

**CHAUTAUQUA COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES**

7 NORTH ERIE STREET MAYVILLE, NEW YORK 14757-1027
(716) 753-4481, FAX (716) 753-4344

March 6, 2007

Supervisor Steven Peterson
Town of Carroll
Box 497
Frewsburg, NY 14738

Re: Monitoring Results
Well #5 and MW-13

Dear Mr. Peterson:

This Department has received the results of samples collected as part of the monitoring program for the former Carroll Landfill. These samples are being collected as agreed upon by the Town, this Department and the New York State Departments of Health (NYSDOH) and Environmental Conservation (NYSDEC).

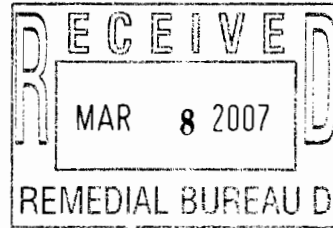
Enclosed are copies of the laboratory results from samples taken February 12, 2007. The samples were analyzed by the NYSDOH Wadsworth Laboratory. CIS-1,2-Dichloroethene and Vinyl Chloride were detected in monitoring well 13.

If there are any questions regarding these results, please do not hesitate to contact the writer at 661-7481.

Very truly yours,

Natalie C. Whiteman
Water Resource Specialist

Pc:Cameron O'Connor, NYSDOH
Martin Doster, NYSDEC
Tom Fenton, Water operator
Vivek Nattanmai, DEC



GREGORY J. EDWARDS
County Executive

ROBERT BERKE, M.D.
*Interim Commissioner of
Health Services*

STEVEN M. JOHNSON, P.E.
*Director of Environmental
Health Services*

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200700068 SAMPLE RECEIVED: 02/14/2007 11HR CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: 907017 DRAINAGE BASIN: 02 GAZETTEER CODE: 0652
POLITICAL SUBDIVISION: CARROLL COUNTY: CHAUTAUQUA
LATITUDE: LONGITUDE:
LOCATION: CARROLL TOWN LANDFILL FREWSBURG WATER DEPT
DESCRIPTION: WELL 5
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 071: PUBLIC WATER SUPPLY, MISCELLANEOUS - SURVEILLANCE
TEMPERATURE OF SAMPLE AT RECEIPT : 5.1 DEG C
TIME OF SAMPLING: 02/12/2007 03:10 DATE PRINTED: 02/27/2007

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER
DATE PRINTED: 02/27/2007 FINAL REPORT
|---> METHOD: EPA 502.2
DATE OF ANALYSIS 02/21/2007

-----PARAMETER-----

-----RESULT-----

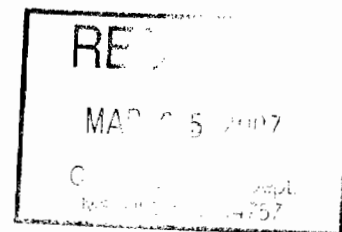
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
METHYL-tert-BUTYL ETHER (MTBE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR A. BUCCIFERRO 518-486-2530
ALL RESULTS : ACCREDITED BY THE NATIONAL ENVIR. LAB. APPROVAL PROGRAM
COPIES SENT TO: CO(1) RO(1) LPHE(2) FED(0) INFO-P(0) INFO-L(0)

DIRECTOR OF ENVIRONMENTAL HEALTH
CHAUTAUQUA COUNTY HEALTH DEPT.
HEALTH AND SOCIAL SERVICES BLDG.
MAYVILLE, N.Y. 14757

COLLECTED BY: DANIEL SIS
SUBMITTED BY: DANIEL SIS



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200700068 SAMPLE RECEIVED: 02/14/2007 11HR CHARGE: 8.00
POLITICAL SUBDIVISION: CARROLL COUNTY: CHAUTAUQUA
LOCATION: CARROLL TOWN LANDFILL FRESSBURG WATER DEPT
TIME OF SAMPLING: 02/12/2007 03:10 DATE PRINTED: 02/27/2007

-----PARAMETER-----	-----RESULT-----
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
m/p-XYLENE	< 0.5 MCG/L
o-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
n-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
o-CHLOROTOLUENE	< 0.5 MCG/L
p-CHLOROTOLUENE	< 0.5 MCG/L
tert-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
sec-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
n-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	

2

**** END OF REPORT ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200700069 SAMPLE RECEIVED: 02/14/2007 11HR CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: 907017 DRAINAGE BASIN: 02 GAZETTEER CODE: 0652
POLITICAL SUBDIVISION: CARROLL COUNTY: CHAUTAUQUA
LATITUDE: LONGITUDE:
LOCATION: CARROLL TOWN LANDFILL FREWSBURG WATER DEPT
DESCRIPTION: MW-13
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 071: PUBLIC WATER SUPPLY, MISCELLANEOUS - SURVEILLANCE
TEMPERATURE OF SAMPLE AT RECEIPT : 5.7 DEG C
TIME OF SAMPLING: 02/12/2007 13:00 DATE PRINTED: 02/27/2007

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER
DATE PRINTED: 02/27/2007 FINAL REPORT
|---> METHOD: EPA 502.2
DATE OF ANALYSIS 02/21/2007

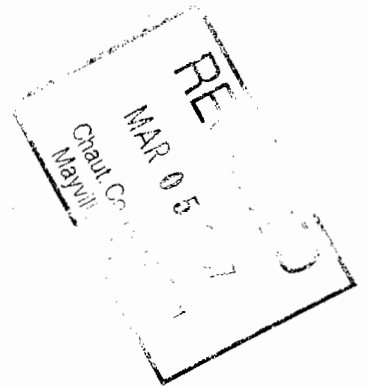
-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	5.8 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	0.5 MCG/L [PL]
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
METHYL-tert-BUTYL ETHER (MTBE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	38. MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR A. BUCCIFERRO 518-486-2530
ALL RESULTS : ACCREDITED BY THE NATIONAL ENVIR. LAB. APPROVAL PROGRAM
COPIES SENT TO: CO(1) RO(1) LPHE(2) FED(0) INFO-P(0) INFO-L(0)

DIRECTOR OF ENVIRONMENTAL HEALTH
CHAUTAUQUA COUNTY HEALTH DEPT.
HEALTH AND SOCIAL SERVICES BLDG.
MAYVILLE, N.Y. 14757

COLLECTED BY: DANIEL SIS
SUBMITTED BY: DANIEL SIS



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200700069 SAMPLE RECEIVED: 02/14/2007 11HR CHARGE: 8.00
POLITICAL SUBDIVISION: CARROLL COUNTY: CHAUTAUQUA
LOCATION: CARROLL TOWN LANDFILL FRESSBURG WATER DEPT
TIME OF SAMPLING: 02/12/2007 13:00 DATE PRINTED: 02/27/2007

-----PARAMETER-----	-----RESULT-----
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
m/p-XYLENE	< 0.5 MCG/L
o-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
n-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
o-CHLOROTOLUENE	< 0.5 MCG/L
p-CHLOROTOLUENE	< 0.5 MCG/L
tert-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
sec-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
n-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

**** END OF REPORT ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200700070 SAMPLE RECEIVED: 02/14/2007 11HR CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: 907017 DRAINAGE BASIN: GAZETTEER CODE: 0652
POLITICAL SUBDIVISION: CARROLL COUNTY: CHAUTAUQUA
LATITUDE: LONGITUDE:
LOCATION: WITH SAMPLE #0700068 & 0700069
DESCRIPTION: DATE PREPARED 11/16/06
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 297: TRIP BLANK - ORIGINATES IN LABORATORY
TIME OF SAMPLING: 02/12/2007 DATE PRINTED: 02/27/2007

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER
DATE PRINTED: 02/27/2007
|---> METHOD: EPA 502.2
DATE OF ANALYSIS

FINAL REPORT

02/21/2007

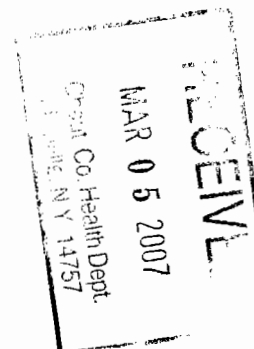
-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
METHYL-tert-BUTYL ETHER (MTBE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L

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NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR A. BUCCIFERRO 518-486-2530
ALL RESULTS : ACCREDITED BY THE NATIONAL ENVIR. LAB. APPROVAL PROGRAM
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DIRECTOR OF ENVIRONMENTAL HEALTH
CHAUTAUQUA COUNTY HEALTH DEPT.
HEALTH AND SOCIAL SERVICES BLDG.
MAYVILLE, N.Y. 14757

SUBMITTED BY: SISSON



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200700070 SAMPLE RECEIVED: 02/14/2007 11HR CHARGE: 8.00
POLITICAL SUBDIVISION: CARRCLL COUNTY: CHAUTAUQUA
LOCATION: WITH SAMPLE #0700Q68 & 0700069
TIME OF SAMPLING: 02/12/2007 DATE PRINTED: 02/27/2007

-----PARAMETER-----	-----RESULT-----
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
m/p-XYLENE	< 0.5 MCG/L
o-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
n-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
o-CHLOROTOLUENE	< 0.5 MCG/L
p-CHLOROTOLUENE	< 0.5 MCG/L
tert-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
sec-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
n-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	6

***** END OF REPORT *****