

November Luncheon Highlights Coal Ash Use on Local Roads

On November 11th at Shorewood Country Club, local environmental issues take center stage with a luncheon discussion on the use of coal ash as a road salt. Several municipalities are currently using the bottom ash from NRG's Dunkirk power plant mixed with sand or other substances as a road salt replacement. We'll have as our guest Professor John (Jack) Berkley (Ph.D. Univ. of New Mexico, 1977), who is the chairperson of the Geosciences Department at SUNY Fredonia. He is an igneous/metamorphic petrologist and planetary scientist. His major research has centered on petrological and geochemical studies of a certain class of meteorites called achondrites. During the summers of 1998 and 1999, Dr. Berkley accepted a NASA fellowship that involved petrological and geochemical work on a Martian meteorite (EETA79001). He spent about 10 weeks at Johnson Space Center, Houston, each summer using the electron microprobe facilities, collaborating with colleagues, and taking advantage of the fine research resources available at JSC and the nearby Lunar & Planetary Institute.

At SUNY Fredonia, Dr. Berkley teaches courses in petrology (rocks), volcanology, Planetary Science, and Environmental Science. He has given many university and community-wide talks on environmental topics, which have included titles such as: Global Climate Change, the Effects of Fossil Fuel Combustion on Climate and Air-Water Quality, "Clean Coal" Technology, and the Threat to Civilization from Multiple Environmental Hazards.

Diane Hofner completed undergraduate studies at Rosary Hill College (aka Daeman) in 1967. She immediately began teaching and earned her masters degree at Buffalo State in 1972. After a 33 year career as a mathematics teacher for West Seneca Central Schools, Diane retired in July, 2000.

Diane and her husband Jim purchased property in 1986 and built a vacation home in Portland, NY. The Hofner family spent many years enjoying the environment and many offerings of Chautauqua county. In 2004, Jim



Truck paving road with coal ash

and Diane made Portland their year round residence. They often entertain family and friends. The Hofners especially enjoy having their grandchildren share their love of Chautauqua.

In the spring of 2007, Jim and Diane co-founded C.R.O.P. - Concerned Residents of Portland, NY. This grassroots environmental group has now expanded to CROP- PLUS: Concerned Residents of Portland, NY PLUS People Like Us. We are concerned over the use of coal combustion bottom ash as a traction agent on our roads and for trail making.

The luncheon will commence at noon and feature your choice of a scoop of chicken salad on mixed greens with fresh fruit, shrimp salad croissant with fresh fruit garnish, or grilled ham and cheese sandwich with tomato bisque soup for \$11. Fill out the form below and mail to to Debbie Schwert, 5162 West lake Road, Dunkirk, NY 14048, 366-2216, arkanddove10@adelphia.net **Be sure to invite a friend, and if you prefer to not attend for lunch, please come at 1 for the speakers!**

November Program Reservation Form

Name _____

Number of guests _____ Amount Enclosed \$ _____
(\$11 per person)

_____ Scoop of chicken salad on mixed greens with fresh fruit

_____ Shrimp Salad Croissant with fresh fruit

_____ Grilled Ham & Cheese with Tomato Bisque



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