



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I

J.F. KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203-2211

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November 21, 1991

Mr. John Hibshman
P.O. Box 173
Lyndonville, Vt 05851

Dear Mr. Hibshman:

I am writing you this letter to transmit the enclosed well water sample results obtained from your residence in early August 1991. The enclosed results represent the analysis performed on your well water for volatile organic compounds. We only tested for volatile organic compounds because they are the only contaminants which have been detected in the contaminated groundwater beneath your residence.

To confirm the quality of the shallow groundwater, three water supply wells were re-tested during the summer of 1991. The results for your wells are identified as G701-I and G703-I and are listed under the date 08/06/91. Sample location G701-I is your primary residence and sample location G703-I is the smaller residence. The enclosed results indicate that the water from both wells does not exceed any EPA-established safe drinking water maximum contaminant levels (i.e. trichloroethene - 5 parts per billion (ppb), benzene - 5 ppb) and/or VT-established primary ground water quality standards for volatile organic compounds.

The investigations at the Darling Hill Dump continue to show low levels of trichloroethene contamination in the deep portion of the groundwater beneath your residence. Fortunately, this contamination is below the depth of your water supply well, but you should contact myself at EPA or Tom Moye at the Vermont Department of Environmental Conservation (244-8702) if you intend to install a deeper well.

In summary, your water supply continues to meet all federal and state drinking water standards for the compounds evaluated. Please contact me at (617) 573-5782 if you have any questions concerning the results. I appreciate your co-operation with the investigations.

Sincerely,

Edward M. Hathaway
Edward M. Hathaway
Remedial Project Manager



DARLING HILL DUMP
ADMINISTRATIVE RECORD

DAR 001

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TABLE 4-15
ANALYTICAL RESULTS
RESIDENTIAL WELLS
REMEDIATION INVESTIGATION REPORT
DARLING HILL PROJECT
OCTOBER 22, 1991

TCL VOC Analysis

Analyte	G701-I 06/21/90 ug/L	G701-I 08/09/91 ug/L	G701-I 06/21/90 ug/L	G701-R 08/09/91 ug/L	G702-I 06/21/90 ug/L	G702-I 08/09/91 ug/L
Acetone	N/A	ND	U	N/A	ND	U
Benzene	ND	U	ND	U	ND	U
Carbonylsulfide	N/A	N/A	N/A	N/A	N/A	N/A
Chloroform	ND	U	ND	U	ND	U
1,2-Dichloroethane	ND	U	ND	U	ND	U
1,2-Dichloroethane (total)	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Trans-Dichloroethane	ND	U	ND	U	ND	U
Cis-1,2-Dichloroethane	ND	U	ND	U	ND	U
1,1-Dichloropropane	ND	U	ND	U	ND	U
Methylene Chloride	ND	U	ND	U	ND	U
4-Methyl-2-Pentanone	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethane	ND	U	ND	U	ND	U
Toluene	ND	U	ND	U	ND	U
1,1,1-Trichloroethane	ND	U	ND	U	ND	U
Trichloroethene	ND	U	ND	U	ND	U
Vinyl Chloride	ND	U	ND	U	ND	U
Xylenes, Total	N/A	ND	U	N/A	ND	U

TCL VOC Analysis

Analyte	G703-I 06/21/90 ug/L	G703-I 08/09/91 ug/L	G704-I 06/21/90 ug/L	G704-I 06/21/90 ug/L	G704-I 1/21/91 ug/L
Acetone	N/A	ND	U	N/A	N/A
Benzene	ND	U	ND	U	ND
Carbonylsulfide	N/A	N/A	N/A	N/A	N/A
Chloroform	ND	U	ND	U	ND
1,2-Dichloroethane	ND	U	ND	U	ND
1,2-Dichloroethane (total)	N/A	N/A	N/A	N/A	N/A
1,2-Trans-Dichloroethane	ND	U	ND	U	ND
Cis-1,2-Dichloroethane	ND	U	ND	U	ND
1,1-Dichloropropane	ND	U	ND	U	ND
Methylene Chloride	ND	U	ND	U	ND
4-Methyl-2-Pentanone	N/A	N/A	N/A	N/A	N/A
Tetrachloroethane	ND	U	ND	U	ND
Toluene	ND	U	ND	U	ND
1,1,1-Trichloroethane	ND	U	ND	U	ND
Trichloroethene	ND	U	ND	U	ND
Vinyl Chloride	ND	U	ND	U	ND
Xylenes, Total	N/A	ND	U	N/A	ND

in sample designation. I indicates initial sample, R indicates replicate sample and B indicates blank sample

U - Not Detected

B - Reported value less than CRDL but greater than the instrument detection level

J - Estimated Value

File #19wells wt1

DARLING HILL DAM
APRIL STATEWIDE RECORD

DAR 001

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