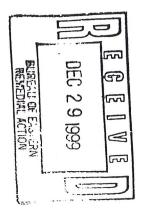


NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION

SITE INVESTIGATION INFORMATION

	Name, Irtle, Organization		raine, lite, organization
Ledion 1	7		Name Title Occasionics
	WISH PHIN	14	John B. Swartwout, Chief, Eastern Investigation Section
	Signature Date		Da
12/12/00	17. APPROVED Nach I. Panil	November 24, 2000	16. PREPARER November
	Patterson NJ 07503	90 Delaware Ave., Patterso	Tim Huttleston, AMP Supermarkets
15. TELEPHONE NUMBER		14. ADDRESS	13. SITE OWNER'S NAME
Score	j. EPA ID#	N(X) Y()	g. Controlled Site Access?
()1 ()2	i. If proposed Classification is 2, Priority?	N(X) Y()	f. Impact on special status fish or wildlife resource?
N(O)	h. Exposed hazardous waste?	()Y (X)N	e. Documented fish or wildlife mortality?
	Use- commercial	Direction- on-site	d. Nearest Building: Distance- Oft.
	Active ()Yes ()No	Direction	c. Water Supply: Distanceft.
()Other High-Yield Aquifer	(X)Sole Source ()Primary ()C	Flow Direction-south	b. Groundwater: Depth- 5ft.
	Class	Direction-	a. Nearest Surface Water: Distance
,			12. SITE IMPACT DATA
e ICs in place and verified? () Y ()N	c. Are these ICs in p	es, identify	a. Institutional Controls (IC) Required? ()Y ()N b. H yes,
tion with the investigation of the site and close-by. They indicate rations have been conducted at investigated as the potential	e prepared in connec is upgradient of that site dry cleaning ope This site should be	n in the groundwater at F. e source of the PCE conta Waldbaum's Shopping Ce Shopping center for over	Liberty Industrial Finishing site indicate that the source of the PCE contamination is upgradient of that site and close-by. They indicate that the source of the PCE contamination is upgradient of that site and close-by. They indicat that the likely source area is in the vicinity of Waldbaum's Shopping Center. On-site dry cleaning operations have been conducted at the Farmingdale Plaza Cleaners location in the shopping center for over 20 years. This site should be investigated as the potential source of the contamination.
			11. CONCLUSION
	()Leachate ()EPTox ()TCLP Oppb. The GA standard is 5 ppb.	() Sour () Waste the dry cleaner, was found to be 11:	b. Contravention of Standards or Guidance Values The PCE level in MW-22A, 300 feet downgradient of the dry cleaner, was found to be 1100 ppb.
		:	ANALYTICAL DATA AVAILABLE
		suspected.	Disposal of spent dry cleaning fluid (PCE- F001, F002) is suspected.
		us Waste Numbers)	9. HAZARDOUS WASTE DISPOSED (Include EPA Hazardous Waste Numbers)
D&M	ESI () IRM ()RI/FS () Construction () O&M	b. Completed: () Env. Property Assessment () PSA () SI () ESI () IRM ()RI/FS	a. Area acres b. Completed: () Env. Proper
Liberty Industrial Finishing site, re is a significant source of pproximately 300 feet directly	ingdale. This site is directly upgradient of the conducted at the Liberty site indicate that then ghly contaminated monitoring well is located a	ping Center on Main street, Farm to Disposal Sites. Investigations g the groundwater. The most h	The site is a dry cleaner located in the Waldbaum's Shopping Center on Main street, Farmingdale. This site is directly upgradient of the Liberty Industrial Finishing site, a Class 2 site on the Registry of Inactive Hazardous Waste Disposal Sites. Investigations conducted at the Liberty site indicate that there is a significant source of tetrachloroethene (PCE) upgradient which is contaminating the groundwater. The most highly contaminated monitoring well is located approximately 300 feet directly downgradient of Farmingdale Plaza Cleaners.
	G	g disposal/sampling locations)	8. BRIEFLY DESCRIBE THE SITE (Attach site map showing disposal/sampling locations)
	d. Site Street Address- 480 Main St., Farmingdale, NY	d. Site Street Address- 48	
•		b. Site letitude	a. Quadrangle- Amityville b. Sir.
	PROPOSED [P] MODIFICATION		7 LOCATION OF SITE LAWAR II S O S T
		-	5. REGION 6. CLASSIFICATION
Nassau	Farmingdale		Farmingdale Plaza Cleaners
4 COLINTY	3. TOWN/CITY/VILLAGE	2. SITE NUMBER 3.	1. SITE NAME





2325 Maryland Road Willow Grove, Pennsylvania 19090 215 657 5000 Tel 215 657 5454 Fax

August 23, 1999

Chief, NY Remediation Branch
United States Environmental Protection Agency
290 Broadway, 20th Floor
New York, New York 10007

Attn: Mr. Lorenzo Thantu

typical ength.

Re: Additional Groundwater Sampling Results
July 27, 1999 and August 17, 1999
Continued Remedial Investigation/Feasibility Study
Liberty Industrial Finishing Site
Farmingdale, Nassau County, New York

Dear Mr. Thantu:

The purpose of this letter is to report analytical results of groundwater sampling activities that were conducted on July 27 and August 17, 1999. Groundwater samples from five (5) monitoring wells were collected during both rounds of sampling and submitted to STL Envirotech Laboratories, Inc. of Edison, New Jersey. The groundwater samples were collected using low-flow, micro-purge methods, as described in the March 30, 1999 CRI Report. Personnel from Roy F. Weston, Inc. provided oversight on behalf of the EPA during both sampling events. Personnel from the Nassau County Department of Health collected analytical split samples during the August 17, 1999 sampling event. The locations of the sampled monitoring wells are shown in Figure 1. The location details and requested analyses are listed below:

July 27, 1999 Event:

	On-site Liberty Site 29.0		MW-33B on-site Liberty Site 50.0	00:0	MW-22B off-site, upgradient Fulton St 50.0		MW-22A off-site, upgradient Fulton St 29 0	11tt (128)	Address Depth	
St 45.0 18.7	29.0 20.1		50.0	20:0		21.0		(See 1991) (Lee Des)	Depth Depth to Water	
TCI VOC:	TCL VOCs	SOUN TOT	100	ICL VOCS		SOON TOT	701 1100		Anglycic	

flices Worldwide

Mr. Lorenzo Thantu USEPA - Region II August 23, 1999 Page -2-

August 17, 1999 Event:

MW-34B	MW-20	MW-33B	MW-22B	MW-22A	Well ID
off-site, downgradient	on-site	on-site	off-site, upgradient	off-site, upgradient	Location
Vandewater St	Liberty Site	Liberty Site	Fulton St	Fulton St	Address
45.0	29.0	50.0	50.0	29.0	Depth (feet bgs)
18.9	20.6	20.0	22.2	22.2	Depth to Water (feet bgs)
TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	TCL VOCs	Analysis

Background

On July 16, 1999, the Liberty PRP Group notified the U.S. Environmental Protection Agency (EPA) of its intent to perform these additional groundwater sampling activities. According to Section 61 of the Administrative Order on Consent (Index No. II CERCLA-97-0203), the Liberty PRP Group presented a memorandum to the EPA to support these groundwater sampling activities.

The July 27 and August 17 sampling events focused on off-site and on-site monitoring wells that had previous detections of tetrachloroethene (PCE). As reported in the March 30, 1999 Draft RI Report and based on then existing data, the Liberty PRP Group believed that PCE concentrations in certain wells (MW-20, MW-22A, MW-22B, MW-33B, MW-34B) are related to a potential off-site, upgradient source (one or more dry cleaning facilities along Main Street in Farmingdale, New York). The results of the current groundwater sampling events support this interpretation.

Analytical Results

The analytical data, as reported by the laboratory on an expedited turn-around, are attached to this letter as Attachment A. The results of three constituents, PCE, trichloroethene (TCE), and *cis*-1,2-dichloroethene (DCE) are summarized in Tables 1A, 1B, and 1C, respectively. Also shown in these tables are the results from previous CRI groundwater sampling events, as well as, concentration trends during this time period. The analytical results and inferred concentration contours are plotted (in plan view) in Figure 1. Cross sections showing the concentrations of PCE and its degradation products TCE and *cis*-1,2-DCE are shown as Figures 2 through 4.

Mr. Lorenzo Thantu
USEPA - Region II
August 23, 1999
Page -3-

As shown in Table 1A, the greatest PCE concentrations were detected off-site in upgradient monitoring well MW-22A, ranging from 810 to 1,100 µg/L. A previously detected PCE concentration of 18 µg/L (January 27, 1999) appears to be erroneous due to the short time lag from well completion (January 21, 1999). At the same location, monitoring well MW-22B had PCE concentrations ranging from 26 to 37 µg/L. The on-site monitoring wells MW-33B and MW-20 had PCE concentrations of 480 to 510 µg/L and 5.5 to 9.2 µg/L, respectively. The downgradient, off-site well MW-34B had PCE concentrations ranging from 130 to 220 µg/L.

As shown in Table 1B, the greatest TCE concentrations were detected off-site in upgradient monitoring well MW-22A, ranging from 510 to 840 $\mu g/L$. A previously detected TCE concentration of 3 $\mu g/L$ (January 27, 1999) appears to be erroneous due to the short time lag from well completion (January 21, 1999). At the same location, monitoring well MW-22B had TCE concentrations ranging from 7.6 to 11 $\mu g/L$. The on-site monitoring wells MW-33B and MW-20 had TCE concentrations of 7.9 to 9.7 $\mu g/L$ and 1.4 $\mu g/L$, respectively. The downgradient, offsite well MW-34B had TCE concentrations ranging from 39 to 60 $\mu g/L$.

As shown in Table 1C, the greatest *cis*-1,2-DCE concentrations were detected off-site in upgradient monitoring well MW-22A, ranging from 510 to 980 μg/L. A previously detected *cis*-1,2-DCE concentration of 18 μg/L (January 27, 1999) appears to be erroneous due to the short time lag from well completion (January 21, 1999). At the same location, monitoring well MW-22B had *cis*-1,2-DCE concentrations ranging from 18 to 21 μg/L. The on-site monitoring wells MW-33B and MW-20 had *cis*-1,2-DCE concentrations of 28 to 29 μg/L and 0.7 μg/L, respectively. The downgradient, off-site well MW-34B had *cis*-1,2-DCE concentrations ranging from 39 to 66 μg/L

The current PCE results are presented as a concentration contour map in Figure 1. It is clear from these data that the greatest PCE concentrations exist upgradient of the Liberty site at relatively shallow depths. The PCE concentrations decrease progressively in the downgradient direction. The distribution of PCE, as shown in Figure 1, is consistent with the presence of a shallow (current or historic) source area north-northeast of Fulton Street toward Main Street. Several drycleaners are known to operate along Main Street in Farmingdale, and the addresses of these drycleaning operations were previously communicated to the EPA via e-mail.

The cross section views presented in Figures 2 through 4 are consistent with the presence of a PCE-dominated VOC plume that originates from a shallow source to the north-northeast of Fulton Street and gradually penetrates the deeper aquifer portion. The relative concentration distributions of PCE, TCE, and cis-1,2-DCE are very similar to one another, suggesting that TCE and cis-1,2-DCE are present as degradation products of primary PCE

Mr. Lorenzo Thantu USEPA - Region II August 23, 1999

Summary

March 30, 1999) and refers to the non-site related VOC plume identified during the RI activities. CRI. The plan view and cross section concentration contour maps (Figures 1 through 4) are consistent with the presence of a PCE-dominated VOC plume that originates from a shallow source upgradient of the Liberty site and gradually penetrates the deeper aquifer portion beneath the site. This plume was referred to as "Plume B" in the draft RI Report (Dames & Moore, The results shown in Tables 1A through 1C indicate that upgradient, off-site monitoring well MW-22A had the greatest PCE (810 to 1,100 µg/L) and the greatest total VOC concentrations (1,860 to 2,930 µg/L) of the wells sampled. In fact, the total VOC concentrations detected in MW-22A are greater than any other on-site or off-site VOC concentrations detected during RI or

We have reviewed the on-site soil analytical data collected during the RI (1992), the CRI (1997), and the supplemental soil sampling program (1998-99). There were no detections of PCE in soil samples that were collected within the on-site footprint of this PCE groundwater plume ("Plume B"). Similarly, PCE was not detected in most of the subsurface feature solid samples collected within footprint of Plume B, with the exception of very low concentrations (between 1 and 17 µg/kg) in SF-19, SF-24, and SF-27. These PCE concentrations were at or below the default and site-specific NYSDEC soil TAGMs for protection of groundwater. Based on these data we argue that there is no PCE contribution from on-site soils to Plume B. Further, we believe that the detections of PCE in soil gas within the footprint of Plume B (1992 RI soil gas survey) were related to off-gassing from the shallow portion of Plume B. The PCE that is present in and off-gassing from Plume B, however, is derived from an off-site upgradient source north of the site.

In summary, the evidence presented in this letter report conclusively demonstrates that the PCE in Plume B is related to an upgradient, off-site source, and that no other on-site sources of PCE exist within the extent of Plume B.

Sincerely,

DAMES & MOORE

Senior Geologist Matthias Ohr

Lair

MO:mo ts\Liberty\AGENCY\08-23-99 epa pce.doc

8

Liberty PRP Group
Mr. Michael Mintzer (EPA)
Mr. Victor Cardona (NYSDEC)
Mr. Ted Toskos (Roy F. Weston)
Mr. Gary Loesch (H2M Group)
Mr. Tom Maher (Dvirka and Bartilucci)

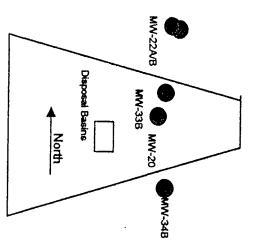
ATTACHMENT A

LABOARTORY DATA

July 27, 1999 Sampling Event: SDG # R852 August 17, 1999 Sampling Event: SDG # S505

TABLE 1A
Summary of Groundwater Analytical Results (PCE)
July 27 and August 17, 1999 Sampling Events
Liberty Industrial Finishing Site
Farmingdale, New York

Notes: C	8/17/99	7/27/99	4/22/99	1/27/99	8/17/98	4/15/98	Depth	Location	
1039 6#30 Concentrations are in ug/L	9.2	5.5			18		25 ft	on-site	MW-20
are in ug/L	1100	810		18			30 1₹	upgradient	MW-22A MW-22B
in the second	26	37		20	4	=	50 ft	dent	MW-22B
5.7.5	510	480		930	430		50 ft	on-site	MW-33B
	130	220		610	200		45 ft	downgradient	MW-34B



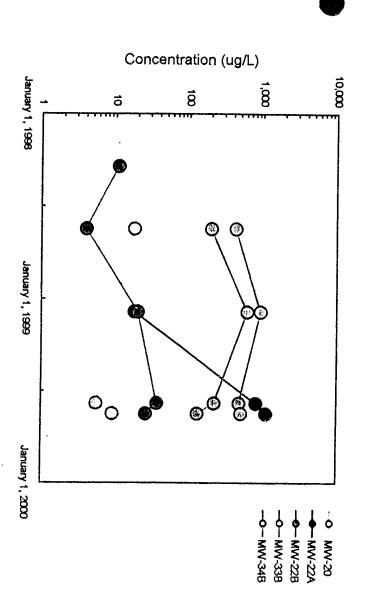
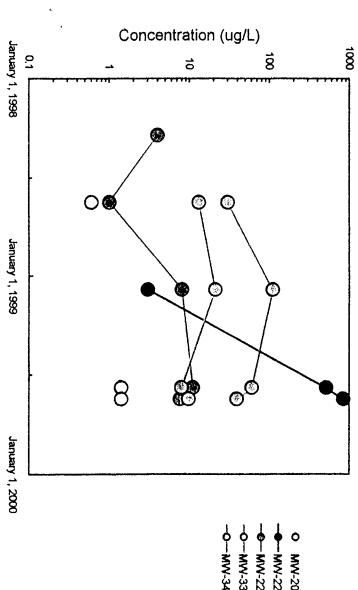


TABLE 1B
Summary of Groundwater Analytical Results (TCE)
July 27 and August 17, 1999 Sampling Events
Liberty Industrial Finishing Site
Farmingdale, New York

	8/17/99	7/27/99	4/22/99	1/27/99	8/17/98	4/15/98	Depth	Location	
<u>.</u>	1.4	1.4			0.6		25 ft	on-site	MW-20
	840	510		ω			30 ft	upgr	MW-22A MW-22B
	7.6	1		œ	<u> </u>	4	50 ft	upgradient	MW-22B
•	9.7	7.9		21	3		50 † t	on-site	MW-33B
•3 .∵.	39	60		110	30		45 ft	downgradient	MW-34B

Notes:

Concentrations are in ug/L
TCE = trichloroethene



selected VOCs 08/23/1999

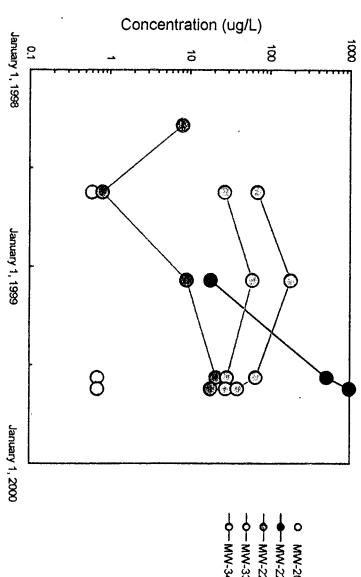
Dames & Moore

TABLE 1C
Summary of Groundwater Analytical Results (cis-1,2-DCE)
July 27 and August 17, 1999 Sampling Events
Liberty Industrial Finishing Site
Farmingdale, New York

8/17/99	7/27/99	4/22/99	1/27/99	8/17/98	4/15/98	Depth	Location	
0.7	0.7			0.6		25 ft	on-site	MW-20
980	510		1 28			30 ft	ibdin	MW-22A
18	21		ဖ	0.8	œ	50 ft	upgradient	MW-228
28	. 29		60	27		50 ft	on-site	MW-33B
39	66		180	69		45 ft	downgradient	MW-34B

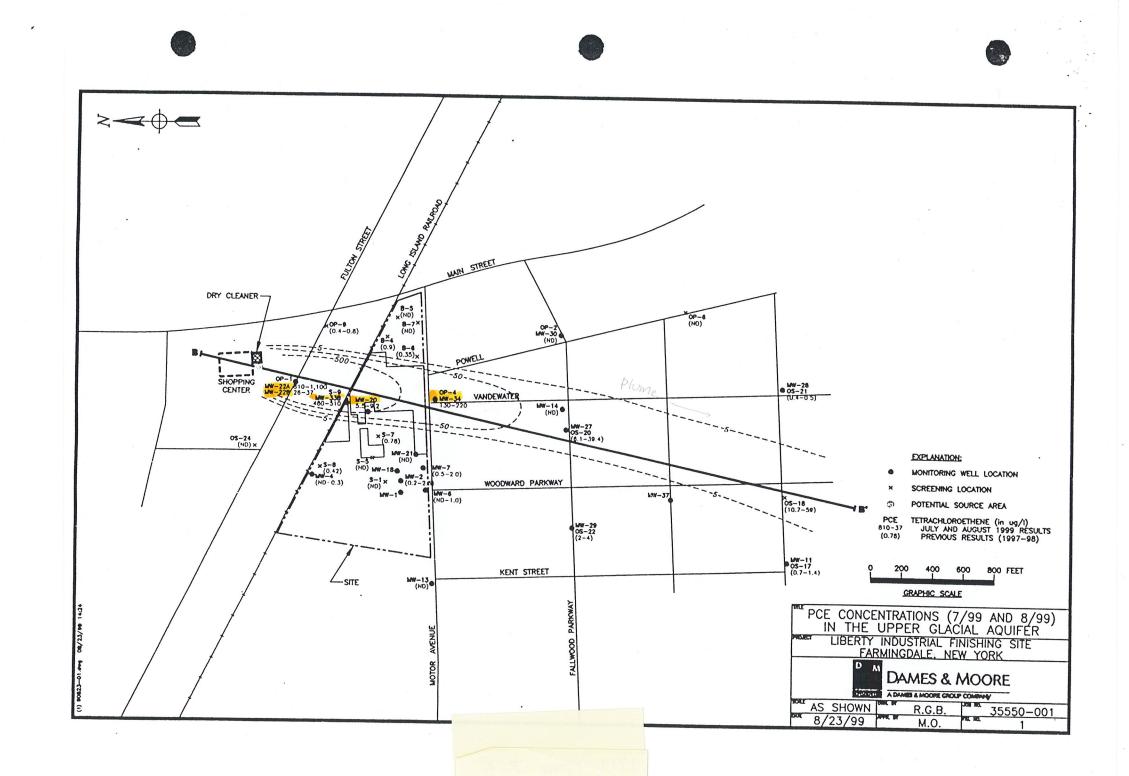
Notes:

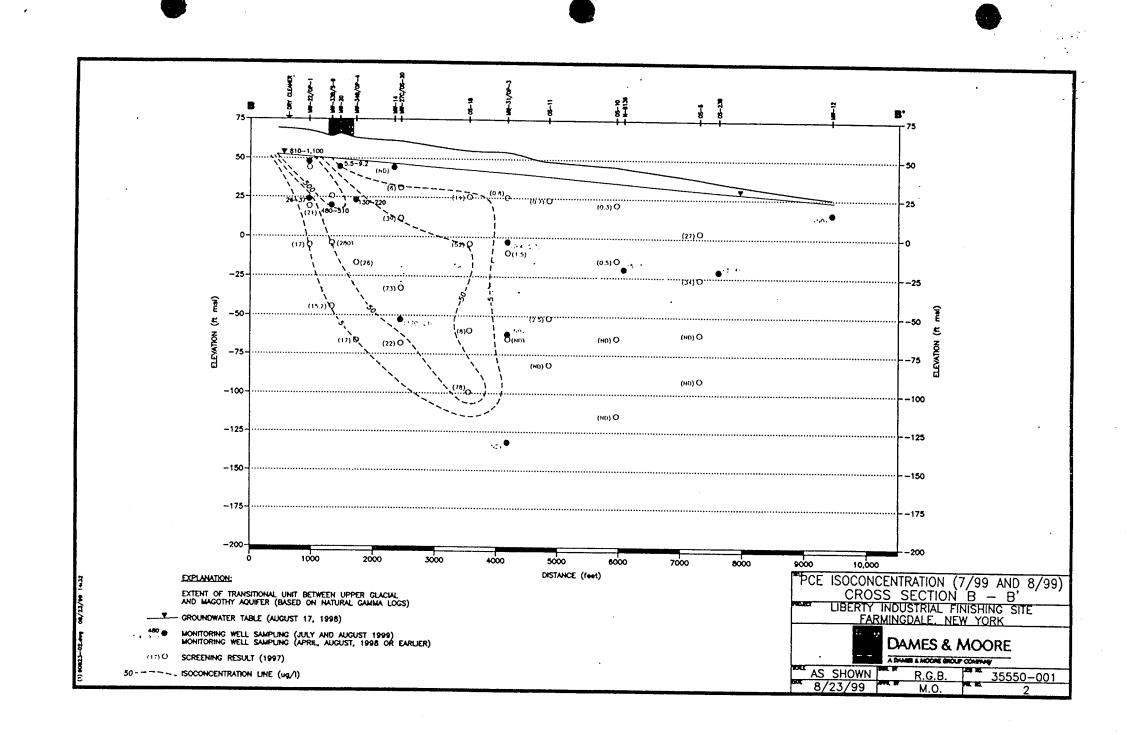
Concentrations are in ug/L cis-1,2-DCE = cis-1,2-dichloroethene

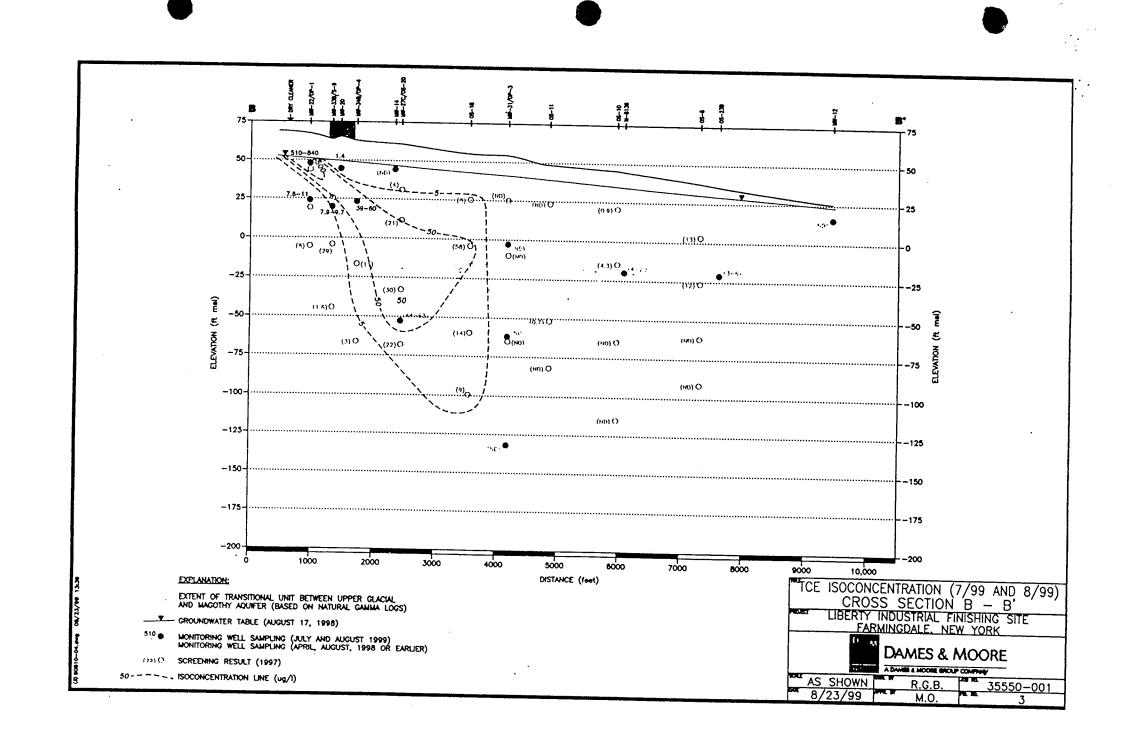


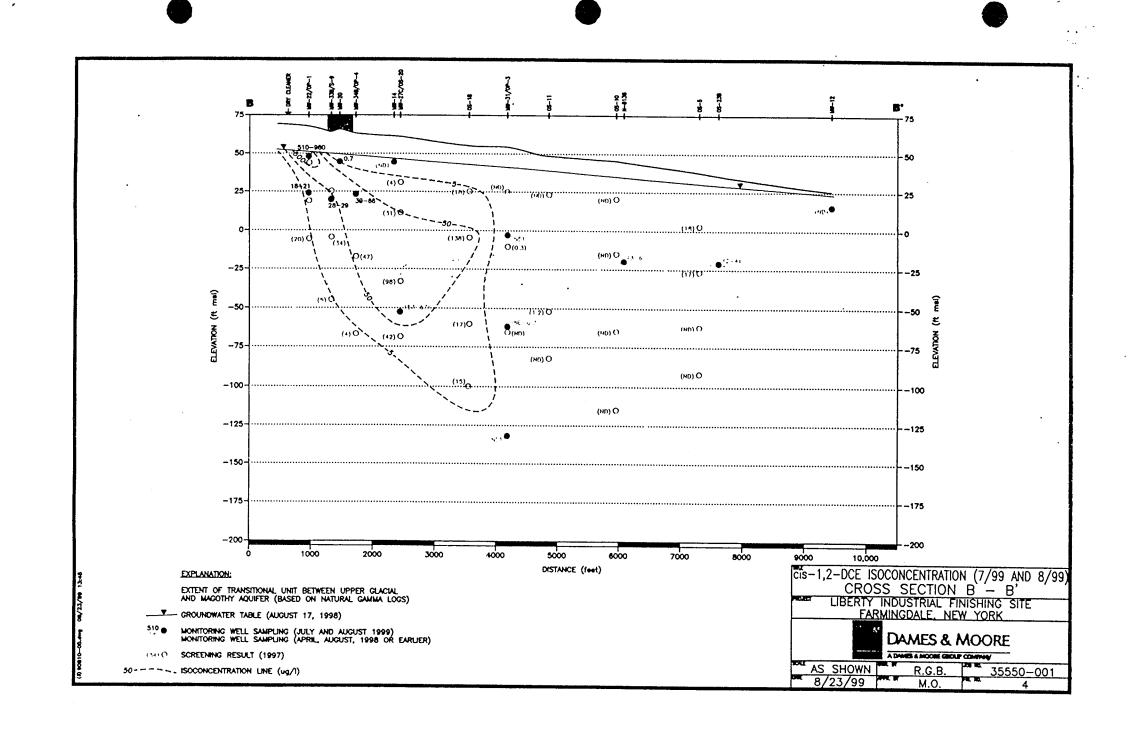
O MW-20→ MW-22A→ MW-22B→ O MW-33B→ O MW-34B

selected VOCs 08/23/1999









Sample ID	New Jersey Residential	New Jersey Non-Residential	New Jersey Impact to	New Jersey Higher of	MW-22B
Lab Sample Number	Direct Contact	Direct Contact	Ground Water	PQLs and	146403
Sampling Date	foli Cleanup	Soll Cleanup	Soil Cleanup	Ground Water Quality	07/27/09
Matrix	Criticala (ug/kg)	Criteria (ug/kg)	Criteria (ug/kg)	Criteria (ugn)	WATER
Dilution Factor					1.0
Units					ug/L
VOLATILE COMPOUNDS (GC/MS)					
Chloromethane	520,000	1,000,000	10,000	30	0.4 U
Bromomethane	79,000	1,000,000	1400D	10	0.6 U
Viny)Chloride	2,000	7,000	10.000	5	0.5 U
Chloroethane	NA NA	NA	NA	AN	0.4 U
MethyleneChlodde	49,000	210,000	1,000	3^	1.0 U
Acetone	1,000,000	1,000,000	100,000	700	2.4 U
CarbonDlsulfide	NA NA	NA	NA	NA	1.0 U
1,1-Dichloroethene	8,000	130,000	10,000	2	0.5 U
1,1-Dichloroethane	570,000	1,000,000	10,000	50^	0.3 U
trans-1,2-Dichtoroethene	1,000,000	1,000,000	50,000	100	0.5 U
cls-1,2-Dichloroethene	79,000	1,000,000	1,000	70^	21 -
Chloroform	19,000	28,000.	1,000	R	0.4 U
1,2-Dichloroethane	8,000	24,000	1,000	ع ا	0.3 U
2-Bulanone	1,000,000	1,000,000	50,000	300	2.3 U
1,1,1-Trichloroethene	210,000	1,000,000 1,000,000	50,000	30	0.3 U
CarbonTetrachloride	2,000	4,000	1,000	2	0.4 U
Bromodichioromethane	11,000	48,000	1,000	71	0.2 U
1,2-Dichloropropane	10,000	43,000	NA	1	0.1 U
1) ds-1,3-Dichloropropene	4,000	5,000	7,000	NA	0.3 U
Trichloroethene	23,000	54,000	1,008	```1	11 -
Dibromochloromethane	110,000	1,000,000	1,000	10	0,3 U
1,1,2-Trichloroethane	22,000	120,000	1,000	3	0.3 U
Benzena	3,000	13,000	1,000	1	0.3 U
1) trans-1,3-Dichloropropene	4,000	5,000	1,000	NA	0.3 U
Bromoform	86,000	370,000	1,000	4	0.3 U
4-Methyl-2-Pentanone	1,000,000	1,000,000	50,000	400	0.8 U
2-Hexanon e	NA NA	NA	NA	NA	0.3 U
Tetrachloroethene	4,000	6,000	1,000	1	37 —
1,1,2,2-Tetrachloroethane	34,000	70,000	1,000	1^	0.3 บ
Toluene	1,000,000	1,000,000	500,000	1,000	0.3 U
Chlorobenzene	37,000	680,000	1,000	50^	0.2 U
Elhylbenzene	1,000,000	1,000,000	100,000	700	0.2 U
Styrene	23,000	97,000	100,000	100	0.2 U
Xylene(Total)	NA .	AA	NA.	da	0.3 U
Total Confident Conc. VOAs (s)				303	89

Checked By: _____OK ___ Make Conections

Page 1

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The New Jersey DEP Standards lister guidence for the user. Please consult

Sample ID	MW-22A	MW-33B	MW-20	MW-34B	7. 6.
Lab Sample Number	148404	148405	148406	148407	Trip_Blank
Sampling Date	07/27/99	07/27/99	07/27/99	07/27/99	146408
Matix	WATER	WATER	WATER	1	07/18/99
Dilution Factor	5.0	5.0	1.0	WATER	WATER
Units	Lrg/L	ug/L	ug/L	2.0	1.0
			ugre	ug/L	ndVr
VOLATILE COMPOUNDS (GC/MS)					
Chloromethane	2.1 U	2.1 U	0.4 U	0.011	
Bromomethane	2.8 U	2.8 U	0.6 U	0.8 U	0.4 U
VinylChloride	2.2 U	2.2 U	0.5 U	1.1 U	U 8.0
Chloroethane	2.0 U	2.0 U	0.5 U 0.4 U	0.9 U	0.5 U
MethyleneChloride	5.0 U	5.0 U		0.8 U	0.4 U
Acetona	12 U	12 U	1.0 U 2.4 U	2.0 U	1.0 U
CarbonDisulfide	5.0 U	5.0 U		4.9 U	2.4 U
1,1-Dichloroethene	2.4 U	2.4 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethane	1.4 U	1.4 U	0.5 U	1.0 U	0.5 ป
Irans-1,2-Dichloroethene	31		0.3 U	0.8 U	0.3 U
d&1,2-Dichloroethene	510	2.2 U 28	0.5 U	1.6	0.5 U
Chloroform	1.8 U		0.7	68	0.4 U
1,2-Dichloroethane	1.4 U	1.8 U	D.4 U	0.7 U	0.4 U
2-Butanone	12 U	1.4 U	0.3 ∪	0.6 ป	0.3 U
1,1,1-Trichloroethane	1.5 U	12 U	2.3 ∪	4.8 U	2.3 U
CarbonTetrachloride	2.2 U	1.5 U	0.3 ป	0.B U	0.3 U
Bromodichloromethane	1.2 U	2.2 U	0.4 U	0.9 U	0.4 U
1,2-Dichloropropana	0.7 U	1.2 U	0.2 ป	0.5 U	0.2 U
(1) cls-1,3-Dichloropropene	1.4 U	0.7 U	0.1 U	0.3 U	0.1 U
Trichioroathene	510	1.4 U	0.3 U	0.5 U	0.3 U
Dibromochioromethane	1.6 U	7.9	1.4	80 —	0.3 U
1,1,2-Trichloroethano	1.8 U	1.6 U	0.3 U	0.8 U	0.3 U
Benzene	1	1.8 U	0.3 U	0.7 U	0.3 U
1) trans-1,3-Dichloropropene	1.6 U	1.8 U	0.3 U	0.7 U	0.3 U
Bromotom	1.6 U	1.8 U	0.3 U	0.6 U	0.3 U
4-Methyl-2-Pentanone	1.8 U	1.8 U	0.3 U	0.7 U	0.3 U
2-Hexanone	2.8 U	2.8 U	0.6 U	1.1 U	0.6 U
Tetrachlomethene	1.4 U	1.4 U	0.3 U	0.6 U	0.3 U
	810	480	5.5	220	0.5 U
1,1,2,2-Tetrachloroethane Toluene	1.6 U	1.6 U │	0.3 U	0.6 U	0.1 U
Chlorobenzena	1.3 U	1.3 U	0.3 U	0.5 U	0.3 U
	0.9 บ	0.9 U	0.2 U	0,4 U	0.3 U 0.2 U
Ethylbenzene	1.2 บ 🚶	1.2 U	0.2 U	0.5 U	0.2 U
Styrene	1.7 U	1.7 U	0.3 U	0.7 U	0.2 U 0.3 U
Xylene(Total)	1.8 U	1.8 U	0.3 U	0.7 U	
otal Confident Conc. VOAs (s)	1861	517	7.6	348	0.3 U

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Page 3

7/30/99 2:32 PM

Total Estimated Conc. VOA TICs (s)

(1) Values listed reflect the combined

^ Value is a revision to the Class IIA @97 policy memo issued by Assistant Commissioner R. Gimeilo.

Qualiflars

- U The compound was not detected at the indicate
- J Date Indicates the presence of a compound tha
- The concebration given is an appreximate value.
- B The analyte was found in the laboratory blank a
- NR Not analyzed.

Checked By: ___OK ___Make Corrections

Page 4

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Sample ID	MW-22B	MW-22A	MW-33B	MW-20	MW-34B	Trip_Blank
Lab Sample Number	150872	150873	150874	150875	150876	150877
Sampling Date	08/17/99	08/17/99	08/17/99	08/17/99	08/17/99	08/16/99
XVBM	WATER	WATER	WATER	WATER	WATER	
Dilution Factor	1.0	10.0	5.0	1.0	1.0	WATER
Units	ug/L	Ug/L	ug/L	ug/L		1.0
			39/2	Ug/L	ug/L	ug/L
VOLATILE COMPOUNDS (GC/MS)						
Chloromethane	0.4 U	4.2 U	2.1 U		[
Bromomethane	0.6 U	5.5 U		0.4 U	0.4 U	0.4 t
VinylChloride	0.5 U		2.8 U	0.6 U	0.8 U	0.6 t
Chloroethana	0.3 U	4.5 U	2.2 U	0.5 U	0.5 U	0.5 L
MethylensChloride		4.1 U	2.0 U	0.4 U	0.4 U	0.4 L
Acetone	1.0 U	9.9 U	5.0 U	1.0 U	1,0 U	1.0 U
CarbonDisulfide	2.4 U	24 U	12 U	2.4 U	2.4 U	2.4 L
1,1-Dichloroethene	1.0 U	10 U	5.0 U	1.0 U	1.0 U	1.0 L
	0.5 U	4.9 U	2.4 U	0.5 บ	0.5 บ	0.5 L
1,1-Dichloroethane	0.3 U	2.9 ∪	1.4 U	0.3 บ	0.3 U	0.3 L
trans-1,2-Dichloroethene	0.5	11	2.2 U	0.5 U	0.5 U	0.5 0
cls-1,2-Dichloroethene	18	980	28	0.7	39	0.4 U
Chloroform	0.4 U	3.7 U	1.8 บ 🖠	0.4 U	0.4 U	0.4 (
1,2-Dichloroethane	0.3 U	2.9 U	1.4 U	0.3 U	0.3 U	0.3 (
2-Butanone	2.3 U	23 U	12 U	2,3 U	2.3 U	
1,1,1-Trichloroethane	0.3 U	3.0 U	1.5 U	0.3 U	0.3 U	2.3 (
CarbonTetrachloride	0.4 U	4.4 U	2.2 U	0.4 U	*** *	0.3 t
Bromodichloromethane	0.2 ป	2.3 U	1.2 U	0.4 U	0.4 U	0.4 L
1,2-Dichioropropane	0.1 U	1.4 U	0.7 U	0.1 U	0.2 U	0.2 (
) cls-1,3-Dichloropropene	0.3 U	2.7 U	1.4 U	0.3 U	U 1.0	0.1 \
Trichloroethene	7.8	840	9.7		0.3 U	0.3 ل
Dibromochloromethane	0.3 U	3.2 U	1.6 U	1.4	37	0.3 ل
1,1,2-Trichloroethane	0.3 U	3.5 U	· - •	0.3 U	0.3 U	0.3 L
Benzene	0.3 U	3.3 U	1.8 U 1.6 U	0.3 U	0.3 U	0.3 L
) trans-1,3-Dichloropropene	0.3 U	3.1 U		0.3 U	0.3 U	0.3 L
Bromoform	0.3 U	3.3 U	1.6 U	0.3 U	0.3 บ	0.3 L
4-Methyl-2-Pentanone	0.8 U	5.6 U	1.6 U	0,3 U	0.3 U	0.3 L
2-Hexanone	0.3 U		2.8 U	D.6 U	0.8 U	0.6 L
Tetrachloroethene	26	2.8 U	1.4 U	0.3 U	0.3 บ	0,3 L
1,1,2,2-Tetrachloroethane		1100	510	9.2	130	0.1 U
Toluene	0.3 U	3.2 U	1.8 U	0.3 U	0.3 U	0.3 (
Chlorobenzene	0.3 U	2.6 U	1.3 U	0.3 U	0.3 U	0.3 (
	0.2 U	1.9 บ	0.9 U	0.2 U	0,2 U	0.2 U
Ethylbenzene	0.2 บ	2.5 U	1.2 U	0.2 U	0,2 U	0.2 U
Styrene	0.3 U	3.4 U	1.7 U	0.3 U	0.3 U	0.2 U 0.3 U
Xylene(Total)	0.3 U	3.5 U	1.8 U	0.3 U	0.3 U	
otal Confident Conc. VOAs (s)	52	2931	548	11	206	0,3 U
otal Es+	0	0	0	i i	200	0

Checked By: __ OK __ Make Corrections

Page 1

8/20/99 3:58 PM