



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF WASTE MANAGEMENT  
Highland Building  
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Pittsburgh, Pennsylvania 15206-3988  
(412) 645-7100 (answers 24 hrs.)

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August 30, 1988

U.S. Environmental Protection Agency  
841 Chestnut Building  
Philadelphia, PA 19107

**Administrative Record**

Attention: Steve Jarvela, Chief (3HW25)  
Removal Response Section

RE: Vanport Municipal Water and Sewer  
Authority  
Vanport Township  
Beaver County

Dear Mr. Jarvela:

This is a follow-up to the waste release report phoned to the Environmental Protection Agency (EPA) on Tuesday, August 23, 1988 and our conversation of August 24, 1988 concerning the Vanport Municipal Drinking Water Authority.

To restate the basic elements of the situation:

1. Vanport Township is located in southwest Pennsylvania, Beaver County.
2. Vanport Municipal Water and Sewer Authority supplies the Townships of Vanport and Brighton with drinking water. The population served is approximately 10,000 persons. There is an interconnection with Beaver Borough's water system.
3. Vanport Municipal Water and Sewer Authority obtains its raw water from a well field. There are six wells. The maximum draw is 2.7 million gallons per day.

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4. Treatment is limited to chlorination.
5. Because of the Ashland oil spill, Vanport began sampling their wells for organics in January 1988.
6. Organics found include TCE (1,1,1-Trichloroethylene), 1,1,1-Trichloroethane, Methylene Chloride, and Toluene.
7. Concentrations of TCE have been found in the Vanport wells as high as 270 ppb and in the distribution system as high as 110 ppb.
8. None of the parameters were found in the Ohio River, upstream or downstream.
9. The Safe Drinking Water Act defines a maximum contaminant level (MCL) of TCE to be 5 ppb.
10. To date the source of the uncontrolled release has yet to be identified. There are two suspected sources.
11. The time period that the residents have been exposed is unknown.

This matter is brought to your attention because it appears that EPA action may be appropriate under the authority of CERCLA, Section 104, which would be consistent with Section 300.65 of the National Contingency Plan.

Attached are copies of laboratory results, private wells, Westinghouse monitoring wells, municipal wells, summary sheets, well logs, public water evaluation and a map of the area. The two potential sources of contamination are:

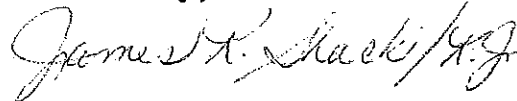
1. The Westinghouse Beaver Plant. This facility has installed wells on-site and has initiated a monitoring program. Their program has demonstrated groundwater contamination. Lab results are attached.
2. A sand and gravel pit. This site is located in what is referred to on the map as the "Beaver Sand Company". Samples were taken from an auto dealership, Nick Crivelli Chevrolet, which discharges into the quarry. Lab results are attached.

Since our conversation, representatives of the Agency and the Department have been in contact. It has been suggested that technical assistance from EPA's ERT group in Edison, New Jersey may be available. The assistance discussed would be in the form of remedial system design for the water plant, both long and short term, hydrological interpretation, well design and placement. If available, EPA assistance would be appreciated.

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If you have any questions or if I can be of any assistance, please feel free to phone me at 412/645-7100.

Sincerely,



James R. Shack  
Project Officer  
Division of Emergency & Remedial Response  
Bureau of Waste Management

JRS/kld

cc: Region  
Central  
Chron  
Beaver County  
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Mr. John Capacasa  
Mr. Jerry Saseen