

*Jim Schmidt*

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES



Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Regional Headquarters  
2300 N. Dr. ML King, Jr. Drive, Box 12436  
Milwaukee, WI 53212-0436  
TELEPHONE 414-263-8500  
FAX 414-263-8606  
TDD 414-263-8713

April 29, 1997

File Ref : SER-RR

Kenneth Theisen  
On Scene Coordinator  
United States Environmental Protection Agency-Region 5  
77 W Jackson Blvd. HSE. 5J  
Chicago, IL 60604

Re: Request for Removal Action Plan near Lime Kiln Park, Grafton, Wisconsin

Dear Mr. Theisen,

The Wisconsin Department of Natural Resources requests the United States Environmental Protection Agency (USEPA) Region 5 assistance in a Removal Action Plan (RAP) in the area near Lime Kiln Park, in Grafton, Wisconsin. At this site, several private ground water drinking water wells have been found to be contaminated with volatile organic compounds, including a well that has vinyl chloride at 18 ppb, which is in excess of the USEPA removal action level for this substance. For your information, we have attached recent sampling results from one of the contaminated wells. If you need additional information on the site or the data please feel free to contact John Feeny, Hydrogeologist assigned to this project at 414-229-0850. We appreciate USEPA's assistance in this urgent matter. It is our understanding that USEPA will install and maintain any installed system for one year. We also understand that any operation and maintenance of these units beyond one year will not be the responsibility of USEPA. If it becomes necessary to continue the operations of these units beyond one year, all affected parties need to meet to resolve that responsibility by early 1998. Thanking you.

Sincerely,

*Lakshmi Sridharan*

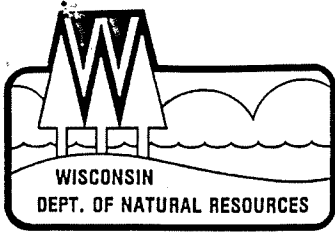
Lakshmi Sridharan Ph.D., P.E.  
Southeast Region Air and Waste Leader

Attachment

CC: Village of Grafton  
Art Harrington, Godfry & Kahn  
Robert Krill WS/2  
Sharon Schaver/Chad Czarkowski  
SED RR file

Town of Grafton  
Mark Giesfeldt RR/3  
Ron Kazmierczak  
Walt Ebersohl/John Feeny





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Annex  
4041 N. Richards Street, Box 12436  
Milwaukee, WI 53212-0436  
TELEPHONE 414-229-0800  
FAX 414-229-0810

March 14, 1997

IN REPLY REFER TO:

Mr. and Mrs. Aloys Hospel  
1752 Manchester Drive  
Grafton, WI 53024  
WUWN: IZ489

*needs treatment unit*

SUBJECT: Drinking Water Health Advisory and No-Contact Advisory for Vinyl Chloride

Dear Mr. and Mrs. Hospel:

This letter provides written confirmation of the drinking water health advisory and no-contact advisory verbally issued to you on March 10, 1997 by the Department of Natural Resources.

The advisory is based upon analytical results from a February 12, 1997 water sample that Mr. Kevin Shurilla, Water Supply Specialist, collected from your residence. The following contaminants were found in your drinking water:

CONTAMINANT	VALUES in ppb (or ug/L)	Standard in ppb (or ug/L)
Trichloroethylene	59	5
Cis-1,2-Dichloroethylene	240	70
Trans-1,2-Dichloroethylene	1.5	100
Tetrachloroethylene	0.54	5
Vinyl Chloride	18	0.2
1,1,1-Trichloroethane	19	200
1,1-Dichloroethane	46	850
1,1-Dichloroethylene	4	7

## Drinking water health advisory

*Cis-1,2-dichloroethylene, trichloroethylene, and vinyl chloride concentrations found in your water exceed their established state and federal drinking water standards. You are advised to seek an alternate water source for drinking and cooking.*

The Department of Natural Resources will be providing bottled drinking water to you through an emergency response fund.

## No-Contact Advisory for Vinyl Chloride

Based on the presence of vinyl chloride at 18 parts per billion found in the February 12, 1997 water sample, Mr. Chuck Warzecha of the Department of Health and Family Services - Division of Health has advised the Department of Natural Resources of the need to issue a no-contact advisory for Vinyl Chloride. According to the Division of Health, the level of vinyl chloride found in your water well meets the following criteria for a no-contact advisory:

1. The contaminant must be volatile or known to be absorbed through the skin.
2. The contaminant must be a suspected or known human carcinogen [this may be expanded to include other health end-points].
3. For carcinogens, the level of contamination must exceed the 1 in 10,000 lifetime cancer risk estimate.
4. The level of contamination must exceed both the federal drinking water standard and the state groundwater enforcement standard for the substance.

The level of vinyl chloride at 18 ppb meets the preceding criteria and we are issuing a written no-contact advisory for your well water at this time. Mr. Warzecha discussed interim measures that you can take to reduce the inhalation exposure until an alternate water source for your home during his meeting with you on March 10, 1997; please contact him at (608) 267-3732 if you have additional questions about this no-contact advisory.

During our telephone conversation today, you have asked that I proceed with plans to install an interim water treatment unit on your supply for contaminant removal. I will proceed with this alternative and will let you know about our progress by telephone on March 20, 1997.

I appreciate your cooperation with the Department of Natural Resources during this investigation. If you have questions about this letter, the status of our investigation, or any other concern related to your drinking water, I may be contacted at (414) 229-0821.

Sincerely,



Sharon L. Schaver  
Hydrogeologist, Southeast Region  
Drinking Water Program

c: Bureau DG/2 (2) [Krill/Gerhardt]  
Division of Health (2)  
Pilarski/Krohn - SER Annex  
John Feeney / Walt Ebersohl - SER/Annex  
Gayan/D'Antuono - SER/Headquarters