

M E M O R A N D U M

TO: Middlesex TownShed file (#921219)

THROUGH: Parminder Grewal, Environmental Technician ~~8~~ *PKJ*
Sites Management Section (SMS)

FROM: Tim Croyley, Assistant Hazardous Materials Specialist *TC*
Technical Services Section (TSS)

DATE: July 21, 1992

SUBJECT: Sampling visit - July

On July 1, 1992, Parminder Grewal and I went to the Middlesex TownShed site for the purpose of sampling area water supplies. It was a clear day and temperatures were in the high 60's to low 70's. It was discovered that the Hull house had a spring but had resently had a well drilled which will be connected sometime in September. No one was at the Jennison mobile home so the only two samples taken were from the New TownShed (Parm) and the Rumney School (Tim).

There were no problems encountered during the sampling event and no VOC's were found in the samples. The sample results are attached.

TC/sb.20

7. Jan. 1992
92-1219
JUL 23 1992

DEPARTMENT OF ENVIRONMENTAL CONSERVATION LABORATORY
DATA SHEET METHOD 8240 GC/MS FOR VOLATILE ORGANICS - WATER

Sample Number: 70539
Date Run: 7/07/92
Site: Shed
Date Collected: 7/01/92

Analyst: SRL
Dilution Factor: 1

824W: Z

		Practical Quantitation Limits ug/l	Detected At ug/l
		-----	-----
VW07	Vinyl chloride	10	ND
VW08	Chloromethane	10	ND
VW09	Bromomethane	10	ND
VW10	Chloroethane	10	ND
VW11	Trichlorofluoromethane	10	ND
VW12	Acetone	100	ND
VW13	1,1-Dichloroethene	5	ND
VW14	Carbon disulfide	100	ND
VW15	Methylene chloride	5	ND
VW16	Methyl-t-Butylether (MTBE)	10	ND
VW17	1,2-Dichloroethene	5	ND
VW18	1,1-Dichloroethane	5	ND
VW19	Vinyl acetate	50	ND
VW20	2-Butanone	100	ND
VW21	Chloroform	5	ND
VW22	1,1,1-Trichloroethane	5	ND
VW23	Carbon tetrachloride	5	ND
VW24	Benzene	5	ND
VW25	1,2-Dichloroethane	5	ND
VW26	Trichloroethene	5	ND
VW27	1,2-Dichloropropane	5	ND
VW28	Bromodichloromethane	5	ND
VW29	4-Methyl-2-pentanone	50	ND
VW30	cis-1,3-Dichloropropene	5	ND
VW31	Toluene	5	ND
VW32	trans-1,3-Dichloropropene	5	ND
VW33	1,1,2-Trichloroethane	5	ND
VW34	2-Hexanone	50	ND
VW35	Tetrachloroethene	5	ND
VW36	Dibromochloromethane	5	ND
VW37	Chlorobenzene	5	ND
VW38	Ethylbenzene	5	ND
VW39	Xylenes	5	ND
VW40	Styrene	5	ND
VW41	Bromoform	5	ND
VW42	1,1,2,2-Tetrachloroethane	5	ND
TVH	Total Volatile Hydrocarbons	100	ND

Remarks:

Surrogate Recoveries:

1,2-Dichloroethane - D4: 106 %

D8-Toluene: 108 %

4-Bromofluorobenzene: 108 %

92-1219
JUL 23 1992

DEPARTMENT OF ENVIRONMENTAL CONSERVATION LABORATORY
DATA SHEET METHOD 8240 GC/MS FOR VOLATILE ORGANICS - WATER

Sample Number: 70540
Date Run: 7/07/92
Site: Rumney Sch
Date Collected: 7/01/92

Analyst: SRL
Dilution Factor: 1

824W: Z

		Practical Quantitation Limits ug/l	Detected At ug/l
		-----	-----
VW07	Vinyl chloride	10	ND
VW08	Chloromethane	10	ND
VW09	Bromomethane	10	ND
VW10	Chloroethane	10	ND
VW11	Trichlorofluoromethane	10	ND
VW12	Acetone	100	ND
VW13	1,1-Dichloroethene	5	ND
VW14	Carbon disulfide	100	ND
VW15	Methylene chloride	5	ND
VW16	Methyl-t-Butylether (MTBE)	10	ND
VW17	1,2-Dichloroethene	5	ND
VW18	1,1-Dichloroethane	5	ND
VW19	Vinyl acetate	50	ND
VW20	2-Butanone	100	ND
VW21	Chloroform	5	ND
VW22	1,1,1-Trichloroethane	5	ND
VW23	Carbon tetrachloride	5	ND
VW24	Benzene	5	ND
VW25	1,2-Dichloroethane	5	ND
VW26	Trichloroethene	5	ND
VW27	1,2-Dichloropropane	5	ND
VW28	Bromodichloromethane	5	ND
VW29	4-Methyl-2-pentanone	50	ND
VW30	cis-1,3-Dichloropropene	5	ND
VW31	Toluene	5	ND
VW32	trans-1,3-Dichloropropene	5	ND
VW33	1,1,2-Trichloroethane	5	ND
VW34	2-Hexanone	50	ND
VW35	Tetrachloroethene	5	ND
VW36	Dibromochloromethane	5	ND
VW37	Chlorobenzene	5	ND
VW38	Ethylbenzene	5	ND
VW39	Xylenes	5	ND
VW40	Styrene	5	ND
VW41	Bromoform	5	ND
VW42	1,1,2,2-Tetrachloroethane	5	ND
TVH	Total Volatile Hydrocarbons	100	ND

Remarks:

Surrogate Recoveries:

1,2-Dichloroethane - D4: 106 %

D8-Toluene: 108 %

4-Bromofluorobenzene: 108 %

JUL 14 1992

FINAL LAB REPORT

DATE 07/13/92

LAB ID 70539 REPORT TO T/CROPLEY DUE DATE 08/01/92
SOURCE LOCATION 9000921219 SHED COLLECTION DATE 07/01/92
PROGRAM 041-UNDERGROUND STORAGE TANK AMBIENT WATER SAMPLE Y
SUBMITTED BY T/CROPLEY PHONE 244-8702 SUBMIT DATE 07/01/92 LEGAL NO

SAMPLE NOTES:

TEST CODE	TEST NAME	RESULT	UNIT OF MEASURE	REMARKS CODE	PROCESS DATE
824W	METHOD 8240 TESTS, WATER	0	NCNE	Z	07/07/92

JUL 14 1992

FINAL LAB REPORT

DATE 07/13/92

LAB ID 70540 REPORT TO T/CROPLEY DUE DATE 08/01/92
SOURCE LOCATION 9000921219 RUMNEY SCH COLLECTION DATE 07/01/92
PROGRAM 041-UNDERGROUND STORAGE TANK AMBIENT WATER SAMPLE Y
SUBMITTED BY T/CROPLEY PHONE 244-8702 SUBMIT DATE 07/01/92 LEGAL NO

SAMPLE NOTES:

TEST CODE	TEST NAME	RESULT	UNIT OF MEASURE	REMARKS CODE	PROCESS DATE
824W	METHOD 8240 TESTS, WATER	0	NONE	Z	07/07/92