



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council
RELAY SERVICE FOR THE HEARING IMPAIRED
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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main Street/West Building
Waterbury, Vermont 05671-0404
(802) 241-3888
fax (802) 244-5141

May 31, 1994

Mr. Dick Lavarriere
Mount Anthony Union High School District #14
Administrative Offices
South Stream Road, RR 3, Box 3600
Bennington, Vermont 05201

RE: Site Management Activities Completed, Mount Anthony Union High School,
Bennington (site #93-1555)

Dear Mr. Lavarriere:

In November of 1993, the Mount Anthony Union Middle School in Bennington experienced elevated levels of petroleum vapors inside the building. In response to this problem, the Vermont Department of Environmental Conservation, Sites Management Section (SMS) assisted the School District in an investigation to determine the source of this problem. To date, investigations into the source of this problem have proved inconclusive. However, the vapor problem which plagued the school have dissipated, and are currently not a problem. In addition, on December 12, 1993, one 10,000 gallon heating oil underground storage tank located at the school was removed to comply with 8-605 of the Vermont UST Regulations.

Based on the findings of the site, the SMS requested that the School District perform an environmental site assessment to ascertain the degree and extent of possible subsurface contamination near the school's heating oil tanks. The School District informed the SMS that it did not have the funds to perform this work. Based on this, the SMS used the State Lead Contract to hire Griffin International, Inc. of Williston, Vermont to perform this assessment. The report of this assessment was submitted to the SMS on March 23, 1994. I have already sent you a copy of this report for your review and file. The findings of this report indicate that there is little to no subsurface contamination under the school originating from the school's heating oil tanks.

On March 25, 1994, the SMS sent the School District a letter stating that the SMS would perform one additional round of sampling at this site for the School District. This work was performed on April 22, 1994. The results of this sampling event support the findings of the March 23, 1994 Griffin report (copy of results attached).

Based on these findings, the SMS has determined that site management activities have been completed at this site. The completion of these activities do not release the Mount Anthony Union High School District #14 from any past or future liability

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which may arise from the petroleum contamination which originated from the leaking underground fuel oil storage tank. It does mean that the SMS is not requiring any additional work be performed at this site in response to the November, 1993 release.

If you have any questions pertaining to the contents of this letter, please feel free to contact Chuck Schwer or me at 241-3888.

Sincerely,



George Desch, P.E., Chief
Sites Management Section

GD/rfs/59411clo.1555

Attachments

cc: Bennington Selectboard (w/o attachments)
DEC Regional Office (w/o attachments)

5/05/94

Department of Environmental Conservation Laboratory
Method 8240 - Volatile Organics in Water

GJD

Lab Id: 7118 Report To: T/CROPLEY
Location: MW 3

Phone: 241-3888 Date Collected: 4/22/94
Program: 41 1555 Chain of Custody? No

Notes:

Date Analyzed: 4/29/94 Over hold? No Dilution factor: 1

Parameter	Units are ug/l		Remark Code	Rel % Diff.	Spiked Dups ?	Percent Recovery
	PQL	Result				
Vinyl chloride	10	N.D.				
Chloromethane	10	N.D.				
Bromomethane	10	N.D.				
Chloroethane	10	N.D.				
Trichlorofluoromethane	10	N.D.				
Acetone	100	N.D.				
1,1-Dichloroethene	5	N.D.				
Carbon disulfide	100	N.D.				
Methylene chloride	5	N.D.				
Methyl-t-butylether (MTBE)	10	N.D.				
1,2-Dichloroethene	5	N.D.				
1,1-Dichloroethane	5	N.D.				
Vinyl acetate	50	N.D.				
2-Butanone	100	N.D.				
Chloroform	5	N.D.				
1,1,1-Trichloroethane	5	N.D.				
Carbon tetrachloride	5	N.D.				
Benzene	5	N.D.				
1,2-Dichloroethane	5	N.D.				
Trichloroethene	5	N.D.				
1,2-Dichloropropane	5	N.D.				
Bromodichloromethane	5	N.D.				
4-Methyl-2-pentanone	50	N.D.				
cis-1,2-Dichloropropene	5	N.D.				
Toluene	5	N.D.				
trans-1,3-Dichloropropene	5	N.D.				
1,1,2-Trichloroethane	5	N.D.				
2-Hexanone	50	N.D.				
Tetrachloroethene	5	N.D.				
Dibromochloromethane	5	N.D.				
Chlorobenzene	5	N.D.				
Ethylbenzene	5	N.D.				
Xylenes	5	N.D.				
Styrene	5	N.D.				
Bromoform	5	N.D.				
1,1,2,2-Tetrachloroethane	5	N.D.				
Total Volatile Hydrocarbons	100	330	E			

HAZARDOUS MATERIALS
MANAGEMENT DIVISION
MAY 6 2 48 PM '94

Surrogate Percent Recoveries (S=Surrogate recovery out of range)

1,2-Dichloroethane-D4 98% D8-Toluene 92% 4-Bromofluorobenzene . 96%

Notes: Capillary column used with EPA approval.

Remarks: E=Estimated Value J=Value may be in Error O=Value outside Standard Curve

5/05/94

Department of Environmental Conservation Laboratory
Method 8240 - Volatile Organics in Water

GJD

Lab Id: 7119 Report To: T/CROPLEY
Location: MW 2

Phone: 241-3888 Date Collected: 4/22/94
Program: 41 1555 Chain of Custody? No

Notes:

Date Analyzed: 5/02/94 Over hold? No Dilution factor: 1

Parameter	Units are ug/l		Remark Code	Rel % Diff.	Spiked Dups ?	Percent Recovery
	PQL	Result				
Vinyl chloride	10	N.D.				
Chloromethane	10	N.D.				
Bromomethane	10	N.D.				
Chloroethane	10	N.D.				
Trichlorofluoromethane	10	N.D.				
Acetone	100	N.D.				
1,1-Dichloroethene	5	N.D.				
Carbon disulfide	100	N.D.				
Methylene chloride	5	N.D.				
Methyl-t-butylether (MTBE)	10	N.D.				
1,2-Dichloroethene	5	N.D.				
1,1-Dichloroethane	5	N.D.				
Vinyl acetate	50	N.D.				
2-Butanone	100	N.D.				
Chloroform	5	N.D.				
1,1,1-Trichloroethane	5	N.D.				
Carbon tetrachloride	5	N.D.				
Benzene	5	N.D.				
1,2-Dichloroethane	5	N.D.				
Trichloroethene	5	N.D.				
1,2-Dichloropropane	5	N.D.				
Bromodichloromethane	5	N.D.				
4-Methyl-2-pentanone	50	N.D.				
cis-1,2-Dichloropropene	5	N.D.				
Toluene	5	N.D.				
trans-1,3-Dichloropropene	5	N.D.				
1,1,2-Trichloroethane	5	N.D.				
2-Hexanone	50	N.D.				
Tetrachloroethene	5	N.D.				
Dibromochloromethane	5	N.D.				
Chlorobenzene	5	N.D.				
Ethylbenzene	5	N.D.				
Xylenes	5	N.D.				
Styrene	5	N.D.				
Bromoform	5	N.D.				
1,1,2,2-Tetrachloroethane	5	N.D.				
Total Volatile Hydrocarbons	100	N.D.				

HAZARDOUS MATERIALS
MANAGEMENT DIVISION
MAY 6 2 48 PM '94

Surrogate Percent Recoveries (S=Surrogate recovery out of range)

1,2-Dichloroethane-D4 94% D8-Toluene 98% 4-Bromofluorobenzene . 82%

Notes: Capillary column used with EPA approval.

Remarks: E=Estimated Value J=Value may be in Error O=Value outside Standard Curve

5/05/94

Department of Environmental Conservation Laboratory
Method 8240 - Volatile Organics in Water

GJD

Lab Id: 7120 Report To: T/CROPLEY
Location: MW 1

Phone: 241-3888 Date Collected: 4/22/94
Program: 41 1555 Chain of Custody? No

Notes:

Date Analyzed: 5/02/94 Over hold? No Dilution factor: 1

Parameter	Units are ug/l		Remark Code	Rel % Diff.	Spiked Dups ?	Percent Recovery
	PQL	Result				
Vinyl chloride	10	N.D.				
Chloromethane	10	N.D.				
Bromomethane	10	N.D.				
Chloroethane	10	N.D.				
Trichlorofluoromethane	10	N.D.				
Acetone	100	N.D.				
1,1-Dichloroethene	5	N.D.				
Carbon disulfide	100	N.D.				
Methylene chloride	5	N.D.				
Methyl-t-butylether (MTBE)	10	N.D.				
1,2-Dichloroethene	5	N.D.				
1,1-Dichloroethane	5	N.D.				
Vinyl acetate	50	N.D.				
2-Butanone	100	N.D.				
Chloroform	5	N.D.				
1,1,1-Trichloroethane	5	N.D.				
Carbon tetrachloride	5	N.D.				
Benzene	5	N.D.				
1,2-Dichloroethane	5	N.D.				
Trichloroethene	5	N.D.				
1,2-Dichloropropane	5	N.D.				
Bromodichloromethane	5	N.D.				
4-Methyl-2-pentanone	50	N.D.				
cis-1,2-Dichloropropene	5	N.D.				
Toluene	5	N.D.				
trans-1,3-Dichloropropene	5	N.D.				
1,1,2-Trichloroethane	5	N.D.				
2-Hexanone	50	N.D.				
Tetrachloroethene	5	N.D.				
Dibromochloromethane	5	N.D.				
Chlorobenzene	5	N.D.				
Ethylbenzene	5	N.D.				
Xylenes	5	N.D.				
Styrene	5	N.D.				
Bromoform	5	N.D.				
1,1,2,2-Tetrachloroethane	5	N.D.				
Total Volatile Hydrocarbons	100	N.D.				

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