

# Report on use of toxic chemicals

By Jamie Kemp  
For the Oregon Daily Emerald

OSPIRG released a report Friday documenting the amount of toxic chemicals used by industries in the state in 1991. OSPIRG concluded that the 16 manufacturing companies included in the report used over 300 million pounds of toxic chemicals.

The report included the first data released under Oregon's 1989 Toxics Use Reduction Law. "Toxic chemical use in the state, even in our limited study, is potentially staggering," said Quincy Sugarman, OSPIRG environmental advocate and author of the report. "The companies used over 120 million pounds of chlorine in 1991 alone. But our efforts made to reduce and eliminate chemicals in the report show that progress can be made to prevent pollution."

The report, "Breaking the Chemical Dependency", concluded that the amount of chemicals brought into these facilities exceeded 300 million pounds, including over 120 million pounds of chlorine in 1991. Other chemical use, such as methanol and sulfuric acid, was included in the first data released under Oregon's landmark Toxics Use Reduction Law.

The law requires users of toxic chemicals and generators of hazardous waste to evaluate their use of toxic chemicals and create a company plan to reduce usage, and provides technical assistance to companies to reduce such chemicals. Sugarman said the law is designed to help companies focus on ways to reduce toxic use in the state.

"By looking at the use data over time, hopeful-

ly we can see how these companies are working to reduce risks to the public and the environment," she said. "The report shows that we have a problem with chemical use, but there are plenty of people making progress."

State senator Peter Sorenson joined OSPIRG at the news conference. He said Oregon's pioneering efforts at pollution prevention highlight the need to focus on the source of the problem. "By increasing the reduction in toxic substances, as well as the internal recycling and reuse of chemicals, we can prevent a host of other health and environmental problems," said Sorenson.

The report includes several examples of reduction successes in the state. Pulp mills, the largest chlorine users under the law, are all implementing technological changes to reduce their use of elemental chlorine. One mill is exploring the use of ozone and hydrogen peroxide as alternatives, while the other two are substituting chlorine dioxide in the pulp-bleaching process. Other reduction examples include elimination of chlorine in certain food processing operations and reduction of chlorine use in aluminum processing.

According to OSPIRG, use of chlorine-containing compounds leads to creation of numerous toxic by-products. Some of these compounds are linked to human and animal health threats such as cancer.

Sugarman said the 1989 Toxics Use Reduction Law is helping pollution prevention to become more prominent in Oregon by providing data to the public and getting more companies in the state to look for ways to reduce toxic use.

## MUSIC

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performance, pianist Kammerer did not. He led the group through the remainder of the piece — from memory.

"Ed played it note-perfect," Dowd said. "He had a kind of musical memory like no one else I've known. He saved the performance."

Kammerer, a classical french horn and jazz studies professor at the School of Music since 1970, died Friday, Nov. 12, of leukemia. In the last two weeks, professors and students alike have been reflecting on his value to the school as both a musician and friend.

Kammerer's resume alone speaks for his talent: he played french horn for the Eugene Symphony and Oregon Bach Festival orchestras, appeared with the New York Philharmonic and Metropolitan Opera in years past and was named Musician Laureate for Oregon in 1983 by Gov.

Vic Atiyeh.

He had toiled on piano for the Kammerer/Dowd quartet, an affiliate of the Oregon Arts Commission, since 1979. He and Dowd composed their own pieces, looking for ways to mesh Kammerer's pleasing-yet-inventive jazz lines with Dowd's soaring vibraharp solos. Dowd, a percussion professor at the school himself, said Kammerer's piano work developed into a unique meld of different styles that everyone could appreciate.

"He was a musician's musician," he said. "Even professional musicians could learn from his musicality."

Gary Martin, associate dean and director of graduate studies at the music school, spoke at Kammerer's memorial service at Beall Hall on Nov. 14.

Martin quoted former music school dean Bernie Dobroski about Kammerer's death: "Even in his passing I know he has left a legacy for all who were touched by his caring and nurturing

essence — a legacy of dedication, respect and commitment which was his life, and which, in truth, can never die."

Kammerer worked with students throughout his career, first as an instructor, then as an undergraduate adviser for the school. He was in charge of recruiting, auditioning, admitting and advising undergraduates.

One of the students he helped graduate last year, Brent Pennington, said Kammerer's teaching style helped him grow as a musician.

"He had a way of letting you help teach yourself," Pennington said. "He asked what you needed to work on, what you wanted to play and was always willing to help in any way he could."

"Ed was, for me, not only a competent and reliable colleague, but a close friend," said Gary Martin, associate dean and director of graduate studies for the music school.

## ET ALS

### MEETINGS

Pre-Health Sciences Center will hold a general meeting of the Asklepiads tonight at 6 in EMU Century Room C. For more information, call 687-8266.

Eugene Footbag Club will meet tonight at 7 in the Outdoor Program Center at the EMU. For more information, call 344-4731.

### RELIGION

Restoration Campus Ministry will con-

duct a roundtable discussion on the subject of "Is the Bible Reliable?" tonight at 7 in EMU Century Room D. For more information, call Dick Boswick at 726-5480.

### MISCELLANEOUS

Ecology & Evolution Group Population Biology NonBreakfast will include Dr. Russell Lande and David Butcher, who will discuss "Risks of Extinction from Fixation of Deleterious Mutations in Sexual and Asexual Populations" today at 9 a.m. in Room 331

### Klamath.

Career Planning and Placement Service will conduct an office orientation from 4 to 5 p.m. today in Room 221 Hendricks. For more information, call 346-3235.

U.S. Marine Corps will have a table in the EMU from 10 a.m. to 2 p.m. today. For more information, call 346-3235.

Deadline for submitting Et Als to the Emerald front desk, 300 EMU, is noon the day before publication. Et Als run the day of the event unless the event takes place before noon.

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