Ed H.

9

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Western Region — Rochester Field Office 42 S. Washington Street Rochester, New York 14608

Letter #55-92

Lorna McBarnette
Executive Deputy Commissioner

May 27, 1992

OFFICE OF PUBLIC HEALTH
Sue Kelly
Executive Deputy Director
Olivia Smith-Blackwell, M.D., M.P.H.
Regional Health Director

Mr. and Mrs. Robert Garvey
7883 Martin Road
Honeoye Fall, N.Y. 14485

RE: Indoor Air and Sump Sample Results
Enarc-O, Site #826011
Lima, Livingston Co.

Dear Mr. and Mrs. Garvey:

Attached are results of the analysis of indoor air samples collected on March 3, 1992 and two sump water samples collected on January 15, 1992 and March 3, 1992 in your home by the New York State Department of Health. Also attached is a summary chart (Table 1) of the indoor air sample results from your home and the control home for comparison. The indoor air samples were taken to determine whether there is an influence from the chemicals found in your sump water on the indoor air quality in your home. Indoor air samples taken last summer did not show any impact from your sump water, but additional sampling was conducted to determine if a seasonal variation exists. Included for comparison is data from the U.S. Environmental Protection Agency's (EPA) Indoor Air Quality Database for Organic Compounds (Table 2). This publication is a summary of indoor air sampling results from studies performed nationwide.

The results from the sump water samples shows that the level of contamination in your sump water continues to be present at approximately the same concentration. There were no chemical compounds detected in your basement air samples. This would indicate that there is not an impact on the indoor air quality of your house from the chemicals in your sump water. Benzene, toluene, ethylbenzene, xylenes, trimethylbenzene, p-cymene and n-butylbenzene were all found in the indoor air sample collected in your living room. Several of these chemicals were found in indoor air samples collected in your home last summer and were also found in samples from the control home. All of these chemicals are constituents of kerosine and other petroleum products. Their presence may be due to the use of a kerosene heater on the first floor of your home during the sampling.

TABLE 1

Positive Indoor Air Results
Values in Micrograms Per Cubic Meter (mcg/m^3)

	Garvey Residence		Control Residence	
	Basement	Living Room	Basement	Living Room
benzene		32	10 PL	10 PL
toluene		34	20	24
ethylbenzene		9		
m/p-xylene		24	10 PL	11
o-xylene		14		10 PL
1,2,4-trimethylbenzene		20		10 PL
4-isopropyltoluene		12		
n-butylbenzene		17		

PL = Present but less than the instrument can detect acurately.

#20830385

0361

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920906 SAMPLE RECEIVED:92/03/04/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2524
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO - ROBERT GARVEY RES., 7883 MARTIN RD.
DESCRIPTION:BASEMENT, TUBE #T05286-29.88 LITERS,T05303-32.37 LITERS
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
TIME OF SAMPLING: 92/03/03 09:24 TO 92/03/03 10:47 DATE PRINTED:92/03/10

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR (DES 311-6)
DATE PRINTED: 92/03/10 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	< 10. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	< 10. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	< 10. MCG/CU.M.
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.
BROMOBENZENE	< 10. MCG/CU.M.

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II UNIVERSITY PLACE - RM. 205
ALBANY, NY 12203 *INTERAGENCY MAIL*

SUBMITTED BY:HOUSE

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920906 SAMPLE RECEIVED:92/03/04/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO - ROBERT GARVEY RES., 7883 MARTIN RD.
TIME OF SAMPLING: 92/03/03 09:24 TO 92/03/03 10:47 DATE PRINTED:92/03/10

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0299 CU.M.

**** END OF REPORT ****

0351

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920904 SAMPLE RECEIVED:92/03/04/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2524
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:ROBERT GARVEY RES., 7883 MARTIN RD., LIVING ROOM
DESCRIPTION:TUBE #T05283 - 30.1 LITERS,T05308 - 30.1 LITERS
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
TIME OF SAMPLING: 92/03/03 09:09 TO 92/03/03 10:35 DATE PRINTED:92/03/10

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR (DES 311-6)
DATE PRINTED: 92/03/10 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	32. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	34. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	9. MCG/CU.M.
M/P-XYLENE	24. MCG/CU.M.
O-XYLENE	14. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.

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MAR 16 1992
Bureau of Environmental
Exposure Investigation

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SUBMITTED BY:HOUSE

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 920904 SAMPLE RECEIVED:92/03/04/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 92/03/03 09:09 TO 92/03/03 10:35 DATE PRINTED:92/03/10

PARAMETER	RESULT
BROMOBENZENE	< 10. MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	20. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	12. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	17. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0301 CU.M.

**** END OF REPORT ****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920905 SAMPLE RECEIVED:92/03/04/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2524
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO - ROBERT GARVEY RES., 7883 MARTIN RD,
DESCRIPTION:OUTDOORS, TUBE #T05296-33.81 LITER, T05295-26.22 LITERS
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 909:AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 92/03/03 09:17 TO 92/03/03 10:26 DATE PRINTED:92/03/10

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR (DES 311-6)
DATE PRINTED: 92/03/10 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	< 10. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	< 10. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	< 10. MCG/CU.M.
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.
BROMOBENZENE	< 10. MCG/CU.M.

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ALBANY, NY 12203 *INTERAGENCY MAIL*

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 920905 SAMPLE RECEIVED:92/03/04/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO - ROBERT GARVEY RES., 7883 MARTIN RD.
TIME OF SAMPLING: 92/03/03 09:17 TO 92/03/03 10:26 DATE PRINTED:92/03/10

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0338 CU.M.

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920889 SAMPLE RECEIVED:92/03/04/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2524
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:GARVEY
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 92/03/03 09:30 DATE PRINTED:92/05/14

<> >>>>> INQUIRED 920402 BY D.E.H.(LDRO2) <<<<< <>
<> >>>>> INQUIRED 920514 BY D.E.H.(LDRO2) <<<<< <>

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 92/05/14 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	28. MCG/L
CHLOROFORM	10. MCG/L
1,2-DICHLOROETHANE	0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	2.0 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	2.0 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	76. MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L

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REGIONAL DIRECTOR OF PH ENGINEERING
NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST. SUBMITTED BY:NAPIER
ROCHESTER, N.Y. 14608

SAMPLE ID: 920889 SAMPLE RECEIVED:92/03/04/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 92/03/03 09:30 DATE PRINTED:92/05/14

PARAMETER	RESULT
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	0.7 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
pH of Halogenated Aliquot	2

**** END OF REPORT ****

WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920890 SAMPLE RECEIVED:92/03/04/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2524
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: TRIP BLANK - ENARCO
DESCRIPTION:WITH SAMPLE #920888 & 920889 DATE PREPARED 2/5/92
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 297:FIELD BLANK / TRIP BLANK
TIME OF SAMPLING: 92/03/03 : DATE PRINTED:92/05/14

<> >>>>> INQUIRED 920402 BY D.E.H.(LORO2) <<<<< <>

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 92/05/14 FINAL REPORT

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

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

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REGIONAL DIRECTOR OF PH ENGINEERING
NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST. SUBMITTED BY:NAPIER
ROCHESTER, N.Y. 14608

RECEIVED
NYS DOH
MAY 31 11 18 AM '92
ROCHESTER AREA OFFICE

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920890 SAMPLE RECEIVED:92/03/04/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LOCATION: TRIP BLANK - ENARCO
TIME OF SAMPLING: 92/03/03 : DATE PRINTED:92/05/14

PARAMETER	RESULT
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
pH of Halogenated Aliquot	2

**** END OF REPORT ****

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Western Region — Rochester Field Office 42 S. Washington Street Rochester, New York 14608

Letter #54-92

Lorna McBarnette
Executive Deputy Commissioner

OFFICE OF PUBLIC HEALTH
Sue Kelly
Executive Deputy Director
Olivia Smith-Blackwell, M.D., M.P.H.
Regional Health Director

May 27, 1992

Ronald L. Years
7873 Martin Road
Honeoye Falls, N.Y. 14485

RE: Sump Sample Results
Enarc-O, Site #826011
Lima, Livingston Co.

Dear Mr. Years:

Attached are the results of the sump water sample which I collected at your residence on March 3, 1992. The sample was analyzed for volatile organic compounds at the NYS Department of Health's Wadsworth Center for Laboratories and Research in Albany. The less-than (<) symbol in front of the value means that the chemical was not present at an amount greater than the detection limit of the methodology used. The number given is the detection limit. The unit of measurement used is micrograms per liter (MCG/L) which is the same as parts per billion.

As you can see, none of the these chemicals were found in your sump water sample. Thank you for allowing me to collect the sample. If you have any questions please call me at 716-423-8071.

Sincerely,

David Napier

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

Attachment

cc: Dr. Carlson/Mr. Wakeman
Dr. Smith-Blackwell
Mr. Van Houten - LCHD
Mr. Chiusano - DEC

0425 · NEW YORK STATE DEPARTMENT OF HEALTH 072
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920888 SAMPLE RECEIVED:92/03/04/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2524
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:YEARS
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 92/03/03 10:12 DATE PRINTED:92/05/14

<> >>>>> INQUIRED 920402 BY D.E.H.(LDRO2) <<<<< <>

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 92/05/14 FINAL REPORT

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

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42 SOUTH WASHINGTON ST. SUBMITTED BY:NAPIER
ROCHESTER, N.Y. 14608

SAMPLE ID: 920888 SAMPLE RECEIVED:92/03/04/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA V. COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 92/03/03 10:12 DATE PRINTED:92/05/14

PARAMETER	RESULT
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
pH of Halogenated Aliquot	2

**** END OF REPORT ****

0216 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920295 SAMPLE RECEIVED:92/01/17/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 826011 ENARC=0
DESCRIPTION:GARVEY. SUMP
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 92/01/15 15:00 DATE PRINTED:92/02/11

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310=29)
DATE PRINTED: 92/02/11 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	65. MCG/L
CHLOROFORM	8. MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	3. MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	3. MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	87. MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L

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

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42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY:NAPIER

0217

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 2 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 920295 SAMPLE RECEIVED:92/01/17 CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARC-0
TIME OF SAMPLING: 92/01/15 15:00 DATE PRINTED:92/02/11

PARAMETER	RESULT
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	1. MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
PH OF HALOGENATED ALIQUOT	2

**** END OF REPORT ****

0361

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 914245 SAMPLE RECEIVED:91/11/15/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARC-0
DESCRIPTION:GARVEY, BASEMENT CROCK
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 91/11/13 08:40 DATE PRINTED:92/01/07

<> >>>>> INQUIRED 920103 BY D.E.H.(LDR02) <<<<< <>

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 92/01/07 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	2. MCG/L
CHLOROFORM	6. MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	1. MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	16. MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L

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NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY:NAPIER

0362

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 2 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 914245 SAMPLE RECEIVED:91/11/15/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARC-0
TIME OF SAMPLING: 91/11/13 08:40 DATE PRINTED:92/01/07

PARAMETER	RESULT
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
PH OF HALOGENATED ALIQUOT	2

**** END OF REPORT ****

STATE OF NEW YORK
DEPARTMENT OF HEALTH
Rochester Field Office-42 S. Washington Street- Rochester, NY 14608-2099

David Axelrod, M.D.
Commissioner

OFFICE OF PUBLIC HEALTH
Linda A. Randolph, M.D., M.P.H.
Director

Olivia Smith-Blackwell, M.D., M.P.H.
Regional Health Director

Letter #639-91

July 30, 1991

Mr. and Mrs. Garvey
7883 Martin Road
Lima, NY 14485

RE: Enarc-O Machine Products
Site # 826011
Lima, Livingston County

Dear Mr. and Mrs. Garvey:

Attached are results of the analysis of samples of indoor air and the basement sump collected at your home by representatives of the New York State Department of Health on June 14th. Also attached is a summary chart of results for comparison. The indoor air samples were taken to determine whether there is an influence from the chemicals found in your sump water on the indoor air quality in your home. Samples were also collected in a control home, a house similar in construction to yours and in the same area, but believed not to be impacted by the Enarc-O site. These samples were analyzed for volatile organic chemicals at the NYS Department of Health's Wadsworth Center for Laboratories and Research in Albany. Based on these results, it appears that the contaminated groundwater continues to be impacting your sump water, but does not seem to be affecting the indoor air quality of your house.

Three compounds were found in your sump sample: 1,1,1 trichloroethane, trichloroethene, and tetrachloroethene. The level of trichloroethene found was higher than we found in the previous sump sample taken at your house. The values for the other two compounds were the same as in the previous sample collected. Based on these and previous sample results, it appears that the level of trichloroethene in your sump water has increased, which may indicate that the levels in the groundwater are also increasing over time.

Benzene, toluene and xylene were detected in the indoor air samples from your basement and living room at low levels. Naphthalene and 1,2,4-trimethylbenzene were also found in the living room samples at low levels. These levels are similar to the levels found in the control home. The results also concur with the values reported by the Environmental Protection Agency for indoor air. A summary of these results are given in the attached chart. None of these chemicals were found in your sump water and all of them are constituents of gasoline and other petroleum products. The presence of these compounds is probably due to the use of household

products containing petroleum distillates. It is not uncommon to find petroleum product constituents at low concentrations in indoor air.

If you have any questions concerning these results please call me at 423-8071.

Sincerely,

David Napier

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

ceb/11970164

Attachment

cc: Mr. Tramontano/Dr. Carlson
Dr. Smith-Blackwell
Mr. Hudson/Ms. Buckingham
Mr. Van Houten - Livingston County HD
Mr. Chiusano - DEC

INDOOR AIR RESULTS

Values in Micrograms Per Cubic Meter (mcg/m^3)

	Garvey Residence		Control Residence		EPA Data
	Basement	Living Room	Basement	Living Room	
Benzene	10	10			10
Toluene	10	22	10	11	32
M/P-Xylene	10	12		10	13
O-Xylene		10			5
1,2,4-Trimethyl-Benzene		10			1
Naphthalene		23			

* EPA figures from the "National Ambient Volatile Organic Compounds Database Update"
March 1988

12100820

0266

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912031 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:LIVING ROOM GARVEY RES,, 7883 MARTIN RD,,T04805,T04806
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
TIME OF SAMPLING: 91/06/14 09:14 TO 91/06/14 10:11 DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR
DATE PRINTED: 91/07/01 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	10. MCG/CU.M. [PL]
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	22. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	12. MCG/CU.M.
O-XYLENE	10. MCG/CU.M. [PL]
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.
BROMOBENZENE	< 10. MCG/CU.M.

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NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY:WILSON

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912031 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 09:14 TO 91/06/14 10:11 DATE PRINTED:91/07/01

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	10. MCG/CU.M. [PL]
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	10. MCG/CU.M. [PL]
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	23. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0251 CU.M.

**** END OF REPORT ****

0262

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912030 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:BASEMENT GARVEY RES,, 7883 MARTIN
DESCRIPTION:CART# T04795, T04797
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
TIME OF SAMPLING: 91/06/14 09:52 TO 91/06/14 08:57 DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR
DATE PRINTED: 91/07/01 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	10. MCG/CU.M. [PL]
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	10. MCG/CU.M. [PL]
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	10. MCG/CU.M. [PL]
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.

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

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42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY:WILSON

0263 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 2 RESULTS OF EXAMINAIION FINAL REPORT

SAMPLE ID: 912030 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 09:52 TO 91/06/14 08:57 DATE PRINTED:91/07/01

PARAMETER	RESULT
BROMOBENZENE	< 10. MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0201 CU.M.

**** END OF REPORT ****

0260 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912029 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:AMBIENT AIR FRONT YARD GARVEY RES., 7883 MARTIN RD.
DESCRIPTION:T04792 TOT04794
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 909:AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 91/06/14 : DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR
DATE PRINTED: 91/07/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	< 10. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	< 10. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	< 10. MCG/CU.M.
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.

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ROCHESTER, N.Y. 14608

SUBMITTED BY:WILSON

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912029 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 : DATE PRINTED:91/07/01

PARAMETER	RESULT
BROMOBENZENE	< 10. MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0201 CU.M.

**** END OF REPORT ****

0328

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912018 SAMPLE RECEIVED:91/06/17/ CHARGE: 8.50
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:ROBERT GARVEY, 7883 MARTIN RD. Sump
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VHO5021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 91/06/14 09:25 DATE PRINTED:91/07/02

ANALYSIS: VHO5021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/07/02 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	CO-ELUTE
CIS-1,2-DICHLOROETHENE	CO-ELUTE
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	4. MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	118. MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L

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

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SUBMITTED BY:NAPIER

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

New York State Department of Health

RESULTS OF EXAMINATION

FINAL REPORT

JUL - 5 1991
Rochester Area Office

SAMPLE ID: 912018 SAMPLE RECEIVED:91/06/17/ FEE: 8.50
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 09:25 DATE PRINTED:91/07/02

PARAMETER	RESULT
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	1. MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
PH OF HALOGENATED ALIQUOT	2

FOLLOWING PARAMETERS NOT PART OF TEST PATTERN

PARAMETER	RESULT
CIS/TRANS-1,2-DICHLOROETHENE	30. MCG/L

**** END OF REPORT ****

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Rochester Field Office-42 S. Washington Street- Rochester, NY 14608-2099

David Axelrod, M.D.
Commissioner

OFFICE OF PUBLIC HEALTH
Linda A. Randolph, M.D., M.P.H.
Director

Olivia Smith-Blackwell, M.D., M.P.H.
Regional Health Director

Letter #640-91

July 30, 1991

Mr. Years
7873 Martin Road
Lima, NY 14485

RE: Enarc-O Machine Products
Site # 826011
Lima, Livingston County

Dear Mr. Years:

Attached are the results of the sump sample collected at your house on June 14th by the New York State Department of Health. The sample was analyzed for volatile organic chemicals at the NYS Department of Health's Wadsworth Center for Laboratories and Research in Albany. The less-than (<) symbol in front of the value means that the amount of chemical found, if any, is less than the amount the instrument used for analysis can detect. The chemicals were measured in micrograms per liter (MCG/L), often known as parts per billion.

As you can see, none of these chemicals were found in your sump sample. Thank you for allowing us to collect a sample at your home. If you have any questions concerning these results please call me at 423-8071.

Sincerely,

David Napier

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

ceb/11970199

Attachment

cc: Mr. Tramontano/Dr. Carlson
Dr. Smith-Blackwell
Mr. Hudson/Ms. Buckingham
Mr. Van Houten - Livingston County Health Dept.
Mr. Chiusano - DEC

0246 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912017 SAMPLE RECEIVED:91/06/17/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:YEARS - SUMP
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 91/06/14 09:35 DATE PRINTED:91/07/01

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/07/01 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 2 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912017 SAMPLE RECEIVED:91/06/17/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 09:35 DATE PRINTED:91/07/01

PARAMETER	RESULT
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
PH OF HALOGENATED ALIQUOT	2

**** END OF REPORT ****

New York State Department of Health
JUL - 5 1991
Rochester Area Office

0423 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 911290 SAMPLE RECEIVED:91/04/19/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN:03 GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENACO
DESCRIPTION:GARVEY, BASEMENT CROCK
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 91/04/16 16:00 DATE PRINTED:91/05/13

<> NO FIELD BLANK ACCOMPANIED THIS SAMPLE. <>
<> >>>>> INQUIRED 910430 BY D.E.H.(JJM05) <<<<< <>
<> >>>>> INQUIRED 910508 BY D.E.H.(JJM05) <<<<< <>
<> >>>>> INQUIRED 910508 BY D.E.H.(JJM05) <<<<< <>
<> >>>>> INQUIRED 910513 BY D.E.H.(JJM05) <<<<< <>
<> >>>>> INQUIRED 910513 BY D.E.H.(JJM05) <<<<< <>

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/05/13 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	19. MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	4. MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	77. MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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New York State
Department of Health
MAY 17 1991
Rochester Regional Office

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NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY:NAPIER

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 911290 SAMPLE RECEIVED:91/04/19/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENACO
TIME OF SAMPLING: 91/04/16 16:00 DATE PRINTED:91/05/13

PARAMETER	RESULT
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	1. MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 910904 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN:03 GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:GARVEY-BASEMENT CROCK
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 91/03/11 15:15 DATE PRINTED:91/04/03

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/04/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	8. MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	4. MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	54. MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

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

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ROCHESTER, N.Y. 14608

SUBMITTED BY:NAPIER

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 910904 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/03/11 15:15 DATE PRINTED:91/04/03

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

**** END OF REPORT ****

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PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 910905 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN:03 GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:YEARS-BASEMENT SUMP
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 91/03/11 15:25 DATE PRINTED:91/04/03

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/04/01 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 910905 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/03/11 15:25 DATE PRINTED:91/04/03

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 910903 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN:03 GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:GARVEY- BATHROOM CWT
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 115:WELL SAMPLE
TIME OF SAMPLING: 91/03/11 15:05 DATE PRINTED:91/04/03

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/04/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	28. MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	7. MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

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0867

NEW YORK STATE DEPARTMENT OF HEALTH
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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 910903 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/03/11 15:05 DATE PRINTED:91/04/03

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

**** END OF REPORT ****

0872 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 910906 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: FIELD BLANK-ENARCO
DESCRIPTION:WITH SAMPLE # 910903-910905 DATE PREPARED2/13/91
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VHO5021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 297:FIELD BLANK / TRIP BLANK
TIME OF SAMPLING: 91/03/11 : DATE PRINTED:91/04/03

ANALYSIS: VHO5021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/04/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 910906 SAMPLE RECEIVED:91/03/13/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: FIELD BLANK-ENARCO
TIME OF SAMPLING: 91/03/11 : DATE PRINTED:91/04/03

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

**** END OF REPORT ****

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Rochester Field Office-42 S. Washington Street- Rochester, NY 14608-2099

Letter #638-91

David Axelrod, M.D.
Commissioner

OFFICE OF PUBLIC HEALTH

Linda A. Randolph, M.D., M.P.H.
Director

Olivia Smith-Blackwell, M.D., M.P.H.
Regional Health Director

July 30, 1991

Mr. Doug Conway
2028 Clay Street
Lima, NY 14485

RE: Enarc-O Machine Products
Site # 826011
Lima, Livingston County

Dear Mr. Conway:

Attached are results of indoor air samples collected at your home by representatives from the New York State Department of Health on June 14th. Also attached is a summary chart of results for comparison. These samples were analyzed for volatile organic chemicals at the NYS Department of Health's Wadsworth Center for Laboratories and Research in Albany.

Two chemicals were detected in your living room air sample (toluene and m/p-xylene) and one in your basement air sample (toluene). All these chemicals were found at low levels and are similar to the values reported by the Environmental Protection Agency for indoor air. A summary of these results are given in the attached chart. These chemicals can be found as constituents of petroleum products. The presence of these compounds is probably due to the use of household products containing petroleum distillates. It is not uncommon to find petroleum product constiuents at low concentrations in indoor air.

If you have any questions concerning these results please call me at 423-8071.

Sincerely,

David Napier

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

ceb/11970213

Attachment

cc: Mr. Tramontano/Dr. Carlson
Dr. Smith-Blackwell
Mr. Hudson/Ms. Buckingham
Mr. Van Houten - Livingston County Health Dept.
Mr. Chiusano - DEC

INDOOR AIR RESULTS

Values in micrograms per cubic meter (mcg/m^3)

	Conway Residence		EPA Database*
	Basement	Living Room	
Benzene			10
Toluene	10	11	32
M/P-Xylene		10	13
O-Xylene			5
1,2,4-Trimethyl-Benzene			1
Naphthalene			

* EPA figures from the "National Ambient Volatile Organic Compounds Database Update" March 1988.

cvm/91198PR00572

0282 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912035 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:AMBIENT AIR RES., FRONT YARD DOUG CONWAY,2028 CLAY ST
DESCRIPTION:CART# T04829 & T04831
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 909:AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 91/06/14 12:35 TO 91/06/14 13:34 DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR
DATE PRINTED: 91/07/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	< 10. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	< 10. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	< 10. MCG/CU.M.
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.

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ROCHESTER, N.Y. 14608

SUBMITTED BY:WILSON

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912035 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 12:35 TO 91/06/14 13:34 DATE PRINTED:91/07/01

PARAMETER	RESULT
BROMOBENZENE	< 10. MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0215 CU.M.

**** END OF REPORT ****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912034 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:LIVING ROOM,DOUG CONWAY RES.,2028 CLAY ST.,T04820 & T04822
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
TIME OF SAMPLING: 91/06/14 12:42 TO 91/06/14 13:39 DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR
DATE PRINTED: 91/07/01 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	< 10. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	11. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	10. MCG/CU.M. [PL]
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.
BROMOBENZENE	< 10. MCG/CU.M.

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SUBMITTED BY:WILSON

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912034 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 12:42 TO 91/06/14 13:39 DATE PRINTED:91/07/01

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.0211 CU.M.

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912033 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:BASMEENT 2028 CLAY STREET, T04815 T04812 DOUG CONWAY RES,
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIR:VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
TIME OF SAMPLING: 91/06/14 12:29 TO 91/06/14 13:21 DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIR VOLATILE ORGANICS IN AIR
DATE PRINTED: 91/07/01 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 10. MCG/CU.M.
TRANS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
1,1-DICHLOROETHANE	< 10. MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 10. MCG/CU.M.
CHLOROFORM	< 10. MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 10. MCG/CU.M.
1,1-DICHLOROPROPENE	< 10. MCG/CU.M.
CARBON TETRACHLORIDE	< 10. MCG/CU.M.
1,2-DICHLOROETHANE	< 10. MCG/CU.M.
BENZENE	< 10. MCG/CU.M.
TRICHLOROETHENE	< 10. MCG/CU.M.
1,2-DICHLOROPROPANE	< 10. MCG/CU.M.
BROMODICHLOROMETHANE	< 10. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
TOLUENE	10. MCG/CU.M. [PL]
TRANS-1,3-DICHLOROPROPENE	< 10. MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 10. MCG/CU.M.
TETRACHLOROETHENE	< 10. MCG/CU.M.
DIBROMOCHLOROMETHANE	< 10. MCG/CU.M.
CHLOROBENZENE	< 10. MCG/CU.M.
1,1,1,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
ETHYLBENZENE	< 10. MCG/CU.M.
M/P-XYLENE	< 10. MCG/CU.M.
O-XYLENE	< 10. MCG/CU.M.
STYRENE	< 10. MCG/CU.M.
ISOPROPYLBENZENE (CUMENE)	< 10. MCG/CU.M.
BROMOFORM	< 10. MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 10. MCG/CU.M.
N-PROPYLBENZENE	< 10. MCG/CU.M.
BROMOBENZENE	< 10. MCG/CU.M.

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912033 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 12:29 TO 91/06/14 13:21 DATE PRINTED:91/07/01

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	< 10. MCG/CU.M.
O-CHLOROTOLUENE	< 10. MCG/CU.M.
P-CHLOROTOLUENE	< 10. MCG/CU.M.
TERT-BUTYLBENZENE	< 10. MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	< 10. MCG/CU.M.
SEC-BUTYLBENZENE	< 10. MCG/CU.M.
4-ISOPROPYLTOLUENE (P-CYMENE)	< 10. MCG/CU.M.
1,3-DICHLOROBENZENE	< 10. MCG/CU.M.
1,4-DICHLOROBENZENE	< 10. MCG/CU.M.
N-BUTYLBENZENE	< 10. MCG/CU.M.
1,2-DICHLOROBENZENE	< 10. MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 10. MCG/CU.M.
NAPHTHALENE	< 10. MCG/CU.M.
1,2,3-TRICHLOROBENZENE	< 10. MCG/CU.M.
AIR VOLUME	0.025 CU.M.

**** END OF REPORT ****

0272 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912032 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:DOUG CONWAY RES., FIELD BLANK, 2028 CLAY ST., T04807
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIRBL:VOLATILE ORGANICS IN AIR-BLANK (502.2)
SAMPLE TYPE: 950:CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 91/06/14 13:30 DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIRBL VOLATILE ORGANICS IN AIR-BLANK
DATE PRINTED: 91/07/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
METHYLENE CHLORIDE (DICHLOROMETHANE)	[ND]
TRANS-1,2-DICHLOROETHENE	[ND]
1,1-DICHLOROETHANE	[ND]
CIS-1,2-DICHLOROETHENE	[ND]
CHLOROFORM	[ND]
1,1,1-TRICHLOROETHANE	[ND]
1,1-DICHLOROPROPENE	[ND]
CARBON TETRACHLORIDE	[ND]
1,2-DICHLOROETHANE	[ND]
BENZENE	[ND]
TRICHLOROETHENE	[ND]
1,2-DICHLOROPROPANE	[ND]
BROMODICHLOROMETHANE	[ND]
CIS-1,3-DICHLOROPROPENE	[ND]
TOLUENE	[ND]
TRANS-1,3-DICHLOROPROPENE	[ND]
1,1,2-TRICHLOROETHANE	[ND]
TETRACHLOROETHENE	[ND]
DIBROMOCHLOROMETHANE	[ND]
CHLOROBENZENE	[ND]
1,1,1,2,-TETRACHLOROETHANE	[ND]
ETHYLBENZENE	[ND]
M/P-XYLENE	[ND]
O-XYLENE	[ND]
STYRENE	[ND]
ISOPROPYLBENZENE (CUMENE)	[ND]
BROMOFORM	[ND]
1,1,2,2-TETRACHLOROETHANE	[ND]
N-PROPYLBENZENE	[ND]
BROMOBENZENE	[ND]

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 912032 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 13:30 DATE PRINTED:91/07/01

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	[ND]
O-CHLOROTOLUENE	[ND]
P-CHLOROTOLUENE	[ND]
TERT-BUTYLBENZENE	[ND]
1,2,4-TRIMETHYLBENZENE	[ND]
SEC-BUTYLBENZENE	[ND]
4-ISOPROPYLTOLUENE (P-CYMENE)	[ND]
1,3-DICHLOROBENZENE	[ND]
1,4-DICHLOROBENZENE	[ND]
N-BUTYLBENZENE	[ND]
1,2-DICHLOROBENZENE	[ND]
1,2,4-TRICHLOROBENZENE	[ND]
NAPHTHALENE	[ND]
1,2,3-TRICHLOROBENZENE	[ND]

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912028 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO
DESCRIPTION:FIELD BLANK, ROBERT GARVEY RES.,T04647 & T04746
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3-AIRBL:VOLATILE ORGANICS IN AIR-BLANK (502.2)
SAMPLE TYPE: 950:CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 91/06/14 : DATE PRINTED:91/07/01

ANALYSIS: VOL3-AIRBL VOLATILE ORGANICS IN AIR-BLANK
DATE PRINTED: 91/07/01 FINAL REPORT

PARAMETER	RESULT
METHYLENE CHLORIDE (DICHLOROMETHANE)	[ND]
TRANS-1,2-DICHLOROETHENE	[ND]
1,1-DICHLOROETHANE	[ND]
CIS-1,2-DICHLOROETHENE	[ND]
CHLOROFORM	[ND]
1,1,1-TRICHLOROETHANE	[ND]
1,1-DICHLOROPROPENE	[ND]
CARBON TETRACHLORIDE	[ND]
1,2-DICHLOROETHANE	[ND]
BENZENE	[ND]
TRICHLOROETHENE	[ND]
1,2-DICHLOROPROPANE	[ND]
BROMODICHLOROMETHANE	[ND]
CIS-1,3-DICHLOROPROPENE	[ND]
TOLUENE	[ND]
TRANS-1,3-DICHLOROPROPENE	[ND]
1,1,2-TRICHLOROETHANE	[ND]
TETRACHLOROETHENE	[ND]
DIBROMOCHLOROMETHANE	[ND]
CHLOROBENZENE	[ND]
1,1,1,2,-TETRACHLOROETHANE	[ND]
ETHYLBENZENE	[ND]
M/P-XYLENE	[ND]
O-XYLENE	[ND]
STYRENE	[ND]
ISOPROPYLBENZENE (CUMENE)	[ND]
BROMOFORM	[ND]
1,1,2,2-TETRACHLOROETHANE	[ND]
N-PROPYLBENZENE	[ND]
BROMOBENZENE	[ND]

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RESULTS OF EXAMINATION - FINAL REPORT

SAMPLE ID: 912028 SAMPLE RECEIVED:91/06/17/ CHARGE: 11.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO
TIME OF SAMPLING: 91/06/14 : DATE PRINTED:91/07/01

PARAMETER	RESULT
1,3,5-TRIMETHYLBENZENE	[ND]
O-CHLOROTOLUENE	[ND]
P-CHLOROTOLUENE	[ND]
TERT-BUTYLBENZENE	[ND]
1,2,4-TRIMETHYLBENZENE	[ND]
SEC-BUTYLBENZENE	[ND]
4-ISOPROPYLTOLUENE (P-CYMENE)	[ND]
1,3-DICHLOROBENZENE	[ND]
1,4-DICHLOROBENZENE	[ND]
N-BUTYLBENZENE	[ND]
1,2-DICHLOROBENZENE	[ND]
1,2,4-TRICHLOROBENZENE	[ND]
NAPHTHALENE	[ND]
1,2,3-TRICHLOROBENZENE	[ND]

**** END OF REPORT ****

0250 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 912019 SAMPLE RECEIVED:91/06/17/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:2556
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: 826011 ENARCO FIELD BLANK
DESCRIPTION:WITH SAMPLE #912017 & 912018 DATE PREPARED 5/14/91
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VH05021:VOLATILE HALOGENATED ORGANICS
SAMPLE TYPE: 297:FIELD BLANK / TRIP BLANK
TIME OF SAMPLING: 91/06/14 : DATE PRINTED:91/07/01

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 91/07/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L

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SUBMITTED BY:NAPIER

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 912019 SAMPLE RECEIVED:91/06/17/ CHARGE: 8.00
POLITICAL SUBDIVISION:LIMA COUNTY:LIVINGSTON
LOCATION: 826011 ENARCO FIELD BLANK
TIME OF SAMPLING: 91/06/14 : DATE PRINTED:91/07/01

PARAMETER	RESULT
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
PH OF HALOGENATED ALIQUOT	2

**** END OF REPORT ****