Tests ordered to detect toxins in lake

By Diana Penner
Staff Writer
Tests have been ordered to determine whether a highly toxic substance has leaked from a landfill on Campus Lake from a transformer leak in Health Service. University Health Services and NII Pollution Control said Tuesday.

Meister said the equipment and chemicals needed for the tests would cost $500 and that results will probably be available on July 1, the first day of the semester. The tests will be conducted by Pollution Control workers.

The budget also discovered that University officials had discovered that an unknown quantity of the fluid had escaped to a transformer leak in the basement of Health Services. Officials are not sure whether or how long the transformer leaked because it is not and seldom visited, but it was not a problem during the summer of 1979.

The fluid, used to cool sealed electricity, must be refrigerated at low temperatures, Meister said, that research, which is still in progress, has linked the substance to human malignancies and diseases.

The fluid is suspected to have leaked two to three feet from the transformer to the sump pump in the Health Service. From there, it could have traveled to Campus Lake by way of a storm sewer and a leat dir run stream. Dry run streams only contain water during rain periods.

Meister said that EPA adherers in soil and sediment and is not found as a free floating element in water. In order for the substance to leave the soil and enter the lake, water would have to be moving at a continuous rate to carry sediment into the lake. He said that although the stream has contained water, he doesn’t feel that there have been large amounts of sediment down stream.

We’ve been in contact with the EPA on proceeding with the testing,” Meister said.

The sump was raised down with kerosene over break in the EPA standard.

Meister explained that the tests would be a special variation of gas chromatography using an electron capture detector which clearly picks up the presence of the substance.

Meister said there is no danger to swimmers who use the lake because the substance is not soluble in water. He said he feels 100 percent that public health is not threatened.

Meister said the tests will continue indefinitely until the conclusion of the University is conducting the tests.

He explained that the EPA is not actually found in a natural state, as in a lake, but its presence as it is a man-made chemical. After it is purified, it is determined the lake is re-inspected. However, it is now currently found in the Lake Campus Lake in small quantities. The EPA sets the standard for acceptable quantities of PCB.

Gus Bode

Wednesday, August 29, 1979 — Vol. 64, No. 3

Southern Illinois University

Bike registration on campus to continue through Friday

By Bill Crowe
Staff Writer

Bicycle registration for students living on campus dormitory locations began Monday and will continue for the rest of the week, said Merilyn Hogan, campus parking manager.

Sudoku Patrol officers have been conducting bicycle registration at Grinnell Hall Monday and Tuesday. Hogan said and they will continue the sampling Wednesday, Thursday and Friday the officers will be stationed at Thompson Point to register students on the west side of campus, she added.

Hogan said she would like the officers to be on station to register bikes for eight hours each day. However, she explained, the officers are students who also have to attend classes and they may not be able to register bikes that long. Registration hours are indefinite, pending the class schedules of the officers involved, she said.

Bicycle registration costs $2 and the license plate—to be displayed on the rear of the bike seats—are valid as long as the resident lives in Carbondale, she said.

The Carbondale Police Department, 610 E. College, is also registering bikes for cyclists who live in the city.

When a student applies for a bicycle license, the bike must pass a safety inspection conducted by the officers, Hogan said. A few of the safety features a bike must have to satisfy the inspection for labor and layout.

—A reflector on each wheel, placed at a distance from at least 200 feet.

—Side reflectors attached to the front and rear wheel spokes of the bicycle. The front wheel reflector must be amber or yellow and the rear reflector must be red. Both reflectors must be visible at night from 200 feet away.

—A red reflector placed under the seat.

—A white light attached to the handlebars is no longer required if cyclists do not intend to ride at night. Hogan said. However, the light is required if the cyclists are riding at night.

Student Police will begin ticketing unregistered bikes about two weeks. The fine for registration, parking or equipment violations is $5. The fine for operators or moving violations is $5.

University police officer Bill Eadyfash fastens a license plate to freshman Doug Gesselle's bicycle in front of Grinnell Hall as bike registration continues at on-campus housing. The on-campus housing was filled in the first week in July. (Staff photo by Dwight Yale)

University personnel can expect raises

By Paula D. Walter
Staff Writer

Increases in faculty salaries for University personnel will be larger on Sept. 1, Robert Gentry, vice president for financial affairs, said Tuesday.

Gentry said that the increase, which average 8 percent, are retroactive to Sept. 1, because of beginning of fiscal year 1980. He added that specific figures will be released at the Board of Trustees approves the increases at its Sept. 13 meeting.

Gentry said the board must meet in order to make sure the given salary increases are in accordance with a plan that was submitted and approved at an earlier meeting. Gentry said the plan contains salary increase guidelines of between 2% and 25% per month for faculty members, administrative, and professional and support employees. He said proposed salary increases above $100 or $125 per month for faculty members, administrative, and professional and support employees.

Civil Service employees are scheduled to receive an increase of 5.3 percent. Some employees will receive an additional 27 percent increase for merit, Gentry said. He said salary increases will be in effect for the employees.

"I will be very surprised if the board proposes any in- terjections, but if that is the case, obviously we will have to adjust the salaries accordingly," he said.

According to President Carney’s proposed raises for 1980, the average salary increase of 8 percent proposed by the University is not comply a voluntary increase for the Council on Wage and Price Stability, Gentry said.

Despite the fact that the board does not meet in on these increases until the middle of next month, Gentry said that the increases will be evident in the Sept. 1 paycheck.

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