds are covered by silt, deposited fish eggs will die or be unable to emerge from the gravel.

Major factors, which can cause changes to key habitat components such as water quality, quantity, temperature, spawning and rearing habitat are: removal or riparian vegetation, physical modification of stream channels, soil disturbance and erosion that add to sediment loads, removal of large wood vegetation and introduction of toxic material.

All of the above can be a direct or indirect result of logging, road construction, and overgrazing. Generally one factor alone is not critical but the cumulative impact of

several can cause serious adverse impacts. Timber harvest and road construction can cause cover and shade removal, accelerated sedimentation reduction in watershed stability, increase in water temperature and spawning bed damages.

Overgrazing, especially in riparian zones, causes reduction in bank stability, vegetation removal and

increase in sedimentation. Fuel wood cutting, especially alders, in riparian areas removes shading and fish habitat in areas where very little is available and where cool pools are essential. Homesite developments that require water from important fish habitat can have a major adverse impact on fish in streams, such as Mill Creek, during

periods of drought. The condition of the aquatic systems that support salmon, trout and other aquatic species is fair to good. In order to enhance these streams an integrated resource management plan must be developed and implemented to improve all forest resources on the Reservation.

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### Thanks for help

To the Editor,

I would like to express grateful appreciation to the young couple who were in a van with a big red 44 on the cab and stripe from the 44. Our Ford Granada had overheated and died near Pat Ryan's house on top of the grade. The couple had a small baby and other children with them. The young man got water for us.

I don't know who you are, but thank you very much.

Mrs. Carmen Donnell Madras, Oregon

### Thriftstore moves

The Redmond Humane Society Thrift Store has moved to 512 S. 6th in Redmond next to Stockton's Cafe. There is adequate parking in the rear.

The store offers half-price days on the last Thursday, Friday and Saturday of each month. There is also a "\$1 A Bag Day" monthly. All proceeds benefit the animal shelter.

### "In Loving Memory"

Monuments, headstones and markers.

Numerous kinds of stones, colors and prices.

Made to your order.

See Lucinda Green

### Add nitrogen to garden

An application of nitrogen fertilizer is just the thing to keep home gardens going strong in late May and early June.

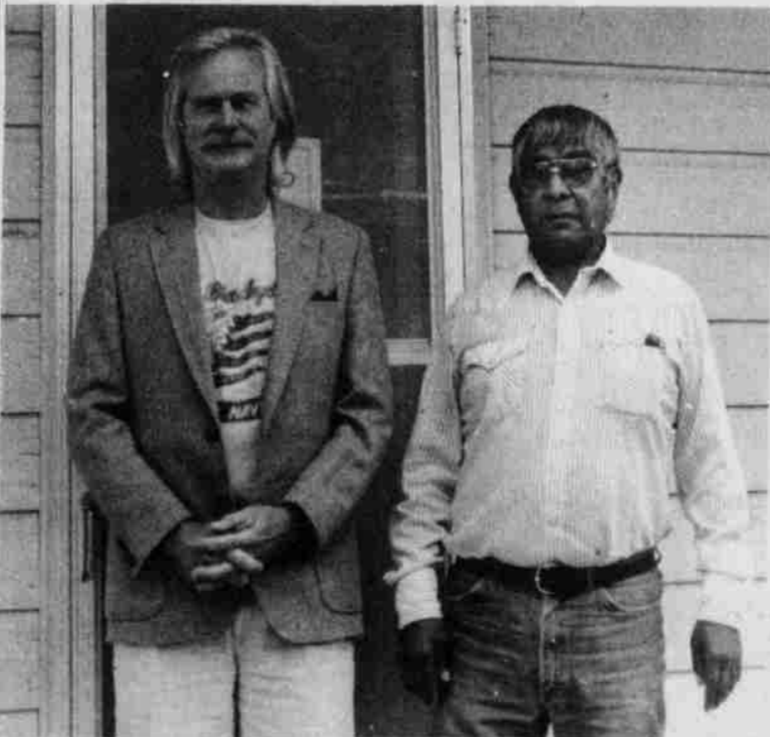
Spread additional nitrogen along vegetable rows and water it into the soil. This method of fertilizing plants is known as sidedressing.

Ammonium nitrate, ammonium sulfate and urea are good sources of nitrogen for the garden. A complete fertilizer such as a 10-10-10 combination also acts as a good nitrogen source for the garden.

Apply sidedressings at the following rates: ammonium sulfate, one-half cup per 10 feet; ammonium nitrate, one-third cup per 10 feet; urea, one-fourth cup per 10 feet.

Be careful not to apply extra nitrogen to tomatoes. The tomato plant will channel the nitrogen into excessive vegetative growth at the expense of the newly developing tomatoes.

### Department relocates to new offices



Larry Adams and Floyd Gibson, Employees Assistance office, can be found at the back entrance of the Extension Office.

The new location for Extension is at the corner of Paiute and Warm Springs Street, in the green house, number 1134.

Employee Assistance is also the same location but their entrance is in the back of the house, nearest to the Presbyterian Church.

Charles "Jody" Calica, Director of Natural Resources can be found in the court building, where Extension was before their move.

Sal Sahme, Director of Human Services, has his office in the Youth Services building along with his secretary, Trisha Ike.



Iva and Jim Pennington

To the editor,

Jim and Iva Pennington of Warm Springs celebrated their 20th wedding anniversary on July 23, 1989.

The couple was married in Jefferson County by the Reverend Waldo Boileau. Witnesses for this occasion were Earl and Shirley Tuft.

We, the children, Deborah Brown Scott, Rosa D. Brown, Harold

"Toot" Pennington, Aaron Lee Hart, all of Warm Springs, extend our heartfelt thanks, gratitude and our happiness for the best times of our lives and we will cherish the memories forever. Enjoy your anniversary with many more to come. Love you.

Your children and grandkids  
April Juanita Scott  
Paulday Pennington



Extension Office is now located on corner of Paiute and Warm Springs streets. Staff includes (left to right) top row—Clay Penhollow, Eraina Palmer, (front row) student worker Rena Suppah, Arlene Boileau and Debra Scott.