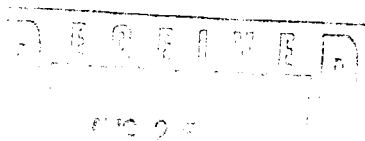




Camp Dresser & McKee

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August 21, 1998

Mr. Gerard Burke, PE
Project Engineer
NYSDEC
Bureau of Eastern Remedial Action
Division of Environmental Remediation
50 Wolf Road
Albany, New York 12233-7010

Subject: Active Industrial Uniform, Lindenhurst, Suffolk County, NY
Site No. 1-52-125: Preliminary Data

Dear Gerard:

Please find enclosed data tables summarizing the analytical results of samples collected as part of the Geoprobe investigation and existing monitoring well sampling conducted in July of 1998. As you know, CDM is currently drafting a letter report summarizing our interpretation of the enclosed data and our recommendations with regard to the ROD remedial actions.

We had received all lab data from H2M Labs on August 20, 1998. Though we received the lab data four days late, we will attempt to maintain the project schedule by providing you with an investigation report by no later than August 31, 1998.

Feel free to call with any questions or comments.

Very truly yours,

CAMP DRESSER & McKEE

David J. Keil, P.G.
Project Manager

cc: L. Guterman
M. Memoli
File 2.1.2

o:\action\burke2

Table 4
Existing Monitoring Wells-Groundwater
Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standards (ug/L)	MW-2S 07/14/98	MW-2S Dup 07/14/98	MW-2SDL 07/14/98	MW-2S DL Dup 07/14/98	MW-4S 07/14/98	MW-4SDL 07/14/98	MW-4D 07/14/98	MW-4DDL 07/14/98	MW-5S 07/14/98	MW-8D 07/14/98
Chloromethane	5	8 J	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Bromomethane	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Vinyl chloride	2	10 U	50 U	100 U	100 U	4 J	620 U	1 J	250 U	10 U	10 U
Chloroethane	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Methylene chloride	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Acetone	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Carbon disulfide	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
1,1-Dichloroethene	5	10 U	50 U	100 U	100 U	2 J	620 U	2 J	250 U	10 U	1 J
1,1-Dichloroethane	5	10 U	50 U	100 U	100 U	10 U	620 U	6 J	250 U	10 U	9 J
1,2-Dichloroethene (Total)	5	120	120 D	100 U	130 D	2200 E	2800 D	3 J	250 U	10 U	8 J
2-Butanone	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Chloroform	7	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
1,2-Dichloroethane	5	10 U	50 U	130 D	100 U	10 U	620 U	10 U	250 U	10 U	10 U
1,1,1-Trichloroethane	5	2 J	50 U	100 U	100 U	7 J	620 U	2 J	250 U	10 U	1 J
Carbon tetrachloride	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Bromodichloromethane	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
1,2-Dichloropropane	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
cis-1,3-Dichloropropene	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Trichloroethene	5	580 E	620 D	620 D	660 D	2700 E	5900 D	36	36 JD	10 U	5 J
Benzene	.7	17	18 JD	20	21 JD	10 U	620 U	10 U	250 U	10 U	10 U
Dibromochloromethane	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
trans-1,3-Dichloropropene	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
1,1,2-Trichloroethane	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Bromoform	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
4-Methyl-2-pentanone	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
2-Hexanone	50	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Tetrachloroethene	5	1100 E	1300 ED	1500 D	1500 D	2500 E	6800 D	1500 E	1900 D	5 J	10 J
1,1,2,2-Tetrachloroethane	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Toluene	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Chlorobenzene	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Ethylbenzene	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Styrene	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U
Xylenes (total)	5	10 U	50 U	100 U	100 U	10 U	620 U	10 U	250 U	10 U	10 U

NOTE:

- (1) Bold values indicate 2 times the GA groundwater standard exceedances.
- (2) U indicates analyte was not detected at or below the Contract Required Detection Limit(CRDL),the compound is not detected due to qualification through the method or field blank.
- (3) J is the associated numerical value that is an estimated quantity
- (4) B indicates that the compound was also detected in the laboratory blank.
- (5) E, reported value estimated due to quantitation above the calibration range

Table 4
Existing Monitoring Wells-Groundwater
Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standards (ug/L)	MW-9S 07/14/98	FIELD BLANK 07/14/98	TRIPL BLANK 07/14/98
Chloromethane	5	10 U	10 U	10 U
Bromomethane	5	10 U	10 U	10 U
Vinyl chloride	2	10 U	13 U	10 U
Chloroethane	5	10 U	10 U	10 U
Methylene chloride	5	10 U	10 U	10 U
Acetone	50	10 U	10 U	10 U
Carbon disulfide	50	10 U	10 U	10 U
1,1-Dichloroethene	5	10 U	10 U	10 U
1,1-Dichloroethane	5	10 U	10 U	10 U
1,2-Dichloroethene (Total)	5	13	10 U	10 U
2-Butanone	50	10 U	10 U	10 U
Chloroform	7	10 U	10 U	10 U
1,2-Dichloroethane	5	10 U	10 U	10 U
1,1,1-Trichloroethane	5	10 U	10 U	10 U
Carbon tetrachloride	5	10 U	10 U	10 U
Bromodichloromethane	50	10 U	10 U	10 U
1,2-Dichloropropane	5	10 U	10 U	10 U
dis-1,3-Dichloropropene	5	10 U	10 U	10 U
Trichloroethene	5	2	10 U	10 U
Benzene	.7	10 U	10 U	10 U
Dibromochloromethane	50	10 U	10 U	10 U
trans-1,3-Dichloropropene	5	10 U	10 U	10 U
1,1,2-Trichloroethane	5	10 U	10 U	10 U
Bromoform	50	10 U	10 U	10 U
4-Methyl-2-pentanone	50	10 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U
Tetrachloroethene	5	3	10 U	10 U
1,1,2,2-Tetrachloroethane	5	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U
Chlorobenzene	5	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U
Styrene	5	10 U	10 U	10 U
Xylenes (total)	5	10 U	10 U	10 U

NOTE:

(1) Bold values indicate 2 times the GA groundwater standard exceedances.

(2) U indicates analyte was not detected at or below the Contract Required Detection Limit(CRDL),the compound is not detected due to qualification through the method or field blank.

(3) J is the associated numerical value that is an estimated quantity

(4) B indicates that the compound was also detected in the laboratory blank.

(5) E, reported value estimated due to quantitation above the calibration range

Table 5
Existing Monitoring Wells -Groundwater
Inorganic Analysis
Active Industrial Uniform Remedial Design

TAL Metals (ug/L)	Gwdt Screening Stds for GA Class Water	MW-2S	MW-4S
Aluminum	-----	66.5 B	1810
Antimony	3	3.1 U	3.1 U
Arsenic	25	1.5 B	28.5
Barium	1000	20.4 B	65.1 B
Beryllium	-----	0.20 U	0.35 B
Cadmium	5	0.30 U	9.5
Calcium	-----	26800	28600
Chromium	50	0.60 U	5.2 B
Cobalt	-----	2.0 U	16.7 B
Copper	200	1.8 B	13.3 B
Iron	300	301	25000
Lead	25	0.90 U	8.3
Magnesium	-----	4100 B	4220 B
Manganese	300	853	1650
Mercury	1	0.10 U	0.10 U
Nickel	100	2.8 U	12.4 B
Potassium	-----	3010 B	3390 B
Selenium	10	2.0 U	2.0 U
Silver	50	0.60	1.2 B
Sodium	20000	25800	8270
Thallium	-----	1.8 U	1.8 U
Vanadium	-----	1.8 U	13.3 B
Zinc	-----	20.4	163

Wet Chemistry (mg/L)	Gwdt Screening Stds for GA Class Water	MW-2S	MW-4S
CHLORIDE	250000	42.1	39.8
SUSPENDED SOLIDS	-----	<10	29
TOTAL ALKALINITY	-----	55.8	65.3
TOTAL DISSOLVED SOLIDS	-----	182	294

Field Parameters	MW-2S	MW-4S
Temperature-AP (°C)	16	16.6
Salinity-AP (%)	0.01	0
pH-AP (pH units)	6.17	6.07
Turbidity-AP (NTU)	4	67
Dissolved Oxygen-AP (mg/L)	1.03	1.41

NOTES:

- (1) U indicates analyte was not detected at or below the Contract Required Detection Limit(CRDL),the compound is not detected due to qualification through the method or field blank.
- (2) J is the associated numerical value that is an estimated quantity
- (3) B indicates the compound detected in the laboratory blank.
- (4) E, reported value estimated due to quantitation above the calibration range

Table 2
Summary of Soil Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/kg)	Generic Soil Cleanup Objectives (ug/kg)	GP1(9-11) 07/13/98	GP2(10-12) 07/13/98	GP2(20-22) 07/13/98	GP3(7-8) 07/13/98	GP3(7-8)DL 07/13/98	GP3(12-14) 07/13/98	GP4(7-8) 07/13/98	GP4(10-12) 07/13/98	GP4(10-12)RE 07/13/98	GP5(9-11) 07/13/98
Chloromethane	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Bromomethane	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Vinyl chloride	120	12 U	12 U	31 U	11 U	1400 U	20 J	11 U	28 U	30 U	12 U
Chloroethane	1900	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Methylene chloride	100	2 JB	3 JB	7 JB	3 JB	1400 U	53 U	2 JB	4 JB	6 JB	2 JB
Acetone	110	7 J	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Carbon disulfide	2700	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,1-Dichloroethene	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,1-Dichloroethane	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,2-Dichloroethene (Total)	300	12 U	12 U	31 U	68	1400 U	18 J	11 U	28 U	30 U	12 U
2-Butanone	300	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Chloroform	300	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,2-Dichloroethane	100	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,1,1-Trichloroethane	760	12 U	12 U	31 U	11 U	1400 U	380	11 U	28 U	30 U	12 U
Carbon tetrachloride	600	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Bromodichloromethane	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,2-Dichloropropane	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
cis-1,3-Dichloropropene	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Trichloroethene	700	12 U	12 U	31 U	100	870 J	440	11 U	28 U	30 U	12 U
Benzene	60	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Dibromochloromethane	N/A	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
trans-1,3-Dichloropropene	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
1,1,2-Trichloroethane	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Bromoform	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
4-Methyl-2-pentanone	1000	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
2-Hexanone	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Tetrachloroethene	1400	12 U	52	31 U	1400 E	140000 U	9700 E	24	20 J	13 J	2 J
1,1,2,2-Tetrachloroethane	600	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Toluene	1500	12 U	12 U	31 U	2 J	1400 U	49 J	11 U	28 U	30 U	12 U
Chlorobenzene	1700	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Ethylbenzene	5500	12 U	12 U	31 U	11 U	1400 U	200	11 U	28 U	30 U	12 U
Styrene	-----	12 U	12 U	31 U	11 U	1400 U	53 U	11 U	28 U	30 U	12 U
Xylenes (total)	1200	12 U	12 U	31 U	11 U	1400 U	530	11 U	28 U	30 U	12 U
Total Tentatively Identified Compounds (Total TIC's)	-----	94	19/720	148	-----	8,280	549	1,473	1,630	108	6

NOTES:

- (1) Soil Cleanup Objectives utilize soil organic carbon content of 1% (NYSDEC TAGM, 04/95). "-----" indicates no criteria provided for this compound.
- (2) Bold values indicate 2 times the Generic Soil Cleanup Value.
- (3) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (4) J is the associated numerical value that is an estimated quantity
- (5) B indicates that the compound was also detected in the laboratory blank.
- (6) E, reported value estimated due to quantitation above the calibration range

Table 2
Summary of Soil Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/kg)	Generic Soil Cleanup Objectives (ug/kg)	GP6(8-10) 07/14/98		GP6(20-22) 07/14/98		GP7(9-12) 07/13/98		GP7(14-16) 07/13/98		GP7(14-16)DL 07/13/98		GP7(24-26) 07/13/98		GP7(45-47) 07/13/98		GP8(16-18) 07/14/98	
Chloromethane	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Bromomethane	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Vinyl chloride	120	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Chloroethane	1900	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Methylene chloride	100	2	JB	5	JB	3	JB	5600	U	28000	U	3	JB	4	JB	3	JB
Acetone	110	12	U	12	U	12	U	5600	U	28000	U	11	U	13	U	11	J
Carbon disulfide	2700	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,1-Dichloroethene	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,1-Dichloroethane	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,2-Dichloroethene (Total)	300	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
2-Butanone	300	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Chloroform	300	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,2-Dichloroethane	100	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,1,1-Trichloroethane	760	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Carbon tetrachloride	600	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Bromodichloromethane	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,2-Dichloropropane	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
cis-1,3-Dichloropropene	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Trichloroethene	700	12	U	12	U	11	U	2400	JD	28000	U	11	U	3	J	12	U
Benzene	60	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Dibromochloromethane	N/A	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
trans-1,3-Dichloropropene	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
1,1,2-Trichloroethane	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Bromoform	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
4-Methyl-2-pentanone	1000	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
2-Hexanone	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Tetrachloroethene	1400	12	U	12	U	4	J	310000	ED	270000	D	1	J	150		12	U
1,1,2,2-Tetrachloroethane	600	12	U	12	U	11	U	5600	U	4800	JD	11	U	13	U	12	U
Toluene	1500	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Chlorobenzene	1700	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Ethylbenzene	5500	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Styrene	-----	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Xylenes (total)	1200	12	U	12	U	11	U	5600	U	28000	U	11	U	13	U	12	U
Total Tentatively Identified Compounds (Total TIC's)		---		---		---		---		790		1,336		108		---	

NOTES:

- (1) Soil Cleanup Objectives utilize soil organic carbon content of 1% (NYSDEC TAGM, 04/95). "-----" indicates no criteria provided for this compound.
- (2) Bold values indicate 2 times the Generic Soil Cleanup Value.
- (3) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (4) J is the associated numerical value that is an estimated quantity
- (5) B indicates that the compound was also detected in the laboratory blank.
- (6) E, reported value estimated due to quantitation above the calibration range

Table 2
Summary of Soil Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/kg)	Generic Soil Cleanup Objectives (ug/kg)	GP8(26-28) 07/14/98	GP9(1-12) 07/14/98	GP9(1-12)/DL 07/14/98	GP9(22-24) 07/14/98	GP9(30-32) 07/14/98	GP10(10-12) 7/14/98	GP10(20-22) 07/14/98	GP16(8-11) 07/15/98
Chloromethane	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Bromomethane	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Vinyl chloride	120	12 U	48	7600 U	11 U	12 U	1500 U	11 U	12 U
Chloroethane	1900	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Methylene chloride	100	3 JB	30 U	7600 U	3 JB	3 JB	1500 U	2 JB	3 JB
Acetone	110	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Carbon disulfide	2700	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
1,1-Dichloroethane	---	12 U	11 J	7600 U	11 U	12 U	1500 U	11 U	12 U
1,1-Dichloroethane	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
1,2-Dichloroethane (Total)	300	12 U	1400 E	30000 D	11 U	12 U	1500 U	11 U	12 U
2-Butanone	300	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Chloroform	300	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
1,2-Dichloroethane	100	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
1,1,1-Trichloroethane	760	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Carbon tetrachloride	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Bromodichloromethane	600	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
1,2-Dichloropropane	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
cis-1,3-Dichloropropene	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Trichloroethene	700	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Benzene	60	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Dibromochloromethane	N/A	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
trans-1,3-Dichloropropene	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
1,1,2-Trichloroethane	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Bromoform	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
4-Methyl-2-pentanone	1000	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
2-Hexanone	---	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Tetrachloroethene	1400	12 U	28 J	7600 U	11 U	12 U	1500 U	11 U	12 U
1,1,2,2-Tetrachloroethane	600	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Toluene	1500	12 U	1100 E	2500 JD	11 U	12 U	2100 U	11 U	12 U
Chlorobenzene	1700	12 U	30 U	7600 U	11 U	12 U	1500 U	11 U	12 U
Ethylbenzene	5500	12 U	2100 E	6400 JD	11 U	12 U	4800 U	11 U	12 U
Styrene	---	12 U	30 U	7600 U	11 U	12 U	160 J	11 U	12 U
Xylenes (total)	1200	12 U	10000 E	40000 D	11 U	12 U	25000 J	11 U	12 U
Total Tentatively Identified Compounds (Total TIC's)	---	14,340	---	25	331	155,600	565	---	---

NOTES:

- (1) Soil Cleanup Objectives utilize soil organic carbon content of 1% (NYSDEC TAGM, 04/95). "-----" indicates no criteria provided for this compound.
- (2) Bold values indicate 2 times the Generic Soil Cleanup Value.
- (3) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (4) J is the associated numerical value that is an estimated quantity.
- (5) B indicates that the compound was also detected in the laboratory blank.
- (6) E, reported value estimated due to quantitation above the calibration range.

Table 2
Summary of Soil Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/kg)	Generic Soil Cleanup Objectives ¹ (ug/kg)	GP16(8-11)Dup 07/15/98	GP17(8-11) 07/15/98	FIELDBLANK (ug/L) 07/13/98	TRPBLK-02 (ug/L) 07/14/98
Chloromethane	-----	12 U	12 U	10 U	10 U
Bromomethane	-----	12 U	12 U	10 U	10 U
Vinyl chloride	120	12 U	12 U	10 U	10 U
Chloroethane	1900	12 U	12 U	10 U	10 U
Methylene chloride	100	2 JB	2 JB	10 U	10 U
Acetone	110	12 U	12 U	10 U	10 U
Carbon disulfide	2700	12 U	12 U	10 U	10 U
1,1-Dichloroethene	-----	12 U	12 U	10 U	10 U
1,1-Dichloroethane	-----	12 U	12 U	10 U	10 U
1,2-Dichloroethene (Total)	300	12 U	12 U	10 U	10 U
2-Butanone	300	12 U	12 U	10 U	10 U
Chloroform	300	12 U	12 U	10 U	10 U
1,2-Dichloroethane	100	12 U	12 U	10 U	10 U
1,1,1-Trichloroethane	760	12 U	12 U	10 U	10 U
Carbon tetrachloride	600	12 U	12 U	10 U	10 U
Bromodichloromethane	-----	12 U	12 U	10 U	10 U
1,2-Dichloropropane	-----	12 U	12 U	10 U	10 U
cis-1,3-Dichloropropene	-----	12 U	12 U	10 U	10 U
Trichloroethene	700	12 U	12 U	10 U	10 U
Benzene	60	12 U	12 U	10 U	10 U
Dibromochloromethane	N/A	12 U	12 U	10 U	10 U
trans-1,3-Dichloropropene	-----	12 U	12 U	10 U	10 U
1,1,2-Trichloroethane	-----	12 U	12 U	10 U	10 U
Bromoform	-----	12 U	12 U	10 U	10 U
4-Methyl-2-pentanone	1000	12 U	12 U	10 U	10 U
2-Hexanone	-----	12 U	12 U	10 U	10 U
Tetrachloroethene	1400	12 U	12 U	10 U	10 U
1,1,2,2-Tetrachloroethane	600	12 U	12 U	10 U	10 U
Toluene	1500	12 U	12 U	1 J	10 U
Chlorobenzene	1700	12 U	12 U	10 U	10 U
Ethylbenzene	5500	12 U	12 U	10 U	10 U
Styrene	-----	12 U	12 U	10 U	10 U
Xylenes (total)	1200	12 U	12 U	10 U	10 U
Total Tentatively Identified Compounds (Total TIC's)	-----	---	---	---	---

NOTES:

- (1) Soil Cleanup Objectives utilize soil organic carbon content of 1% (NYSDEC TAGM, 04/95). "-----" indicates no criteria provided for this compound.
- (2) Bold values indicate 2 times the Generic Soil Cleanup Value.
- (3) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (4) J is the associated numerical value that is an estimated quantity
- (5) B indicates that the compound was also detected in the laboratory blank.
- (6) E, reported value estimated due to quantitation above the calibration range

Table 3
Summary of Geoprobe Groundwater
Volatle Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standard(ug/L)	GP1(10-14) 07/13/98	GP1(10-14)DL 07/13/98	GP3 (10-14) 07/13/98	GP3(12-14)DL 07/13/98	GP4(10-14) 07/13/98	GP5(10-14) 07/13/98	GP6(10-14) 07/14/98	GP8(12-16) 07/14/98	GP9 (12-16) 07/14/98
Chloromethane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	2	10 U	2000 U	16 U	190 J	10 U	10 U	10 U	10 U	10 U
Chloroethane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Acetone	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene	5	10 U	2000 U	17 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (Total)	5	13	2000 U	1500 E	2900 U	10 U	2 J	1 J	4 J	8 J
2-Butanone	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Chloroform	7	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	5	4 J	2000 U	120 U	1200 J	10 U	3 J	10 U	10 U	10 U
Carbon tetrachloride	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	5	110	2000 U	1700 E	1400 J	10 U	4 J	10 U	6 J	2 J
Benzene	7	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Bromodorm	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	5	2000 E	26000 D	2700 E	26000	12	45	10 J	17	13
1,1,2,2-Tetrachloroethane	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	2000 U	5 J	1500 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	2000 U	20 U	440 J	10 U	10 U	10 U	10 U	10 U
Styrene	5	10 U	2000 U	10 U	1500 U	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	5	2 J	2000 U	59 U	1100 J	10 U	10 U	10 U	10 U	10 U

NOTES:

- (1) Bold values indicates 2 times the GA gwdt standard exceedances.
- (2) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (3) J is the associated numerical value that is an estimated quantity
- (4) B indicates that the compound was also detected in the laboratory blank.
- (5) E, reported value estimated due to quantitation above the calibration range

Table 3
Summary of Geoprobe Groundwater
Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standards(ug/L)	GP10(12-16) 07/14/98	GP11(20-24) 07/14/98	GP11(20-24)DPL 07/16/98	GP11(12-16) 07/16/98	GP11(12-16)DL 07/16/98	GP12(16-20) 07/16/98	GP12(26-30) 07/16/98
Chloromethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Bromomethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Vinyl chloride	2	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Chloroethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Methylene chloride	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Acetone	50	6 J	10 U	10 U	50 U	1000 U	10 U	10 U
Carbon disulfide	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,1-Dichloroethene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,1-Dichloroethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,2-Dichloroethene (Total)	5	96	10 U	10 U	880 D	690 ID	1	2 J
2-Butanone	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Chloroform	7	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,2-Dichloroethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,1,1-Trichloroethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Carbon tetrachloride	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Bromodichloromethane	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,2-Dichloropropane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
cis-1,3-Dichloropropene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Trichloroethene	5	11	10 U	10 U	2600 ED	2300 ID	10 U	4 J
Benzene	7	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Dibromochloromethane	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
trans-1,3-Dichloropropene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
1,1,2-Trichloroethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Bromoform	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
4-Methyl-2-pentanone	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Tetrachloroethene	5	9	8 J	7 J	12000 ED	20000 ED	13	18
1,1,2,2-Tetrachloroethane	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Chlorobenzene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Styrene	5	10 U	10 U	10 U	50 U	1000 U	10 U	10 U
Xylenes (total)	5	4	10 U	10 U	50 U	1000 U	10 U	10 U

NOTES:

- (1) Bold values indicates 2 times the CA gwt standard exceedances.
- (2) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (3) J is the associated numerical value that is an estimated quantity
- (4) B indicates that the compound was also detected in the laboratory blank.
- (5) E, reported value estimated due to quantitation above the calibration range

Table 3
Summary of Geoprobe Groundwater
Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standards(ug/L)	GP13(16-20) 07/16/98	GP13(16-20)DL 07/16/98	GP13(26-30) 07/16/98	GP13(26-30) DL 07/16/98	GP14(12-16) 07/16/98	GP14(24-30) 07/16/98	GP14(24-30)DL 07/16/98
Chloromethane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Bromomethane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Vinyl chloride	2	50 U	100 U	26 JD	250 U	10 U	50 U	500 U
Chloroethane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Methylene chloride	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Acetone	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Carbon disulfide	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,1-Dichloroethene	5	50 U	100 U	8 JD	250 U	10 U	50 U	500 U
1,1-Dichloroethane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,2-Dichloroethene (Total)	5	810 D	710 D	720 D	560 D	10 U	4800 ED	3700 D
2-Butanone	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Chloroform	7	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,2-Dichloroethane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,1,1-Trichloroethane	5	9 JD	100 U	50 U	250 U	10 U	50 U	500 U
Carbon tetrachloride	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Bromodichloromethane	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,2-Dichloropropane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
cis-1,3-Dichloropropene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Trichloroethene	5	840 D	820 D	1100 ED	920 D	10 U	11 JD	500 U
Benzene	7	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Dibromochloromethane	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
trans-1,3-Dichloropropene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,1,2-Trichloroethane	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Bromoform	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
4-Methyl-2-pentanone	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
2-Hexanone	50	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Tetrachloroethene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
1,1,2,2-Tetrachloroethane	5	1400 ED	1500 D	3300 ED	3300 D	10 U	45 JD	500 U
Toluene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Chlorobenzene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Ethylbenzene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Styrene	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U
Xylenes (total)	5	50 U	100 U	50 U	250 U	10 U	50 U	500 U

NOTES:

- (1) Bold values indicates 2 times the GA gwdt standard exceedances.
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- (3) J is the associated numerical value that is an estimated quantity
- (4) B indicates that the compound was also detected in the laboratory blank.
- (5) E: reported value estimated due to quantitation above the calibration range

Table 3
Summary of Geoprobe Groundwater
Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standards(ug/L)	GP14(36-40) 07/16/98	GP15(12-16) 07/15/98	GP15(24-30) 7/11/1998	GP15(24-30)DL 07/16/98	GP15(36-40) 07/16/98	GP16(12-16) 07/15/98	GP17(12-16) 07/15/98
Chloromethane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Bromomethane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Vinyl chloride	2	500 U	10 U	39 JD	500 U	20 U	10 U	10 U
Chloroethane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Methylene chloride	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Acetone	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Carbon disulfide	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
1,1-Dichloroethane	5	500 U	10 U	11 JD	500 U	5 JD	10 U	10 U
1,1-Dichloroethane	5	500 U	10 U	23 JD	500 U	10 JD	10 U	10 U
1,2-Dichloroethane (Total)	5	9600 D	10 U	6200 ED	5600 D	320 D	10 U	10 U
2-Butanone	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Chloroform	7	500 U	10 U	50 U	500 U	20 U	10 U	10 U
1,2-Dichloroethane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
1,1,1-Trichloroethane	5	160 JD	10 U	83 D	500 U	11 JD	10 U	10 U
Carbon tetrachloride	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Bromodichloromethane	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
1,2-Dichloropropane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
cis-1,3-Dichloropropene	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Trichloroethene	5	500 U	10 U	11 JD	500 U	15 JD	10 U	10 U
Benzene	7	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Dibromochloromethane	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
trans-1,3-Dichloropropene	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
1,1,2-Trichloroethane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Bromoform	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
4-Methyl-2-pentanone	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
2-Hexanone	50	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Tetrachloroethene	5	270 JD	10 U	50 U	500 U	11 JD	10 U	3 J
1,1,2,2-Tetrachloroethane	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Toluene	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Chlorobenzene	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Ethylbenzene	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Styrene	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U
Xylenes (total)	5	500 U	10 U	50 U	500 U	20 U	10 U	10 U

NOTES:

- (1) Bold values indicates 2 times the GA gwt standard exceedances.
- (2) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (3) J is the associated numerical value that is an estimated quantity
- (4) B indicates that the compound was also detected in the laboratory blank.
- (5) E, reported value estimated due to quantitation above the calibration range

Table 3
Summary of Geoprobe Groundwater
Volatile Organic Analysis
Active Industrial Uniform Remedial Design

Volatiles - (ug/L)	GA Groundwater Standards(ug/L)	FIELDBLANK 07/14/98	TB-03 07/14/98
Chloromethane	5	10 U	10 U
Bromomethane	5	10 U	10 U
Vinyl chloride	2	10 U	10 U
Chloroethane	5	10 U	10 U
Methylene chloride	5	10 U	10 U
Acetone	50	10 U	10 U
Carbon disulfide	50	10 U	10 U
1,1-Dichloroethene	5	10 U	10 U
1,1-Dichloroethane	5	10 U	10 U
1,2-Dichloroethene (Total)	5	10 U	10 U
2-Butanone	50	10 U	10 U
Chloroform	7	10 U	10 U
1,2-Dichloroethane	5	10 U	10 U
1,1,1-Trichloroethane	5	10 U	10 U
Carbon tetrachloride	5	10 U	10 U
Bromodichloromethane	50	10 U	10 U
1,2-Dichloropropane	5	10 U	10 U
cis-1,3-Dichloropropene	5	10 U	10 U
Trichloroethene	5	10 U	10 U
Benzene	.7	10 U	10 U
Dibromochloromethane	50	10 U	10 U
trans-1,3-Dichloropropene	5	10 U	10 U
1,1,2-Trichloroethane	5	10 U	10 U
Bromoform	50	10 U	10 U
4-Methyl-2-pentanone	50	10 U	10 U
2-Hexanone	50	10 U	10 U
Tetrachloroethene	5	5 J	10 U
1,1,2,2-Tetrachloroethane	5	10 U	10 U
Toluene	5	10 U	10 U
Chlorobenzene	5	10 U	10 U
Ethylbenzene	5	10 U	10 U
Styrene	5	10 U	10 U
Xylenes (total)	5	10 U	10 U

NOTES:

- (1) Bold values indicates 2 times the GA gwdt standard exceedances.
- (2) U indicates analyte was not detected at or below the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- (3) J is the associated numerical value that is an estimated quantity
- (4) B indicates that the compound was also detected in the laboratory blank.
- (5) E, reported value estimated due to quantitation above the calibration range