SITE CHARACTERIZATION

LETTER REPORT

WORK ASSIGNMENT D004433-11
TASK 4

1ST AVENUE AND EAST 90TH STREET
UPPER EAST SIDE

SITE NO. 2-31-008
NEW YORK (C), NY

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Denise M. Sheehan, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION
REMEDIAL BUREAU B

URS Corporation
77 Goodell Street
Buffalo, New York 14203

Final
November 2006

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SITE ID # 2-31-008
UPPER EAST SIDE, NEW YORK, NEW YORK

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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TASK 4

FINAL

Prepared By:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

NOVEMBER 2006

November 3, 2006

Mr. David K. Harrington, P.E., Project Manager
New York State Department of Environmental Conservation
Remedial Bureau B
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7016

Re: NYSDEC Standby Contract, Work Assignment No. D004433-11
1st Avenue and East 90th Street, Site ID No. 2-31-008
Task 4
Field Investigation Letter Report

Dear Mr. Harrington:

URS Corporation (URS) has completed the Task 4 field activities for the Site Characterization under Work Assignment No. D004433-11 at the 1st Avenue and East 90th Street site, located in the Upper East Side of Manhattan, New York City, NY (Figure 1). In accordance with the NYSDEC Project Management Work Plan (URS, February, 2006), groundwater samples were collected from each monitoring well location to evaluate the groundwater.

The scheduled field activities included groundwater elevation measurements and groundwater sampling from 31 monitoring wells. The samples were submitted for analysis to Mitkem Corporation, located in Warwick, RI. This letter report summarizes the field activities and analytical results. A site plan presented in Figure 2 is based on the site survey performed previously by Naik-Prasad, Inc. during the Task 2 fieldwork (*Data Summary Report*, URS, September 2006). All monitoring well are shown on Figure 3. Figure 4 shows the August 2006 groundwater analytical results that exceeded regulatory criteria. Figures 5, 6, 7 and 8 show the PCE isoconcentration contours from the January 2005, June 2005, May 2006, and August 2006 analytical results, respectively. Figure 9 shows the groundwater contours from the August 21, 2006 water elevation measurements of overburden and bedrock wells.

Table 1 lists the analytical parameters for groundwater, with tetrachloroethene and its breakdown products identified by an asterisk. Table 2 provides a summary of detections in the groundwater samples, with regulatory criteria and exceedances indicated. Table 3 provides a historical summary of detections in the groundwater samples. A statistical summary of the August 2006 sample results is provided in Table 4. Table 5 provides the groundwater elevation measurements. This report also includes: monitoring well purge logs (Attachment A); field notes (Attachment B) and a Data Usability Summary Report containing complete validated analytical results (Attachment C) for the August 21 through August 29, 2006 field work. Attachment D contains business names and addresses of potential PCE sources.

1.0 FIELD ACTIVITIES

1.1 Groundwater Sampling

On August 22-29, 2006, thirty (30) groundwater monitoring wells were sampled. One well (MW-11) could not be accessed because the well box was covered with concrete, presumably when the concrete sidewalk panels/flags were replaced sometime between May and August 2006. Prior to sampling, each monitoring well was purged by removing approximately 5 gallons of groundwater (actual volumes ranged from 1 to 10 gallons) using dedicated tubing with a low flow peristaltic pump set to a flow rate of approximately 0.25 gallons/minute or less. Each well was purged until: the water quality parameters listed on the purge log stabilized; a specified volume was removed; or dryness. Purge logs are provided in Attachment A. All purge water was disposed of down nearby on-site storm drains, per the direction of NYSDEC. Two 40-ml glass vials of groundwater were collected from each monitoring well using a disposable bailer or peristaltic pump. Three field duplicate samples were collected, at locations MW-07, MW-14, and MW-26. One equipment rinse blank was also collected.

The samples were shipped with trip blanks under chain-of-custody (COC) via Federal Express to Mitkem Corporation. The samples were analyzed for target compound list (TCL) VOCs listed in Table 1 by USEPA SW846 Method 8260B. The complete validated analytical results are presented in the Data Usability Summary Report (DUSR) in Attachment C. The Form Is and data summary tables provided in the DUSR include the reporting limit for each compound.

A summary of the detected TCL VOCs in groundwater samples is presented in Table 2. Detections of several analytes exceeded Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA groundwater criteria, as indicated by a circle on Table 2. Table 3 summarizes the detected compounds from the January 2005, June 2005, May 2006, and August 2006 sampling events. Table 4 summarizes the detected parameters for the August 2006 sampling event as follows: the number of detections; the minimum, maximum and average values; the number of samples with Class GA groundwater criteria exceedances; and the location of the maximum value.

Figure 4 shows the location and concentration of the compound(s) detected in the August 2006 groundwater samples that exceeded TOGS No. 1.1.1 Class GA groundwater criteria. Figures 5, 6, 7, and 8 plot PCE isoconcentration contours for the January 2005, June 2005, May 2006, and August 2006 sampling events, respectively.

As with previous sampling events, the highest concentrations of PCE were detected at MW-08 and MW-10, with 9,600 micrograms per liter (µg/L) and 8,500 µg/L, respectively. Location MW-31 displayed the next highest concentration, at 180 µg/L. MW-7 (36 µg/L), MW-3 (34 µg/L), MW-12 (14 µg/L), MW-13 (12 µg/L) and MW-25 (8 µg/L) were other locations where PCE was detected with concentrations exceeding TOGS 1.1.1 Class GA criteria (i.e., greater than 5 µg/L). The concentration of PCE was below Class GA criteria or non-detect but the associated breakdown products exhibited concentrations above Class GA criteria in MW-01, MW-21, and MW-27.

Detections at all other locations (MW-02, MW-04, MW-05, MW-06, MW-09, MW-14, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-22, MW-23, MW-24, MW-26, MW-28, MW-29, and MW-30) were either below criteria or non-detect for PCE and/or the breakdown products. The most notable changes in PCE concentration was at location MW-31, where the results went from 7 µg/L in

May 2006 to 180 µg/L in this sampling event. The May 2006 PCE concentrations at MW-21 and MW-16 went from 140 µg/L and 120 µg/L, respectively to non-detect at both locations. The concentrations of the breakdown products at MW-31 are higher than the PCE concentration, suggesting natural attenuation of PCE is occurring.

Contaminants consistent with those found in petroleum products [e.g., gasoline (benzene, toluene, ethylbenzene, xylene) and its additive – methyl tert-butyl ether (MTBE)] showed detections above Class GA criteria. The highest concentrations of individual petroleum related compounds, in descending order, were found at locations MW-13, MW-12, MW-09, MW-21, MW-10, MW-27, MW-30, and MW-04. The results are consistent with previous sampling events with the exception of location MW-06, where the concentrations went from non-detect for all petroleum related compounds in the first two sampling events (January and June 2005) to levels as high as 1,300 µg/L for xylene in the third sampling event (May 2006) then to trace amounts in this fourth sampling event.

1.2 Groundwater Elevation Measurements

Groundwater elevation measurements were obtained at 30 wells on August 21, 2006. MW-11 could not be accessed. Figure 9 is a map showing the groundwater contours based on the August 21, 2006 measurements. Water level measurements are provided in Table 5. The recorded values are provided in the field notes in Attachment B. The direction of groundwater flow and contours are consistent with previous sampling events.

2.0 SUGGESTED FOLLOW-UP ACTIVITIES

The following sequences of activities are suggested to assist in determining monitoring well placement in the subsequent task (Task 5) of this work assignment.

- Several users of PCE have been identified in the Environmental Data Resources, Inc. (EDR) Radius Report Map with Geocheck® (EDR, October 4, 2006). A URS representative should visit (or revisit) and perform interviews at the locations that have not been previously identified as PCE users. A list of business names and addresses are provided in Attachment D.

- Perform slug tests as recommended in the Data Summary Report (URS, September 2006). Assess and evaluate range in values at wells. Examine the data for correlation between hydraulic conductivity and PCE concentrations. The hydrogeologist will evaluate the data and identify proposed monitoring well locations based on the information.

- Install 2 deep (D) wells, paired with locations MW-08 and MW-10. Drill using rock coring methods to identify fractures in the bedrock. The top of the screen for the deep well should be placed 5 feet below the shallow well's depth. Recommended screen length is 15 feet. Based on well logs, MW-08 and MW-10 are approximately 30 and 38.5 feet deep, respectively; therefore MW-08D and MW-10D depths should be approximately 50 and 58 feet, respectively. Develop and sample wells as soon as possible. Obtain analytical results within 24 hour of collection so that the data can be used for determining additional well placement and boring/screen depths and lengths.

- Up to 8 additional wells will be installed. The number, locations, and depths are dependent on evaluation of the information compiled above.

3.0 TABLES, FIGURES, AND ATTACHMENTS

The following tables, figures, and attachments are included as part of this letter report:

Tables

Table 1	Summary of Parameters Analyzed in Groundwater Samples by USEPA Method 8260B
Table 2	Summary of Detected Analytes – August 2006 Groundwater Samples
Table 3	Summary of Detected Analytes in Groundwater – All Sampling Events
Table 4	Statistical Summary of Detected Compounds in Groundwater – August 2006
Table 5	Groundwater Elevation Measurements

Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Sampling Location Map
Figure 4	Groundwater Analytical Results – August 2006
Figure 5	Tetrachloroethene Contamination - January 2005
Figure 6	Tetrachloroethene Contamination - June 2005
Figure 7	Tetrachloroethene Contamination - May 2006
Figure 8	Tetrachloroethene Contamination - August 2006
Figure 9	Groundwater Elevation Contour Map – August 21, 2006

Attachments

Attachment A	Purge Logs
Attachment B	Field Notes
Attachment C	Data Usability Summary Report - Including Form Is
Attachment D	Potential PCE Sources

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

URS Corporation

Charles E. Dusel, Jr.
Senior Project Manager

cc: George Kisluk –URS, File: 11174491 (C-1)

TABLE 1
SUMMARY OF PARAMETERS ANALYZED IN GROUNDWATER SAMPLES
BY USEPA METHOD 8260B
1ST AVENUE AND EAST 90TH STREET

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
*1,1-Dichloroethane
*1,1-Dichloroethene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane (Ethylene dibromide)
1,2-Dichlorobenzene
*1,2-Dichloroethane
*cis-1,2-Dichloroethene
*trans-1,2-Dichloroethene
1,2-Dichloropropane
1,3,5-Trimethylbenzene (Mesitylene)
1,3-Dichlorobenzene
1,3-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
1,4-Dichlorobenzene
2,2-Dichloropropane
2-Chlorotoluene
2-Hexanone
4-Chlorotoluene
4-Isopropyltoluene (p-Cymene)
4-Methyl-2-pentanone
Acetone
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
*Chloroethane
Chloroform
Chloromethane
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane (Freon 12)
Ethylbenzene
Hexachlorobutadiene
Iodomethane (Methyl iodide)
Isopropylbenzene (Cumene)
Methyl ethyl ketone (2-Butanone)
Methyl tert-butyl ether
Methylene chloride
Naphthalene
n-Butylbenzene
n-Propylbenzene
sec-Butylbenzene
Styrene
tert-Butylbenzene
*Tetrachloroethene
Toluene
*Trichloroethene
Trichlorofluoromethane (Freon 11)
Vinyl acetate
*Vinyl chloride
Xylene (total)

Samples analyzed by Method 8260B Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry (GC/MS): Test Methods for Evaluating Solid Waste - Physical/Chemical Methods, SW-846, Final Update III, June 1997.

* - Tetrachloroethene and its breakdown products.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-01	MW-02	MW-03	MW-04	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/28/06	08/28/06	08/28/06	08/28/06	08/28/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	6		29		
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50					
Benzene	UG/L	1					
Chloroform	UG/L	7				1 J	
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	2 J				
Isopropylbenzene (Cumene)	UG/L	5					
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10				18	
Naphthalene	UG/L	10					2 J
n-Propylbenzene	UG/L	5					
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5		2 J	34	1 J	
Toluene	UG/L	5					
Trichloroethene	UG/L	5			20		
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					1 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.

Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-06	MW-07	MW-07	MW-08	MW-09
Sample ID			MW-06	BD-01	MW-07	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/24/06	08/24/06	08/24/06	08/24/06	08/23/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5					80
1,2-Dichloroethene (cis)	UG/L	5		2 J	2 J	470 D	
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50					
Benzene	UG/L	1				4 J	3 J
Chloroform	UG/L	7			3 J		
Ethylbenzene	UG/L	5					190
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					14
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	1 J				14
Naphthalene	UG/L	10					330 D
n-Propylbenzene	UG/L	5					8
sec-Butylbenzene	UG/L	5					2 J
Styrene	UG/L	5					20
Tetrachloroethene	UG/L	5	1 J	36	36	9,600 D	
Toluene	UG/L	5					22
Trichloroethene	UG/L	5		3 J	3 J	620 D	
Vinyl chloride	UG/L	2				4 J	
Xylene (total)	UG/L	5	4 J				150

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.

Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-10	MW-12	MW-13	MW-14	MW-14
Sample ID			MW-10	MW-12	MW-13	BD-03	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/23/06	08/24/06	08/24/06	08/29/06	08/29/06
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5	1 J				
1,2,4-Trimethylbenzene	UG/L	5		650 D	3,700 D		
1,2-Dichloroethene (cis)	UG/L	5	160				
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	2 J	110	1,300 D		
4-Isopropyltoluene (p-Cymene)	UG/L	5			15		
Acetone	UG/L	50			170		
Benzene	UG/L	1		71	1,000 D		
Chloroform	UG/L	7					
Ethylbenzene	UG/L	5	9		1,100 D		
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5		45	69		
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	160	61	19,000 D	8	7
Naphthalene	UG/L	10	9	290 D	450 DJ		
n-Propylbenzene	UG/L	5			110		
sec-Butylbenzene	UG/L	5		5			
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	8,500 D	14	12		
Toluene	UG/L	5	1 J	24	2,400 D		
Trichloroethene	UG/L	5	480 D				
Vinyl chloride	UG/L	2	3 J				
Xylene (total)	UG/L	5		4,100 D	13,000 D		

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-15	MW-16	MW-17	MW-18	MW-19
Sample ID			MW-15	MW-16	MW-17	MW-18	MW-19
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/23/06	08/23/06	08/22/06	08/22/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5				1 J	
1,2-Dichloroethene (cis)	UG/L	5	5		3 J	3 J	5
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5				1 J	
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50				15	
Benzene	UG/L	1					
Chloroform	UG/L	7					
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					
Methyl ethyl ketone (2-Butanone)	UG/L	50				7	
Methyl tert-butyl ether	UG/L	10	3 J				
Naphthalene	UG/L	10					
n-Propylbenzene	UG/L	5					
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5			2 J		
Toluene	UG/L	5					
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-20	MW-21	MW-22	MW-23	MW-24
Sample ID			MW-20	MW-21	MW-22	MW-23	MW-24
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/22/06	08/25/06	08/25/06	08/25/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5		19			
1,2-Dichloroethene (cis)	UG/L	5		17	3 J	2 J	
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5		5			
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50		14			
Benzene	UG/L	1		91			
Chloroform	UG/L	7	2 J				3 J
Ethylbenzene	UG/L	5		50			
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5		2 J			
Methyl ethyl ketone (2-Butanone)	UG/L	50		29			
Methyl tert-butyl ether	UG/L	10					
Naphthalene	UG/L	10		19			
n-Propylbenzene	UG/L	5		1 J			
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5			1 J	1 J	
Toluene	UG/L	5		54			
Trichloroethene	UG/L	5				1 J	
Vinyl chloride	UG/L	2		2 J			
Xylene (total)	UG/L	5		220			

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-25	MW-26	MW-26	MW-27	MW-28
Sample ID			MW-25	BD-02	MW-26	MW-27	MW-28
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/25/06	08/25/06	08/25/06	08/23/06	08/29/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	2 J	2 J		19	
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50					
Benzene	UG/L	1				22	
Chloroform	UG/L	7		1 J	1 J		
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10				3 J	
Naphthalene	UG/L	10					
n-Propylbenzene	UG/L	5					
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	8		3 J		
Toluene	UG/L	5					
Trichloroethene	UG/L	5	3 J	2 J	2 J	1 J	
Vinyl chloride	UG/L	2				5	
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.

Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTES - AUGUST 2006 GROUNDWATER SAMPLES

Location ID			MW-29	MW-30	MW-31
Sample ID			MW-29	MW-30	MW-31
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-
Date Sampled			08/28/06	08/25/06	08/22/06
Parameter	**Units**	**Criteria***			
Volatile Organic Compounds					
1,1-Dichloroethene	UG/L	5			
1,2,4-Trimethylbenzene	UG/L	5		14	9
1,2-Dichloroethene (cis)	UG/L	5	1 J		380 D
1,2-Dichloroethene (trans)	UG/L	5			8
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5		7	3 J
4-Isopropyltoluene (p-Cymene)	UG/L	5			
Acetone	UG/L	50			56
Benzene	UG/L	1		1 J	
Chloroform	UG/L	7			
Ethylbenzene	UG/L	5		13	1 J
Hexachlorobutadiene	UG/L	0.5			
Isopropylbenzene (Cumene)	UG/L	5		10	
Methyl ethyl ketone (2-Butanone)	UG/L	50			
Methyl tert-butyl ether	UG/L	10			
Naphthalene	UG/L	10		19	2 J
n-Propylbenzene	UG/L	5		4 J	
sec-Butylbenzene	UG/L	5			
Styrene	UG/L	5			
Tetrachloroethene	UG/L	5	2 J		180 D
Toluene	UG/L	5			
Trichloroethene	UG/L	5			350 D
Vinyl chloride	UG/L	2			2 J
Xylene (total)	UG/L	5		16	11

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-01	MW-01	MW-01	MW-01	MW-02
Sample ID			MW-1	MW-01	MW-1	MW-01	MW-2
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/10/05	06/01/05	05/04/06	08/28/06	01/10/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA	NA			NA
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5				6	4 J
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA	NA			NA
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA	NA			NA
Acetone	UG/L	50					
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50			NA	NA	
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	NA	NA		2 J	NA
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50			NA	NA	
Methyl ethyl ketone (2-Butanone)	UG/L	50					7 J
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50			NA	NA	
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-01	MW-01	MW-01	MW-01	MW-02
Sample ID			MW-1	MW-01	MW-1	MW-01	MW-2
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/10/05	06/01/05	05/04/06	08/28/06	01/10/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	NA			NA
n-Propylbenzene	UG/L	5	NA	NA			NA
sec-Butylbenzene	UG/L	5	NA	NA			NA
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5					6 J
Toluene	UG/L	5					
Trichloroethene	UG/L	5					3 J
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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NA - Not Analyzed.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-02	MW-02	MW-02	MW-03	MW-03
Sample ID			MW-02	MW-2	MW-02	MW-3	MW-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/03/05	05/04/06	08/28/06	01/12/05	06/01/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA			NA	NA
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5		2 J		110	25
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA			NA	NA
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA			NA	NA
Acetone	UG/L	50					
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7	1 J				
Cyclohexane	UG/L	50		NA	NA		
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	NA			NA	NA
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50		NA	NA		
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50		NA	NA		
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-02	MW-02	MW-02	MW-03	MW-03
Sample ID			MW-02	MW-2	MW-02	MW-3	MW-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/03/05	05/04/06	08/28/06	01/12/05	06/01/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA			NA	NA
n-Propylbenzene	UG/L	5	NA			NA	NA
sec-Butylbenzene	UG/L	5	NA			NA	NA
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	1 J	2 J	2 J	140	36
Toluene	UG/L	5					
Trichloroethene	UG/L	5				77	19
Vinyl chloride	UG/L	2				2 J	
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-03	MW-03	MW-04	MW-04	MW-04
Sample ID			MW-03	MW-03	MW-4	MW-04	MW-4
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/05/06	08/28/06	01/12/05	06/03/05	05/04/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5			NA	NA	
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	16	29			
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5			NA	NA	
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5			NA	NA	
Acetone	UG/L	50	4 J				
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50	NA	NA			NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5			NA	NA	
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50	NA	NA	23 J		NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10			21	72	22
Methylcyclohexane	UG/L	50	NA	NA			NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-03	MW-03	MW-04	MW-04	MW-04
Sample ID			MW-03	MW-03	MW-4	MW-04	MW-4
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/05/06	08/28/06	01/12/05	06/03/05	05/04/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10			NA	NA	
n-Propylbenzene	UG/L	5			NA	NA	
sec-Butylbenzene	UG/L	5			NA	NA	
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	9	34			
Toluene	UG/L	5					
Trichloroethene	UG/L	5	8	20			
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					1 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-04	MW-05	MW-05	MW-05	MW-05
Sample ID			MW-04	MW-5	MW-05	MW-5	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/28/06	01/11/05	06/01/05	05/08/06	08/28/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5		NA	NA		
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5					
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5		NA	NA		
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5		NA	NA		
Acetone	UG/L	50			16 J	250 JD	
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7	1 J		1 J		
Cyclohexane	UG/L	50	NA			NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5		NA	NA		
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50	NA			NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	18				
Methylcyclohexane	UG/L	50	NA			NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-04	MW-05	MW-05	MW-05	MW-05
Sample ID			MW-04	MW-5	MW-05	MW-5	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/28/06	01/11/05	06/01/05	05/08/06	08/28/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10		NA	NA		2 J
n-Propylbenzene	UG/L	5		NA	NA		
sec-Butylbenzene	UG/L	5		NA	NA		
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	1 J	3 J			
Toluene	UG/L	5					
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					1 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-06	MW-06	MW-06	MW-06	MW-07
Sample ID			MW-6	MW-06	MW-6	MW-06	MW-7
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	05/03/06	08/24/06	01/11/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	650 D		NA
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5					
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA	NA	220 D		NA
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA	NA			NA
Acetone	UG/L	50					
Benzene	UG/L	1			8		
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50			NA	NA	
Ethylbenzene	UG/L	5			91		
Hexachlorobutadiene	UG/L	0.5	NA	NA			NA
Isopropylbenzene (Cumene)	UG/L	5			21		
Methyl acetate	UG/L	50			NA	NA	
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10			24	1 J	
Methylcyclohexane	UG/L	50			NA	NA	
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-06	MW-06	MW-06	MW-06	MW-07
Sample ID			MW-6	MW-06	MW-6	MW-06	MW-7
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	05/03/06	08/24/06	01/11/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	NA	140		NA
n-Propylbenzene	UG/L	5	NA	NA	35		NA
sec-Butylbenzene	UG/L	5	NA	NA			NA
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	6 J		3 J	1 J	
Toluene	UG/L	5			140		
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5		2 J	1,300 D	4 J	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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NA - Not Analyzed.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-07	MW-07	MW-07	MW-07	MW-08
Sample ID			MW-07	MW-7	BD-01	MW-07	MW-8
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/02/05	05/03/06	08/24/06	08/24/06	01/11/05
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA	2 J			NA
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5			2 J	2 J	440 J
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA				NA
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA				NA
Acetone	UG/L	50					2,900 J
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7	0.9 J			3 J	
Cyclohexane	UG/L	50		NA	NA	NA	
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	NA				NA
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50		NA	NA	NA	
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10		2 J			
Methylcyclohexane	UG/L	50		NA	NA	NA	
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-07	MW-07	MW-07	MW-07	MW-08
Sample ID			MW-07	MW-7	BD-01	MW-07	MW-8
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/02/05	05/03/06	08/24/06	08/24/06	01/11/05
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	2 J			NA
n-Propylbenzene	UG/L	5	NA				NA
sec-Butylbenzene	UG/L	5	NA				NA
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5		2 J	36	36	11,000
Toluene	UG/L	5					
Trichloroethene	UG/L	5			3 J	3 J	610 J
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5		1 J			

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-08	MW-08	MW-08	MW-08	MW-08
Sample ID			MW-DUP2	DUPLICATE2	MW-08	MW-8	MW-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	06/02/05	05/03/06	08/24/06
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5		3 J			
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	NA	1 J	
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	620 J	580 JD	600	390 JD	470 D
1,2-Dichloroethene (trans)	UG/L	5		4 J			
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA	NA	NA		
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA	NA	NA		
Acetone	UG/L	50					
Benzene	UG/L	1		5 J		3 J	4 J
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50				NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA		
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50				NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10		5 J			
Methylcyclohexane	UG/L	50				NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-08	MW-08	MW-08	MW-08	MW-08
Sample ID			MW-DUP2	DUPLICATE2	MW-08	MW-8	MW-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	06/02/05	05/03/06	08/24/06
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	NA	NA		
n-Propylbenzene	UG/L	5	NA	NA	NA		
sec-Butylbenzene	UG/L	5	NA	NA	NA		
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	12,000	24,000 D	23,000 D	9,900 D	9,600 D
Toluene	UG/L	5				1 J	
Trichloroethene	UG/L	5	710 J	1,300 JD	1,200	620 D	620 D
Vinyl chloride	UG/L	2		8 J		14	4 J
Xylene (total)	UG/L	5		9 J			

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-09	MW-09	MW-09	MW-09	MW-10
Sample ID			MW-9	MW-09	MW-9	MW-09	MW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	05/02/06	08/23/06	01/11/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	69	80	NA
1,2-Dichlorobenzene	UG/L	3	4 J				
1,2-Dichloroethene (cis)	UG/L	5	9 J	2 J	8		
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA	NA	1 J		NA
1,3-Dichlorobenzene	UG/L	3	4 J				
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA	NA			NA
Acetone	UG/L	50					
Benzene	UG/L	1		3 J	4 J	3 J	
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50	29 J	31	NA	NA	
Ethylbenzene	UG/L	5	370	43	270 D	190	
Hexachlorobutadiene	UG/L	0.5	NA	NA			NA
Isopropylbenzene (Cumene)	UG/L	5	21 J	4 J	14	14	
Methyl acetate	UG/L	50			NA	NA	
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	36	44	81	14	190 J
Methylcyclohexane	UG/L	50	14 J	7 J	NA	NA	
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

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Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-09	MW-09	MW-09	MW-09	MW-10
Sample ID			MW-9	MW-09	MW-9	MW-09	MW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	05/02/06	08/23/06	01/11/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	NA	270 D	330 D	NA
n-Propylbenzene	UG/L	5	NA	NA	12	8	NA
sec-Butylbenzene	UG/L	5	NA	NA		2 J	NA
Styrene	UG/L	5	72			20	
Tetrachloroethene	UG/L	5					8,300
Toluene	UG/L	5			24	22	
Trichloroethene	UG/L	5					340 J
Vinyl chloride	UG/L	2	8 J	2 J	17		
Xylene (total)	UG/L	5	310	58	190	150	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-10	MW-10	MW-10	MW-10	MW-11
Sample ID			MW-DUP1	MW-10	MW-10	MW-10	MW-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	05/02/06	08/23/06	01/11/05
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5				1 J	
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	12		NA
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5		150 J	190	160	
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA	NA		2 J	NA
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA	NA			NA
Acetone	UG/L	50					
Benzene	UG/L	1			1 J		
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50			NA	NA	
Ethylbenzene	UG/L	5			39	9	
Hexachlorobutadiene	UG/L	0.5	NA	NA			NA
Isopropylbenzene (Cumene)	UG/L	5			2 J		
Methyl acetate	UG/L	50			NA	NA	
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	140 J	170 J	180	160	100
Methylcyclohexane	UG/L	50			NA	NA	
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-10	MW-10	MW-10	MW-10	MW-11
Sample ID			MW-DUP1	MW-10	MW-10	MW-10	MW-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/11/05	06/02/05	05/02/06	08/23/06	01/11/05
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	NA	40	9	NA
n-Propylbenzene	UG/L	5	NA	NA			NA
sec-Butylbenzene	UG/L	5	NA	NA			NA
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	8,000	11,000 D	6,200 D	8,500 D	1 J
Toluene	UG/L	5			3 J	1 J	
Trichloroethene	UG/L	5	300 J	460	380 D	480 D	
Vinyl chloride	UG/L	2				3 J	
Xylene (total)	UG/L	5			33		

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-11	MW-11	MW-12	MW-12	MW-12
Sample ID			MW-11	MW-11	MW-12	MW-12	MW-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/02/05	05/02/06	01/11/05	06/02/05	05/02/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA		NA	NA	4 J
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5		3 J			
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA		NA	NA	
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA		NA	NA	
Acetone	UG/L	50					
Benzene	UG/L	1					19
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50		NA	5 J		NA
Ethylbenzene	UG/L	5		2 J	16	1 J	2 J
Hexachlorobutadiene	UG/L	0.5	NA		NA	NA	
Isopropylbenzene (Cumene)	UG/L	5			8 J	5 J	3 J
Methyl acetate	UG/L	50		NA			NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	82	69	16	16	27
Methylcyclohexane	UG/L	50		NA	11	7 J	NA
Methylene chloride	UG/L	5				1 J	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-11	MW-11	MW-12	MW-12	MW-12
Sample ID			MW-11	MW-11	MW-12	MW-12	MW-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/02/05	05/02/06	01/11/05	06/02/05	05/02/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA	2 J	NA	NA	18
n-Propylbenzene	UG/L	5	NA		NA	NA	
sec-Butylbenzene	UG/L	5	NA		NA	NA	2 J
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	1 J	76	2 J		82
Toluene	UG/L	5		1 J			14
Trichloroethene	UG/L	5		8	1 J		7
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5		1 J	84	12	280 D

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-12	MW-13	MW-13	MW-13	MW-13
Sample ID			MW-12	DUPLICATE1	MW-13	MW-13	MW-13
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/24/06	06/02/05	06/02/05	05/03/06	08/24/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	650 D	NA	NA	8,000 D	3,700 D
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5					
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	110	NA	NA	2,400 D	1,300 D
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5		NA	NA	20	15
Acetone	UG/L	50		210 J	210 J	340 J	170
Benzene	UG/L	1	71	1,500 JD	1,600 JD	1,100 D	1,000 D
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50	NA	180	170	NA	NA
Ethylbenzene	UG/L	5		560 J	510 J	1,100 D	1,100 D
Hexachlorobutadiene	UG/L	0.5		NA	NA		
Isopropylbenzene (Cumene)	UG/L	5	45	25	22	130	69
Methyl acetate	UG/L	50	NA			NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50		110 J	100 J		
Methyl tert-butyl ether	UG/L	10	61	85,000 D	83,000 D	31,000 D	19,000 D
Methylcyclohexane	UG/L	50	NA	170	160	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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NA - Not Analyzed.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-12	MW-13	MW-13	MW-13	MW-13
Sample ID			MW-12	DUPLICATE1	MW-13	MW-13	MW-13
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/24/06	06/02/05	06/02/05	05/03/06	08/24/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Naphthalene	UG/L	10	290 D	NA	NA	2,000 D	450 DJ
n-Propylbenzene	UG/L	5		NA	NA	200 J	110
sec-Butylbenzene	UG/L	5	5	NA	NA	17	
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	14			15	12
Toluene	UG/L	5	24	6,500 JD	8,300 JD	4,400 D	2,400 D
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5	4,100 D	17,000 D	19,000 D	16,000 D	13,000 D

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-14	MW-14	MW-14	MW-14	MW-15
Sample ID			MW-14	MW-14	BD-03	MW-14	MW-15
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/03/05	05/05/06	08/29/06	08/29/06	06/03/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA				NA
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5					
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA				NA
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA				NA
Acetone	UG/L	50					
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7	1 J				
Cyclohexane	UG/L	50	2 J	NA	NA	NA	
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	NA				NA
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50		NA	NA	NA	
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	360 D	1 J	8	7	23
Methylcyclohexane	UG/L	50	2 J	NA	NA	NA	2 J
Methylene chloride	UG/L	5	2 J				1 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-14	MW-14	MW-14	MW-14	MW-15
Sample ID			MW-14	MW-14	BD-03	MW-14	MW-15
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/03/05	05/05/06	08/29/06	08/29/06	06/03/05
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA				NA
n-Propylbenzene	UG/L	5	NA				NA
sec-Butylbenzene	UG/L	5	NA				NA
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5	0.7 J				

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-15	MW-15	MW-16	MW-16	MW-16
Sample ID			MW-15	MW-15	MW-16	MW-16	MW-16
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/05/06	08/29/06	06/03/05	05/03/06	08/23/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5			NA	1 J	
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	2 J	5		8	
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5			NA		
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5			NA		
Acetone	UG/L	50					
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50			1 J		
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7			14		
Cyclohexane	UG/L	50	NA	NA		NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5			NA		
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50	NA	NA		NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10	3 J	3 J	1 J		
Methylcyclohexane	UG/L	50	NA	NA		NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-15	MW-15	MW-16	MW-16	MW-16
Sample ID			MW-15	MW-15	MW-16	MW-16	MW-16
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/05/06	08/29/06	06/03/05	05/03/06	08/23/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10			NA	1 J	
n-Propylbenzene	UG/L	5			NA		
sec-Butylbenzene	UG/L	5			NA		
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5				120	
Toluene	UG/L	5				1 J	
Trichloroethene	UG/L	5				14	
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5				1 J	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

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NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-17	MW-17	MW-17	MW-17	MW-18
Sample ID			MW-17	MW-17	MW-17DUP	MW-17	MW-18
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/03/05	05/08/06	05/08/06	08/23/06	05/01/06
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	NA				
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5				3 J	4 J
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	NA				
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5	NA				
Acetone	UG/L	50			3 J		26 J
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7	12				
Cyclohexane	UG/L	50		NA	NA	NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5	NA				
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50		NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50		NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-17	MW-17	MW-17	MW-17	MW-18
Sample ID			MW-17	MW-17	MW-17DUP	MW-17	MW-18
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/03/05	05/08/06	05/08/06	08/23/06	05/01/06
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
Naphthalene	UG/L	10	NA				
n-Propylbenzene	UG/L	5	NA				
sec-Butylbenzene	UG/L	5	NA				
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	38			2 J	
Toluene	UG/L	5					1 J
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-18	MW-19	MW-19	MW-20	MW-20
Sample ID			MW-18	MW-19	MW-19	MW-20	MW-20
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/22/06	05/08/06	08/22/06	05/08/06	08/29/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	1 J				
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	3 J	9	5		
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	1 J				
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50	15	4 J			
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60		3 J			
Chloroform	UG/L	7					2 J
Cyclohexane	UG/L	50	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50	7				
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50	NA	NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-18	MW-19	MW-19	MW-20	MW-20
Sample ID			MW-18	MW-19	MW-19	MW-20	MW-20
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/22/06	05/08/06	08/22/06	05/08/06	08/29/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10					
n-Propylbenzene	UG/L	5					
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-21	MW-21	MW-22	MW-22	MW-23
Sample ID			MW-21	MW-21	MW-22	MW-22	MW-23
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/03/06	08/22/06	05/05/06	08/25/06	05/05/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	4 J	19			
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	53	17	18	3 J	3 J
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	1 J	5			
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50	22 J	14	3 J		3 J
Benzene	UG/L	1	3 J	91			
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60	2 J				
Chloroform	UG/L	7					
Cyclohexane	UG/L	50	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1 J	50			
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5		2 J			
Methyl acetate	UG/L	50	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50		29			
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50	NA	NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-21	MW-21	MW-22	MW-22	MW-23
Sample ID			MW-21	MW-21	MW-22	MW-22	MW-23
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/03/06	08/22/06	05/05/06	08/25/06	05/05/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10	1 J	19			
n-Propylbenzene	UG/L	5		1 J			
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	140		1 J	1 J	
Toluene	UG/L	5	1 J	54			
Trichloroethene	UG/L	5	22				
Vinyl chloride	UG/L	2	6	2 J			
Xylene (total)	UG/L	5	7	220			

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-23	MW-24	MW-24	MW-25	MW-25
Sample ID			MW-23	MW-24	MW-24	MW-25	MW-25
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/25/06	05/05/06	08/25/06	05/08/06	08/25/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5					
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	2 J			32	2 J
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5					
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50		2 J			
Benzene	UG/L	1					
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7			3 J		
Cyclohexane	UG/L	50	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50	NA	NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-23	MW-24	MW-24	MW-25	MW-25
Sample ID			MW-23	MW-24	MW-24	MW-25	MW-25
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/25/06	05/05/06	08/25/06	05/08/06	08/25/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10					
n-Propylbenzene	UG/L	5					
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	1 J			62	8
Toluene	UG/L	5					
Trichloroethene	UG/L	5	1 J			35	3 J
Vinyl chloride	UG/L	2				1 J	
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-26	MW-26	MW-26	MW-27	MW-27
Sample ID			MW-26	BD-02	MW-26	MW-27	MW-27
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/05/06	08/25/06	08/25/06	05/02/06	08/23/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5					
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5	4 J	2 J		12	19
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5					
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50					
Benzene	UG/L	1					22
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7		1 J	1 J		
Cyclohexane	UG/L	50	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5					
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					
Methyl acetate	UG/L	50	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10				2 J	3 J
Methylcyclohexane	UG/L	50	NA	NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-26	MW-26	MW-26	MW-27	MW-27
Sample ID			MW-26	BD-02	MW-26	MW-27	MW-27
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/05/06	08/25/06	08/25/06	05/02/06	08/23/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Naphthalene	UG/L	10					
n-Propylbenzene	UG/L	5					
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5	3 J		3 J		
Toluene	UG/L	5				1 J	
Trichloroethene	UG/L	5	3 J	2 J	2 J		1 J
Vinyl chloride	UG/L	2					5
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

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TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-28	MW-28	MW-29	MW-29	MW-30
Sample ID			MW-28	MW-28	MW-29	MW-29	MW-30
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/04/06	08/29/06	05/04/06	08/28/06	05/04/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5					2 J
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5				1 J	
1,2-Dichloroethene (trans)	UG/L	5					
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5					
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50					
Benzene	UG/L	1					2 J
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5					5
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5					23
Methyl acetate	UG/L	50	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50					
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50	NA	NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-28	MW-28	MW-29	MW-29	MW-30
Sample ID			MW-28	MW-28	MW-29	MW-29	MW-30
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/04/06	08/29/06	05/04/06	08/28/06	05/04/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Naphthalene	UG/L	10			1 J		8
n-Propylbenzene	UG/L	5					10
sec-Butylbenzene	UG/L	5					1 J
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5				2 J	
Toluene	UG/L	5					
Trichloroethene	UG/L	5					
Vinyl chloride	UG/L	2					
Xylene (total)	UG/L	5					4 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-30	MW-30	MW-31	MW-31	MW-31
Sample ID			MW-30DUP	MW-30	MW-31	MW-31DUP	MW-31
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/04/06	08/25/06	05/05/06	05/05/06	08/22/06
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)			Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1-Dichloroethene	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	4 J	14	2 J	2 J	9
1,2-Dichlorobenzene	UG/L	3					
1,2-Dichloroethene (cis)	UG/L	5			8	8	380 D
1,2-Dichloroethene (trans)	UG/L	5					8
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	1 J	7	1 J	1 J	3 J
1,3-Dichlorobenzene	UG/L	3					
4-Isopropyltoluene (p-Cymene)	UG/L	5					
Acetone	UG/L	50			31 J	36 J	56
Benzene	UG/L	1	2 J	1 J			
Bromodichloromethane	UG/L	50					
Carbon disulfide	UG/L	60					
Chloroform	UG/L	7					
Cyclohexane	UG/L	50	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	5	13			1 J
Hexachlorobutadiene	UG/L	0.5					
Isopropylbenzene (Cumene)	UG/L	5	21	10			
Methyl acetate	UG/L	50	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/L	50			5 J	5 J	
Methyl tert-butyl ether	UG/L	10					
Methylcyclohexane	UG/L	50	NA	NA	NA	NA	NA
Methylene chloride	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER SAMPLES - ALL SAMPLE EVENTS
1ST AVENUE AND EAST 90TH STREET

Location ID			MW-30	MW-30	MW-31	MW-31	MW-31
Sample ID			MW-30DUP	MW-30	MW-31	MW-31DUP	MW-31
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/04/06	08/25/06	05/05/06	05/05/06	08/22/06
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)			Field Duplicate (1-1)	
Volatile Organic Compounds							
Naphthalene	UG/L	10	8	19			2 J
n-Propylbenzene	UG/L	5	9	4 J			
sec-Butylbenzene	UG/L	5					
Styrene	UG/L	5					
Tetrachloroethene	UG/L	5			7	6	180 D
Toluene	UG/L	5					
Trichloroethene	UG/L	5			4 J	4 J	350 D
Vinyl chloride	UG/L	2					2 J
Xylene (total)	UG/L	5	6	16	3 J	3 J	11

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Blank - Not Detected. J - The reported concentration is an estimated value. D - Result reported from a separate secondary dilution analysis.
NA - Not Analyzed.

Only Detected Results Reported.

TABLE 4
STATISTICAL SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER - AUGUST 2006 SAMPLES
1ST AVENUE AND EAST 90TH STREET

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections			No. Exceed	Location of Max Value
					Min	Max	Avg		
Volatile Organic Compounds									
1,1-Dichloroethene	UG/L	5	30	1	1.00	1.00	1.00	0	MW-10
1,2,4-Trimethylbenzene	UG/L	5	30	7	1.00	3,700	639.0	6	MW-13
1,2-Dichloroethene (cis)	UG/L	5	30	17	1.00	470.0	65.25	9	MW-08
1,2-Dichloroethene (trans)	UG/L	5	30	1	8.00	8.00	8.00	1	MW-31
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	30	7	1.00	1,300	204.0	4	MW-13
4-Isopropyltoluene (p-Cymene)	UG/L	5	30	1	15.00	15.00	15.00	1	MW-13
Acetone	UG/L	50	30	4	14.00	170.0	63.75	2	MW-13
Benzene	UG/L	1	30	7	1.00	1,000	170.3	7	MW-13
Chloroform	UG/L	7	30	5	1.00	3.00	1.95	0	MW-24
Ethylbenzene	UG/L	5	30	6	1.00	1,100	227.2	5	MW-13
Hexachlorobutadiene	UG/L	0.5	30	1	2.00	2.00	2.00	1	MW-01
Isopropylbenzene (Cumene)	UG/L	5	30	5	2.00	69.00	28.00	4	MW-13
Methyl ethyl ketone (2-Butanone)	UG/L	50	30	2	7.00	29.00	18.00	0	MW-21
Methyl tert-butyl ether	UG/L	10	30	9	1.00	1.90E+04	2,141	5	MW-13
Naphthalene	UG/L	10	30	8	2.00	450.0	140.1	5	MW-13
n-Propylbenzene	UG/L	5	30	4	1.00	110.0	30.75	2	MW-13
sec-Butylbenzene	UG/L	5	30	2	2.00	5.00	3.50	1	MW-12

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 4
STATISTICAL SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER - AUGUST 2006 SAMPLES
1ST AVENUE AND EAST 90TH STREET

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections			No. Exceed	Location of Max Value
					Min	Max	Avg		
Volatile Organic Compounds									
Styrene	UG/L	5	30	1	20.00	20.00	20.00	1	MW-09
Tetrachloroethene	UG/L	5	30	16	1.00	9,600	1,150	8	MW-08
Toluene	UG/L	5	30	5	1.00	2,400	500.2	4	MW-13
Trichloroethene	UG/L	5	30	9	1.00	620.0	164.4	4	MW-08
Vinyl chloride	UG/L	2	30	5	2.00	5.00	3.20	5	MW-27
Xylene (total)	UG/L	5	30	8	1.00	1.30E+04	2,188	6	MW-13

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 5
GROUNDWATER ELEVATION MEASUREMENTS
1ST AVENUE AND EAST 90TH STREET

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-01	6026.66577	3889.46594	30.24	30.24	29.79	O						
MNW							1/10/2005 0000	16.42	13.37	0.01	13.38	
MNW							6/1/2005 0000	16.03	13.76	0.00	13.76	
MNW							5/4/2006 1425	15.90	13.89	0.00	13.89	
MNW							8/21/2006 0000	15.88	13.91	0.00	13.91	
MW-02	6109.76887	3939.27101	27.91	27.91	27.68	O						
MNW							1/10/2005 0000	15.57	12.11	0.00	12.11	
MNW							6/1/2005 0000	15.32	12.36	0.00	12.36	
MNW							5/4/2006 1315	15.25	12.43	0.00	12.43	
MNW							8/21/2006 0000	15.08	12.60	0.00	12.60	
MW-03	5840.97729	3787.71076	35.09	35.09	34.86	O						
MNW							1/10/2005 0000	17.62	17.24	0.00	17.24	
MNW							6/1/2005 0000	15.90	18.96	0.00	18.96	
MNW							5/5/2006 1015	15.60	19.26	0.00	19.26	
MNW							8/21/2006 0000	15.41	19.45	0.00	19.45	
MW-04	6247.10427	3804.81242	35.32	35.32	35.17	O						
MNW							1/10/2005 0000	22.51	12.66	0.00	12.66	
MNW							6/1/2005 0000	22.75	12.42	0.00	12.42	
MNW							5/4/2006 1200	22.65	12.52	0.00	12.52	
MNW							8/21/2006 0000	22.36	12.81	0.00	12.81	
MW-05	5783.87320	4101.15042	29.23	29.23	28.87	O						
MNW							1/10/2005 0000	16.70	12.17	0.00	12.17	
MNW							6/1/2005 0000	16.71	12.16	0.00	12.16	
MNW							5/8/2006 0830	18.28	10.59	0.00	10.59	
MNW							8/21/2006 0000	17.25	11.62	0.00	11.62	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone: O = Overburden B = Bedrock

TABLE 5
GROUNDWATER ELEVATION MEASUREMENTS
1ST AVENUE AND EAST 90TH STREET

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-06	5521.72375	4380.56641	28.07	28.07	27.81	B						
MNW							1/10/2005 0000	10.64	17.17	0.00	17.17	
MNW							6/1/2005 0000	10.77	17.04	0.00	17.04	
MNW							5/3/2006 1015	11.05	16.76	0.00	16.76	
MNW							8/21/2006 0000	10.72	17.09	0.00	17.09	
MW-07	5329.24211	4272.77919	32.08	32.08	31.48	B						
MNW							1/10/2005 0000	12.88	18.60	0.00	18.60	
MNW							6/1/2005 0000	12.93	18.55	0.00	18.55	
MNW							5/3/2006 1110	12.75	18.73	0.00	18.73	
MNW							8/21/2006 0000	12.73	18.75	0.00	18.75	
MW-08	5204.27179	4204.04778	34.77	34.77	34.14	B						
MNW							1/10/2005 0000	14.02	20.12	0.00	20.12	
MNW							6/1/2005 0000	14.01	20.13	0.00	20.13	
MNW							5/3/2006 1200	13.65	20.49	0.00	20.49	
MNW							8/21/2006 0000	13.47	20.67	0.00	20.67	
MW-09	5259.10060	4329.46933	32.43	32.43	32.24	B						
MNW							1/10/2005 0000	15.38	16.86	0.00	16.86	
MNW							6/1/2005 0000	15.59	16.65	0.00	16.65	
MNW							5/2/2006 1205	14.85	17.39	0.00	17.39	
MNW							8/21/2006 0000	15.25	16.99	0.00	16.99	
MW-10	5299.49200	4351.88948	31.45	31.45	31.22	B						
MNW							1/10/2005 0000	13.54	17.68	0.00	17.68	
MNW							6/1/2005 0000	13.43	17.79	0.00	17.79	
MNW							5/2/2006 1305	13.55	17.67	0.00	17.67	
MNW							8/21/2006 0000	12.93	18.29	0.00	18.29	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone: O = Overburden B = Bedrock

TABLE 5
GROUNDWATER ELEVATION MEASUREMENTS
1ST AVENUE AND EAST 90TH STREET

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-11	5317.24676	4390.09620	30.52	30.52	30.37	B						
MNW							1/10/2005 0000	13.04	17.33	0.00	17.33	
MNW							6/1/2005 0000	12.92	17.45	0.00	17.45	
MNW							5/2/2006 1420	11.97	18.40	0.00	18.40	
MNW							8/21/2006 0000	NM	-	NM	-	
MW-12	5295.53730	4428.69683	29.96	29.96	29.79	B						
MNW							1/10/2005 0000	12.40	17.39	0.00	17.39	
MNW							6/1/2005 0000	12.51	17.28	0.00	17.28	
MNW							5/2/2006 1535	12.03	17.76	0.00	17.76	
MNW							8/21/2006 0000	12.21	17.58	0.00	17.58	
MW-13	5184.23262	4629.24212	26.37	26.37	26.12	B						
MNW							6/1/2005 0000	9.15	16.97	0.00	16.97	
MNW							5/3/2006 0825	7.89	18.23	0.00	18.23	
MNW							8/21/2006 0000	9.78	16.34	0.00	16.34	
MW-14	5473.68753	4652.17353	23.12	23.12	22.78	B						
MNW							6/1/2005 0000	9.97	12.81	0.00	12.81	
MNW							5/5/2006 1420	10.51	12.27	0.00	12.27	
MNW							8/21/2006 0000	10.45	12.33	0.00	12.33	
MW-15	5391.92154	4871.99432	18.84	18.84	18.59	B						
MNW							6/1/2005 0000	15.54	3.05	0.00	3.05	
MNW							5/5/2006 1330	15.00	3.59	0.00	3.59	
MNW							8/21/2006 0000	15.01	3.58	0.00	3.58	
MW-16	4994.58268	3979.74151	40.86	40.86	40.65	B						
MNW							6/1/2005 0000	10.87	29.78	0.00	29.78	
MNW							5/3/2006 1355	10.35	30.30	0.00	30.30	
MNW							8/21/2006 0000	10.27	30.38	0.00	30.38	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone: O = Overburden B = Bedrock

TABLE 5
GROUNDWATER ELEVATION MEASUREMENTS
1ST AVENUE AND EAST 90TH STREET

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-17	5070.25647	4299.90425	34.68	34.68	34.40	B						
MNW							6/1/2005 0000	12.52	21.88	0.00	21.88	
MNW							5/8/2006 0955	12.60	21.80	0.00	21.80	
MNW							8/21/2006 0000	11.99	22.41	0.00	22.41	
MW-18	5053.32780	4121.70200	37.81	37.81	37.61	B						
MNW							5/1/2006 1205	10.43	27.18	0.00	27.18	
MNW							8/21/2006 0000	9.61	28.00	0.00	28.00	
MW-19	4856.24330	4154.05460	39.22	39.22	38.75	B						
MNW							5/8/2006 0905	6.80	31.95	0.00	31.95	
MNW							8/21/2006 0000	6.89	31.86	0.00	31.86	
MW-20	5461.64180	3603.49040	43.89	43.89	43.73	B						
MNW							5/8/2006 1130	11.70	32.03	0.00	32.03	
MNW							8/21/2006 0000	11.12	32.61	0.00	32.61	
MW-21	5159.29830	4143.28600	36.80	36.80	36.61	B						
MNW							5/3/2006 1300	15.10	21.51	0.00	21.51	
MNW							8/21/2006 0000	8.54	28.07	0.00	28.07	
MW-22	5690.04460	3732.87900	38.47	38.47	38.29	B						
MNW							5/5/2006 1120	15.61	22.68	0.00	22.68	
MNW							8/21/2006 0000	14.12	24.17	0.00	24.17	
MW-23	5566.95080	3955.83440	34.83	34.83	34.71	B						
MNW							5/5/2006 1210	20.68	14.03	0.00	14.03	
MNW							8/21/2006 0000	20.52	14.19	0.00	14.19	
MW-24	5531.78870	4092.57270	32.70	32.70	32.53	O						
MNW							5/5/2006 1240	14.45	18.08	0.00	18.08	
MNW							8/21/2006 0000	14.54	17.99	0.00	17.99	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone: O = Overburden B = Bedrock

TABLE 5
GROUNDWATER ELEVATION MEASUREMENTS
1ST AVENUE AND EAST 90TH STREET

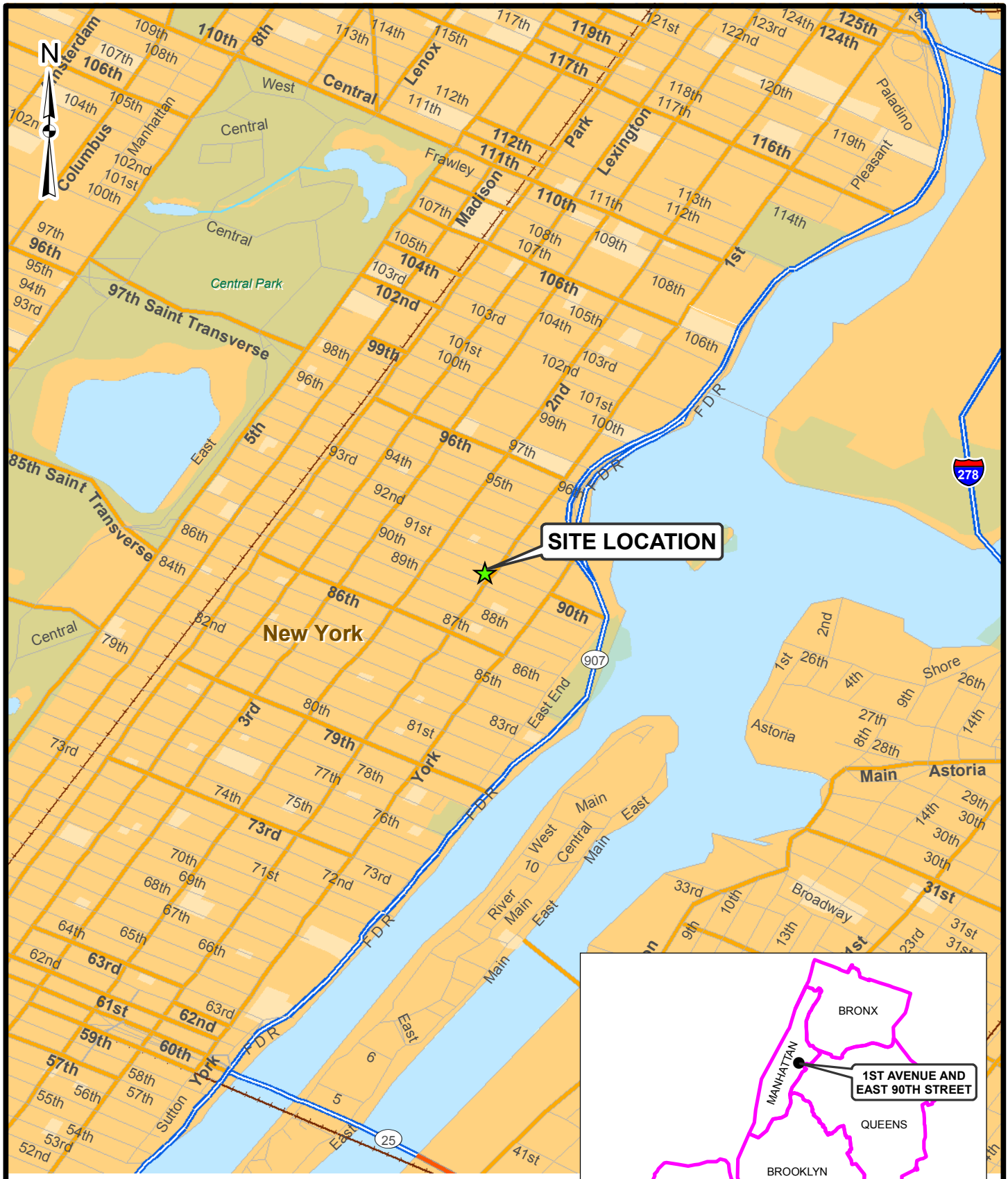
Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-25	5607.61560	3573.95530	43.03	43.03	42.63	O						
MNW							5/8/2006 1240	11.00	31.63	0.00	31.63	
MNW							8/21/2006 0000	10.65	31.98	0.00	31.98	
MW-26	5781.10950	3646.10660	40.59	40.59	40.05	B						
MNW							5/5/2006 1040	14.00	26.05	0.00	26.05	
MNW							8/21/2006 0000	13.86	26.19	0.00	26.19	
MW-27	5189.10610	4284.66020	33.86	33.86	33.57	B						
MNW							5/2/2006 1100	10.95	22.62	0.00	22.62	
MNW							8/21/2006 0000	10.79	22.78	0.00	22.78	
MW-28	6254.98100	3924.19240	26.86	26.86	26.54	B						
MNW							5/4/2006 1010	16.60	9.94	0.00	9.94	
MNW							8/21/2006 0000	16.48	10.06	0.00	10.06	
MW-29	6198.08610	3882.46230	29.83	29.83	29.56	O						
MNW							5/4/2006 1110	17.30	12.26	0.00	12.26	
MNW							8/21/2006 0000	17.18	12.38	0.00	12.38	
MW-30	6213.10720	3991.72510	24.85	24.85	23.93	O						
MNW							5/4/2006 0925	13.20	10.73	0.00	10.73	
MNW							8/21/2006 0000	13.26	10.67	0.00	10.67	
MW-31	4905.94100	4027.84160	40.34	40.34	40.14	B						
MNW							5/5/2006 0910	12.45	27.69	0.00	27.69	
MNW							8/21/2006 0000	12.79	27.35	0.00	27.35	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone: O = Overburden B = Bedrock



Source: ArcGIS 9 Data and Maps

2,000 0 2,000 Feet

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7/12/2006

URS

1ST AVENUE AND EAST 90TH STREET
SITE LOCATION MAP

FIGURE 1

N

EAST 92ND STREET

EAST 91ST STREET

EAST 90TH STREET

EAST 89TH STREET

EAST 88TH STREET

2ND AVENUE

1ST AVENUE

YORK AVENUE

EAST RIVER

FDR DRIVE

SECURITY GATE AND FENCE

CHURCH OF THE HOLY TRINITY

Legend

- Edge of Curb
- Building
- Fence

0 75 150 300 Feet

1ST AVENUE & 90TH STREET
SITE PLAN

URS

FIGURE 2

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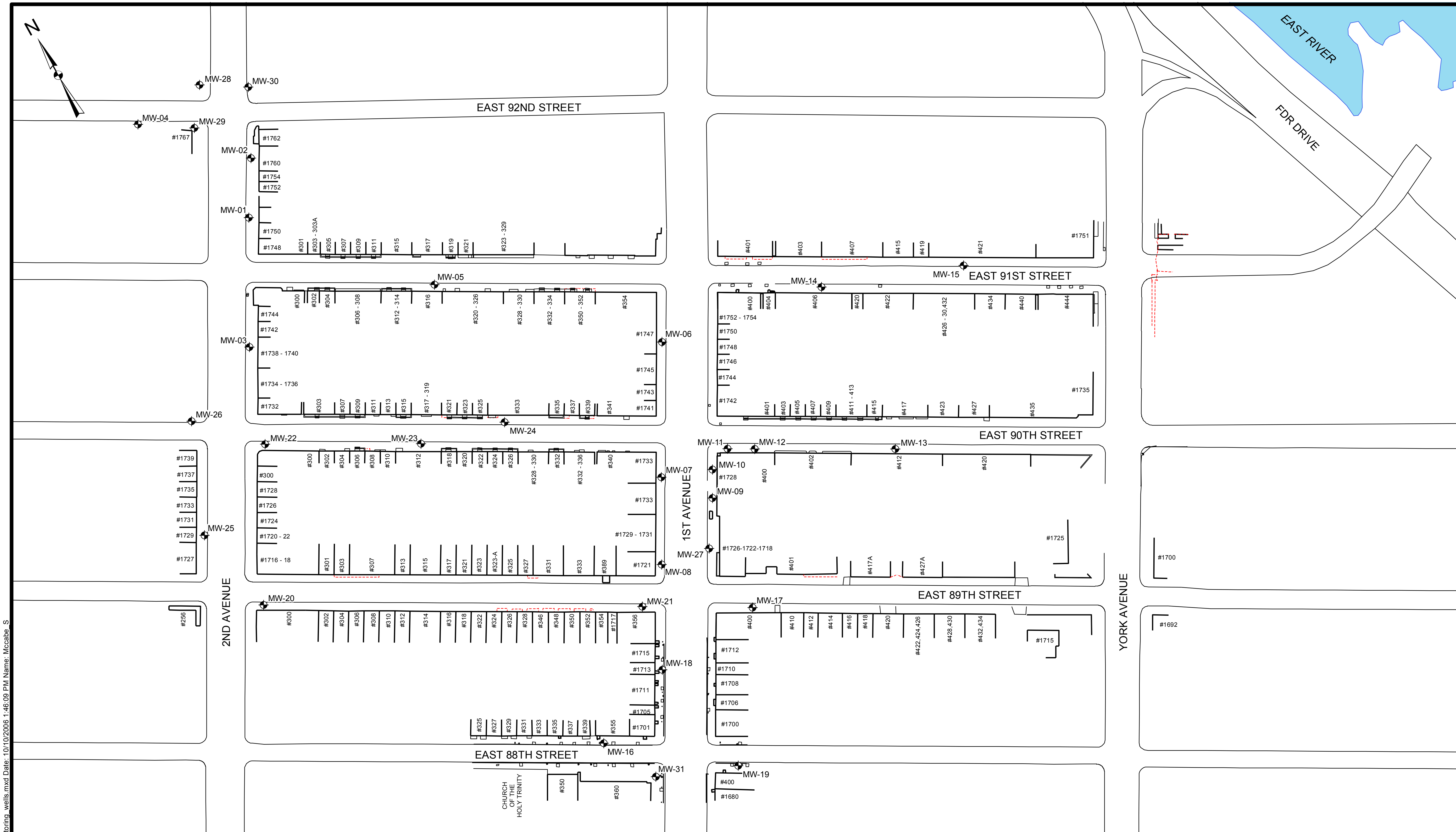

Legend

Monitoring Well

1ST AVENUE & 90TH STREET
MONITORING WELL LOCATIONS

URS

FIGURE 3

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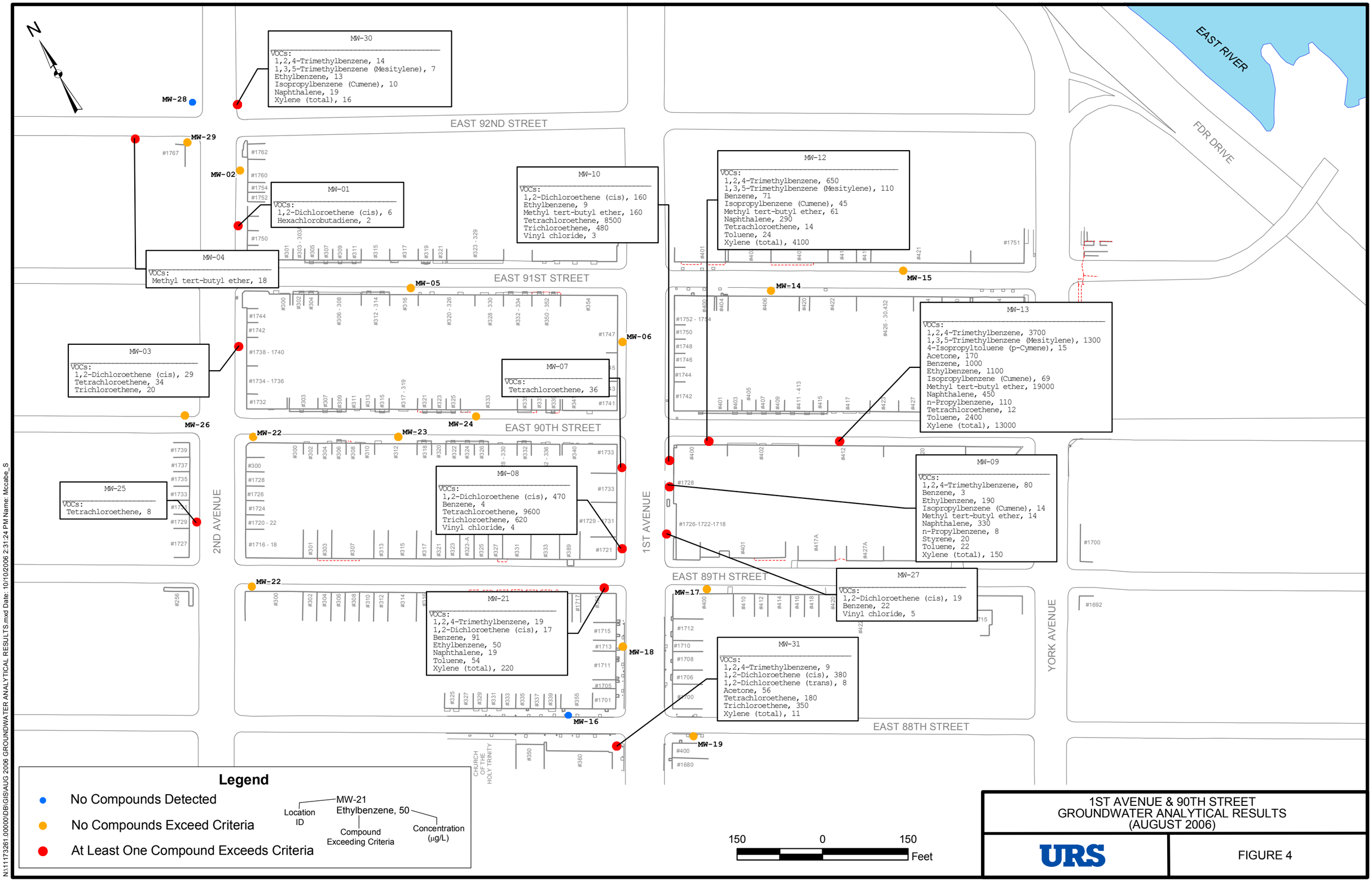

1ST AVENUE & 90TH STREET
GROUNDWATER ANALYTICAL RESULTS
(AUGUST 2006)

URS

FIGURE 4

N:\11173261.0000\DB\GIS\AUG 2006 GROUNDWATER ANALYTICAL RESULTS.mxd Date: 10/10/2006 2:31:24 PM Name: Mccabe_S

N

EAST RIVER

FDR DRIVE

EAST 92ND STREET

MW-04, ND

MW-02, 6

MW-01, ND

EAST 91ST STREET

MW-05, 3 UG/L

MW-03, 140

MW-06, 6

EAST 90TH STREET

MW-11, 1

MW-12, 2

MW-10, 8,300

MW-09, ND

MW-07, ND

MW-08, 12,000

1ST AVENUE

2ND AVENUE

EAST 89TH STREET

EAST 88TH STREET

YORK AVENUE

CHURCH OF THE HOLY TRINITY

10

100

1,000

10,000

Legend

- Monitoring Well
  - Location ID: MW-08, 12,000
  - Concentration (µg/L): MW-08, 12,000

Tetrachloroethene Isoconcentration Contours:

- 10 µg/L
- 100 µg/L
- 1,000 µg/L
- 10,000 µg/L

ND - Not Detected

150 0 150 Feet

1ST AVENUE & 90TH STREET TETRACHLOROETHENE CONTAMINATION (JANUARY 2005)

URS

FIGURE 5

N:\11173261.00000\DB\GIS\PCE_JANUARY 2005.mxd Date: 10/17/2006 9:10:43 AM Name: Mccabe_S

N

EAST RIVER

FDR DRIVE

EAST 92ND STREET

EAST 91ST STREET

EAST 90TH STREET

EAST 89TH STREET

EAST 88TH STREET

1ST AVENUE

2ND AVENUE

YORK AVENUE

MW-04, ND

MW-02, 1

MW-01, ND

MW-05, ND

MW-03, 36

MW-06, ND

MW-14, ND

MW-15,-ND

MW-11, 1

MW-12, ND

MW-13, ND

MW-10, 11,000

MW-09, ND

MW-07, ND

MW-08, 24,000

MW-17, 38

MW-16, ND

10

100

1000

CHURCH OF THE HOLY TRINITY

Legend

- Monitoring Well
  - MW-08, 24,000
    - Location ID
    - Concentration (µg/L)

Tetrachloroethene Isoconcentration Contours:

- 10 µg/L
- 100 µg/L
- 1,000 µg/L
- 10,000 µg/L

ND - Not Detected

150 0 150 Feet

1ST AVENUE & 90TH STREET TETRACHLOROETHENE CONTAMINATION (JUNE 2005)

URS

FIGURE 6

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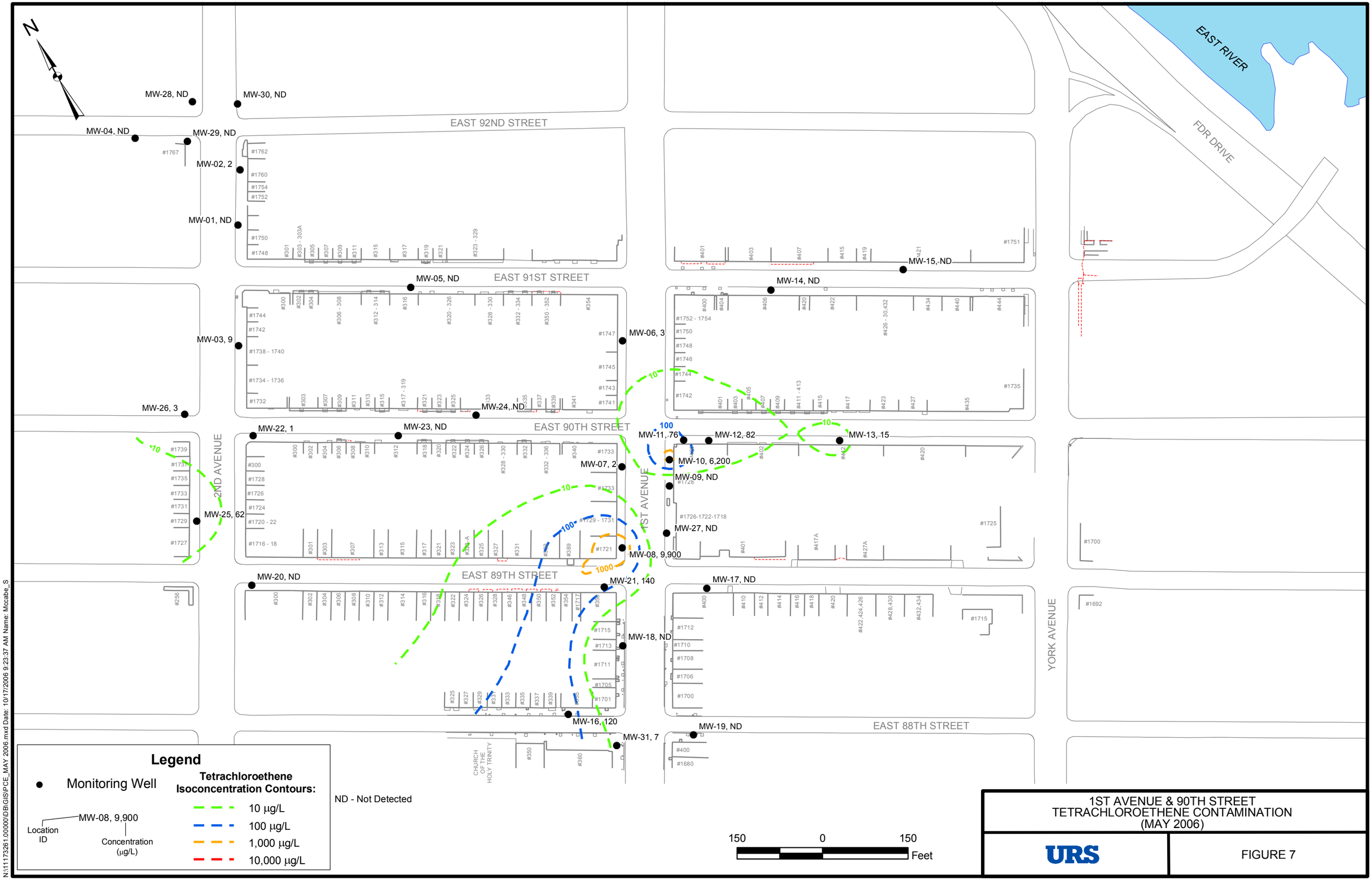

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1ST AVENUE & 90TH STREET
TETRACHLOROETHENE CONTAMINATION
(MAY 2006)

URS

FIGURE 7

N

MW-28, ND

MW-30, ND

EAST 92ND STREET

MW-04, 1

MW-29, 2

#1767

MW-02, 2

#1762
#1760
#1754
#1752

MW-01, ND

#1750
#1748

#301 #303 - 303A #305 #307 #309 #311 #315 #317 #319 #321 #323 - 329

#1751

#401 #403 #407 #415 #419 #421

MW-15, ND

EAST 91ST STREET

MW-05, ND

MW-14, ND

#300 #302 #304 #306 - 308 #312 - 314 #316 #320 - 326 #328 - 330 #332 - 334 #350 - 352 #354

#1744
#1742
#1738 - 1740
#1734 - 1736
#1732

#303 #307 #309 #311 #313 #315 #317 - 319 #321 #323 #325 #333 #335 #337 #339 #341

#1747
#1745
#1743
#1741

#400 #404 #406 #420 #422 #426 - 30,432 #434 #440 #444

#1752 - 1754
#1750
#1748
#1746
#1744
#1742

#401 #403 #405 #407 #409 #411 - 413 #415 #417 #423 #427 #435

#1735

MW-03, 34

10

MW-06, 1

MW-26, 3

MW-24, ND

100

1000

EAST 90TH STREET

MW-22, 1

MW-23, 1

MW-12, 14

MW-13, 12

#1739
#1737
#1735
#1733
#1731
#1729
#1727

2ND AVENUE

MW-25, 8

#300 #302 #304 #306 #308 #310 #312 #318 #320 #322 #324 #326 #328 - 330 #332 #332 - 336 #340

#300
#1728
#1726
#1724
#1720 - 22
#1716 - 18

#301 #303 #307 #313 #315 #317 #321 #323 #323-A #325 #327 #331 #333 #900

#1733
#1733

MW-07, 36

MW-10, 8,500

#402 #412 #420

10

MW-09, ND

#1728

MW-27, ND

#1726-1722-1718

#401 #417A #427A

#1725

1ST AVENUE

100

1000

MW-08, 9,600

#1700

MW-20, ND

MW-21, ND

EAST 89TH STREET

MW-17, 2

#256

#300 #302 #304 #306 #308 #310 #312 #314 #316 #318 #322 #324 #326 #328 #346 #348 #350 #352 #354 #1717 #356

#1715
#1713
#1711
#1705
#1701

#325 #327 #329 #331 #333 #335 #337 #339 #355

#400 #410 #412 #414 #416 #418 #420 #422, 424, 426 #428, 430 #432, 434

#1715

#1712
#1710
#1708
#1706
#1700

MW-18, ND

YORK AVENUE

#1692

MW-16, ND

MW-19, ND

EAST 88TH STREET

MW-31, 180

CHURCH OF THE HOLY TRINITY

#360 #350

#400
#1680

100

10

EAST RIVER

FDR DRIVE

Legend

- Monitoring Well
  - Location ID: MW-08, 9,600
  - Concentration (µg/L)

Tetrachloroethene Isoconcentration Contours:

- 10 µg/L
- 100 µg/L
- 1,000 µg/L
- 10,000 µg/L

ND - Not Detected

150 0 150 Feet

1ST AVENUE & 90TH STREET TETRACHLOROETHENE CONTAMINATION (AUGUST 2006)

URS

FIGURE 8

N:\11173261.00000\DB\GIS\PCE_AUG 2006.mxd Date: 10/10/2006 3:35:04 PM Name: Mcabe_S

N

EAST RIVER

FDR DRIVE

EAST 92ND STREET

EAST 91ST STREET

EAST 90TH STREET

EAST 89TH STREET

EAST 88TH STREET

1ST AVENUE

2ND AVENUE

YORK AVENUE

MW-28, 10.06

MW-30, 10.67

MW-29, 12.38

MW-04, 12.81

MW-02, 12.6

MW-01, 13.91

MW-05, 11.62

MW-15, 3.58

MW-14, 12.33

MW-03, 19.45

MW-06, 17.09

MW-26, 26.19

MW-24, 17.99

MW-22, 24.17

MW-23, 14.19

MW-11, NM

MW-12, 17.58

MW-13, 16.34

MW-10, 18.29

MW-09, 16.99

MW-07, 18.75

MW-27, 22.78

MW-25, 31.98

MW-08, 20.67

MW-20, 32.61

MW-21, 28.07

MW-17, 22.41

MW-18, 28

MW-16, 30.38

MW-31, 27.35

MW-19, 31.86

CHURCH OF THE HOLY TRINITY

Legend

- Monitoring Well
- Groundwater Elevation Contour (14)
- Groundwater Flow Direction
- MW-21, 28.07 (Location ID / Groundwater Elevation (feet))

NOTES:
(1) Groundwater elevations are taken from the upper, unconfined water bearing zone (i.e. overburden and fractured bedrock).
(2) NM - Not Measured.

150 0 150 Feet

1ST AVENUE & 90TH STREET GROUNDWATER ELEVATION CONTOUR MAP AUGUST 21, 2006

URS

FIGURE 9

N:\11\73261.00000\DB\GIS\20060821 GROUNDWATER CONTOURS.mxd Date: 10/10/2006 1:22:59 PM Name: Mccabe_S

ATTACHMENT A

PURGE LOGS

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-01

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 13:45

DATE(S): 8/28/2006

STOP: 14:25

SAMPLE: 14:30

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	25.00	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	15.90	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	9.10	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.55	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	4.6	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1345	1350	1355	1400	1405	1410	1415	1420	1425		
pH	7.00	6.77	6.72	6.70	6.70	6.70	6.69	6.70	6.70		
SPEC. COND. (umhos)	2.100	2.130	2.000	1.910	1.860	1.810	1.830	1.790	1.770		
TEMPERATURE (°C)	22.6	22.3	22.5	22.7	22.7	22.8	22.7	22.7	22.7		
TURBIDITY (NTU)	296	169	159	142	100	73	44	44	47		
DISSOLVED OXYGEN	6.82	4.08	1.94	1.02	0.72	0.44	0.35	0.32	0.31		
Depth to Water	15.90	16.05	16.21	16.24	16.30	16.31	16.31	16.30	16.32		

COMMENTS:
Peristaltic pump and flow-through meter. Sampling with disposable bailer.
Sample MW-01 at 1430
Marix Spike/Matrix Spike Duplicate sample collected

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-02

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 13:00

DATE(S): 5/4/2006

STOP: 13:20

SAMPLE: 13:25

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	24.65	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	15.04	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	9.61	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.63	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	4.9	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	3	8"	2.60

TIME	1300	1305	1310	1315	1320						
pH	7.01	6.76	6.66	6.64	6.65						
SPEC. COND. (umhos)	4.350	4.700	4.810	4.840	4.830						
TEMPERATURE (°C)	22.5	22.0	21.9	21.9	21.9						
TURBIDITY (NTU)	74	38	20	33	31						
DISSOLVED OXYGEN	8.58	2.45	0.00	0.00	0.00						
Depth to Water	15.04	15.42	15.61	15.72	15.81						

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-02 at 1325

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-03

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 11:30

DATE(S): 8/28/2006

STOP: 11:55

SAMPLE: 12:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	28.70	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	15.44	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	13.26	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.25	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	6.8	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1130	1135	1140	1145	1150	1155					
pH	7.46	6.40	6.33	6.32	6.32	6.31					
SPEC. COND. (umhos)	5.620	5.520	5.450	5.370	5.330	5.300					
TEMPERATURE (°C)	20.2	19.3	19.4	19.5	19.6	19.7					
TURBIDITY (NTU)	171	117	57	49	45	37					
DISSOLVED OXYGEN	5.61	0.00	0.00	0.00	0.00	0.00					
Depth to Water	15.44	16.07	16.23	16.31	16.33	16.39					

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-03 at 1200

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-04

PROJECT NO.:

Page: 1 of 2

STAFF: Michael Murphy, Camila Miranda

START: 11:18

DATE(S): 8/28/2006

STOP: 12:28

SAMPLE: 12:30

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	31.62	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	21.10	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	10.52	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.79	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.4	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	10	8"	2.60

TIME	1118	1123	1128	1133	1138	1143	1148	1153	1158	1203	1208
pH	6.63	6.33	6.33	6.35	6.38	6.40	6.43	6.45	6.46	6.46	6.47
SPEC. COND. (umhos)	7.250	7.060	6.810	6.640	6.430	6.200	6.060	5.890	5.780	5.700	5.630
TEMPERATURE (°C)	22.2	21.2	21.2	21.1	21.1	21.0	21.0	21.0	21.0	21.0	20.9
TURBIDITY (NTU)	121	83	61	39	27	22	14	11	7	5	2
DISSOLVED OXYGEN	9.460	5.600	3.770	2.960	2.480	2.180	1.91	1.65	1.37	1.24	1.07
Depth to Water	21.10	21.35	21.38	21.37	21.37	21.37	21.38	21.38	21.37	21.35	21.35

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-04 at 1230

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-04

PROJECT NO.:

Page: 2 of 2

STAFF: Michael Murphy, Camila Miranda

START: 11:18

DATE(S): 8/28/2006

STOP: 12:28

SAMPLE: 12:30

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	31.62	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	21.10	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	10.52	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.79	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.4	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	10	8"	2.60

TIME	1213	1218	1223	1228							
pH	6.48	6.48	6.49	6.49							
SPEC. COND. (umhos)	5.550	5.490	5.430	5.410							
TEMPERATURE (°C)	20.9	21.0	21.0	20.9							
TURBIDITY (NTU)	2	0	0	0							
DISSOLVED OXYGEN	0.940	0.850	0.790	0.790							
Depth to Water	21.35	21.35	21.35	21.35							

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-04 at 1230

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-05

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 10:17

DATE(S): 8/28/2006

STOP: 10:42

SAMPLE: 10:45

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	19.06	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	16.84	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	2.22	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	0.38	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	1.1	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	3	8"	2.60

TIME	1017	1022	1027	1032	1037	1042					
pH	7.52	7.21	7.16	7.17	7.18	7.19					
SPEC. COND. (umhos)	0.000	0.889	0.790	0.783	0.779	0.779					
TEMPERATURE (°C)	23.0	23.6	23.5	23.5	23.6	23.6					
TURBIDITY (NTU)	182	20	0	0	0	0					
DISSOLVED OXYGEN	5.62	1.95	0.35	0.00	0.00	0.00					
Depth to Water	16.84	16.81	16.81	16.82	16.81	16.81					

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-05 at 1045

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-06

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 12:15

DATE(S): 8/24/2006

STOP: 12:30

SAMPLE: 12:35

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	31.70	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	11.05	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	20.65	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	3.51	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	10.5	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1215	1220	1225	1230							
pH	6.63	6.61	6.60	6.59							
SPEC. COND. (umhos)	6.510	5.720	5.570	5.480							
TEMPERATURE (°C)	22.6	21.2	22.6	23.7							
TURBIDITY (NTU)	70	44	40	33							
DISSOLVED OXYGEN	0.00	0.00	0.00	0.00							
Depth to Water	11.35	14.14	15.68	16.39							

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-06 at 1235

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-07

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 9:40

DATE(S): 8/24/2006

STOP: 9:55

SAMPLE: 10:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	30.40	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.79	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	17.61	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.99	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	9.0	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	3	8"	2.60

TIME	0940	0945	0950	0955							
pH	7.23	6.74	6.71	6.68							
SPEC. COND. (umhos)	2.950	2.830	2.830	2.810							
TEMPERATURE (°C)	19.3	19.7	19.7	19.8							
TURBIDITY (NTU)	20	17	36	40							
DISSOLVED OXYGEN	3.360	0.000	0.000	0.000							
Depth to Water	12.79	13.45	13.47	13.49							

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-07 at 0955
Blind Duplicate sample (BD-01) collected.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-08

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 9:00

DATE(S): 8/24/2006

STOP: 9:20

SAMPLE: 9:25

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	30.20	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	13.51	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	16.69	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.84	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	8.5	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	4	8"	2.60

TIME	0900	0905	0910	0915	0920						
pH	7.63	7.09	7.05	7.06	7.04						
SPEC. COND. (umhos)	3.830	3.580	3.360	3.300	3.310						
TEMPERATURE (°C)	20.1	18.9	19.2	19.5	19.8						
TURBIDITY (NTU)	39	33	29	34	32						
DISSOLVED OXYGEN	8.350	3.160	0.000	0.000	0.000						
Depth to Water	13.51	15.82	15.81	15.77	15.72						

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-08 at 0925

Top 2' section of riser separated from the rest of the riser. Flush mounted cover was cracked.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-09

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 13:35

DATE(S): 8/23/2006

STOP: 13:55

SAMPLE: 14:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	35.15	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	15.29	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	19.86	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	3.38	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	10.1	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1335	1340	1345	1350	1355						
pH	7.26	6.83	6.80	6.80	6.80						
SPEC. COND. (umhos)	7.390	7.400	7.390	7.350	7.320						
TEMPERATURE (°C)	24.8	22.8	23.2	23.7	24.0						
TURBIDITY (NTU)	177	101	47	41	40						
DISSOLVED OXYGEN	5.250	0.000	0.000	0.000	0.000						
Depth to Water	15.29	16.62	16.34	15.56	15.46						

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-09 at 1400

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-10

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 14:15

DATE(S): 8/23/2006

STOP: 14:30

SAMPLE: 14:35

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	38.50	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.73	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	25.77	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	4.38	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	13.1	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	3	8"	2.60

TIME	1415	1420	1425	1430							
pH	7.71	7.01	6.96	6.97							
SPEC. COND. (umhos)	2.800	2.720	2.680	2.710							
TEMPERATURE (°C)	20.9	20.7	20.6	20.6							
TURBIDITY (NTU)	53	52	41	41							
DISSOLVED OXYGEN	2.210	0.000	0.000	0.000							
Depth to Water	12.73	14.51	14.65	14.81							

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-10 at 1435

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-11

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Camila Miranda

START:

DATE(S): 8/21/2006

STOP:

SAMPLE:

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=		1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=		2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	0.00	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	0.00	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	0.0	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=		8"	2.60

TIME											
pH											
SPEC. COND. (umhos)											
TEMPERATURE (°C)											
TURBIDITY (NTU)											
DISSOLVED OXYGEN											

COMMENTS:

Flush-mounted cover sealed with concrete. New flag of concrete installed since last sampling event.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-12

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 10:20

DATE(S): 8/24/2006

STOP: 10:50

SAMPLE: 10:55

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	35.98	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.89	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	23.09	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	3.93	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	11.8	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1020	1025	1030	1035	1040	1045	1050				
pH	6.75	6.54	6.55	6.56	6.57	6.61	6.61				
SPEC. COND. (umhos)	4.680	4.280	4.420	4.440	4.380	4.370	4.370				
TEMPERATURE (°C)	23.6	24.3	24.4	24.2	23.6	23.1	23.1				
TURBIDITY (NTU)	248	173	117	88	76	48	45				
DISSOLVED OXYGEN	2.030	0.000	0.000	0.000	0.000	0.000	0.00				
Depth to Water	12.89	16.99	16.85	16.71	16.80	16.92	16.94				

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-12 at 1055

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-13

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 11:10

DATE(S): 8/24/2006

STOP: 11:30

SAMPLE: 11:35

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	21.61	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	9.83	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	11.78	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.00	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	6.0	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1110	1115	1120	1125	1130						
pH	6.98	6.76	6.69	6.70	6.69						
SPEC. COND. (umhos)	6.550	5.400	4.180	4.160	4.230						
TEMPERATURE (°C)	18.8	19.4	20.6	20.8	21.1						
TURBIDITY (NTU)	29	20	38	39	45						
DISSOLVED OXYGEN	1.510	0.000	0.000	0.000	0.000						
Depth to Water	9.83	15.95	16.12	16.93	17.53						

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-13 at 1135

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-14

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 9:50

DATE(S): 8/29/2006

STOP: 10:10

SAMPLE: 10:15

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	18.58	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	10.47	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	8.11	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.38	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	4.1	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	0950	0955	1000	1005	1010						
pH	6.80	6.84	6.74	6.73	6.73						
SPEC. COND. (umhos)	24.000	14.000	1.940	1.930	1.920						
TEMPERATURE (°C)	20.7	22.1	21.7	21.6	21.6						
TURBIDITY (NTU)	106	174	57	43	37						
DISSOLVED OXYGEN	6.880	1.660	0.000	0.000	0.000						
Depth to Water	10.47	10.56	10.58	10.58	10.59						

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-14 at 1015

Blind Duplicate sample (BD-03) collected.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-15

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 9:42

DATE(S): 8/29/2006

STOP: 10:07

SAMPLE: 10:10

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	18.80	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	15.02	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	3.78	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	0.64	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	1.9	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	0942	0947	0952	0957	1002	1007					
pH	6.73	6.38	6.37	6.36	6.37	6.37					
SPEC. COND. (umhos)	4.810	5.120	5.230	5.360	5.350	5.390					
TEMPERATURE (°C)	20.7	20.3	20.1	20.0	20.0	19.9					
TURBIDITY (NTU)	385	77	80	51	50	45					
DISSOLVED OXYGEN	7.780	2.530	0.610	0.000	0.000	0.000					
Depth to Water	15.02	15.85	15.90	15.94	15.94	15.95					

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-15 at 1010

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-16

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 12:28

DATE(S): 8/22/2006 & 8/23/06

STOP: 12:38

SAMPLE: 10:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	15.40	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	10.30	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	5.10	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	0.87	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	2.6	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	1	8"	2.60

TIME	1228	1233	1238								
pH	6.67	6.73									
SPEC. COND. (umhos)	2.830	2.890									
TEMPERATURE (°C)	22.8	23.5									
TURBIDITY (NTU)	48	50									
DISSOLVED OXYGEN	2.170	0.000									
Depth to Water			DRY								

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-16 at 1000 on 8/23/06

Well ran dry during purge. Well sampled next day.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-17

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 10:35

DATE(S): 8/23/2006

STOP: 11:15

SAMPLE: 11:20

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	21.80	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.39	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	9.41	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.60	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	4.8	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	10	8"	2.60

TIME	1035	1040	1045	1050	1055	1100	1105	1110	1115		
pH	7.50	7.11	7.07	7.05	7.05	7.05	7.06	7.06	7.06		
SPEC. COND. (umhos)	1.960	2.130	2.100	2.060	2.050	2.010	1.950	1.990	1.990		
TEMPERATURE (°C)	22.6	23.0	22.8	22.3	23.8	22.7	22.5	22.5	22.4		
TURBIDITY (NTU)	640	-5	632	757	363	146	73	50	46		
DISSOLVED OXYGEN	3.030	0.740	0.360	0.230	0.470	0.620	0.87	0.28	0.71		
Depth to Water	12.39	12.97	13.63	13.49	13.40	13.43	14.09	15.13	15.33		

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-17 at 1115

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-18

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 12:52

DATE(S): 8/22/2006

STOP: 13:17

SAMPLE: 13:20

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	20.09	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	9.59	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	10.50	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.79	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.4	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1252	1257	1302	1307	1312	1317					
pH	7.42	7.21	7.26	7.25	7.29	7.34					
SPEC. COND. (umhos)	0.908	0.892	0.933	0.897	0.890	0.903					
TEMPERATURE (°C)	22.7	23.8	22.5	23.2	24.0	24.8					
TURBIDITY (NTU)	15	31	53	49	41	44					
DISSOLVED OXYGEN	1.510	0.200	0.000	0.000	0.000	0.000					
Depth to Water	9.59	14.45	15.29	16.16	16.72	17.10					

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-18 at 1320

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-19

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 11:35

DATE(S): 8/22/2006

STOP: 12:10

SAMPLE: 12:12

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	20.15	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	6.80	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	13.35	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.27	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	6.8	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	10	8"	2.60

TIME	1135	1140	1145	1150	1155	1200	1205	1210			
pH	5.96	6.63	6.72	6.66	6.58	6.55	6.53	6.53			
SPEC. COND. (umhos)	4.130	4.100	4.830	4.920	6.000	6.000	6.210	6.250			
TEMPERATURE (°C)	23.3	23.3	22.4	22.1	21.5	21.5	21.4	21.2			
TURBIDITY (NTU)	0	0	0	0	46	48	53	55			
DISSOLVED OXYGEN	3.020	0.000	1.740	0.000	1.800	0.000	0.00	0.00			
Depth to Water	6.80	9.62	10.83	12.24	14.10	14.65	15.45	16.05			

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-19 at 1212

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-20

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 10:45

DATE(S): 8/29/2006

STOP: 11:25

SAMPLE: 11:30

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	23.20	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	10.91	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	12.29	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.09	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	6.3	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	10	8"	2.60

TIME	1045	1050	1055	1100	1105	1110	1115	1120	1125		
pH	6.92	6.34	6.37	6.40	6.36	6.36	6.32	6.31	6.31		
SPEC. COND. (umhos)	4.140	4.070	3.590	3.290	3.500	3.480	3.680	3.710	3.720		
TEMPERATURE (°C)	19.6	20.1	20.4	20.2	20.2	20.2	20.1	20.1	20.1		
TURBIDITY (NTU)	452	291	263	104	98	69	54	17	39		
DISSOLVED OXYGEN	1.670	0.000	0.260	0.250	0.460	0.270	0.09	0.05	0.00		
Depth to Water	10.91	11.49	11.48	11.52	11.62	11.66		11.74	11.80		

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-20 at 1130

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-21

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 13:40

DATE(S): 8/22/2006

STOP: 14:05

SAMPLE: 14:10

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	19.70	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	8.51	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	11.19	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.90	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.7	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1340	1345	1350	1355	1400	1405					
pH	6.87	6.74	6.74	6.77	6.79	6.76					
SPEC. COND. (umhos)	4.370	4.370	4.360	4.350	4.430	4.380					
TEMPERATURE (°C)	24.1	23.0	23.4	22.8	22.3	22.4					
TURBIDITY (NTU)	437	69	67	41	51	48					
DISSOLVED OXYGEN	3.180	0.030	0.000	0.000	0.000	0.000					
Depth to Water	8.51	12.12	13.61	14.50	15.25	15.73					

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-21 at 1410

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-22

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 9:15

DATE(S): 8/25/2006

STOP: 9:45

SAMPLE: 9:55

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	25.02	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	14.15	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	10.87	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.85	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.5	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	0915	0920	0925	0930	0935	0940	0945				
pH	7.24	6.48	6.40	6.36	6.35	6.33	6.31				
SPEC. COND. (umhos)	4.510	3.950	3.750	3.710	3.620	3.750	3.840				
TEMPERATURE (°C)	21.3	21.1	21.3	21.0	21.1	21.1	21.0				
TURBIDITY (NTU)	16	9	3	7	6	6	5				
DISSOLVED OXYGEN	4.890	0.820	1.220	0.370	0.400	0.390	0.38				
Depth to Water	14.15	14.62	14.75	14.98	15.16	15.29	15.43				

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-22 at 0955

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-23

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 11:00

DATE(S): 8/25/2006

STOP: 11:00

SAMPLE: 11:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	25.15	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	20.51	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	4.64	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	0.79	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	2.4	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	3	8"	2.60

TIME											
pH											
SPEC. COND. (umhos)											
TEMPERATURE (°C)											
TURBIDITY (NTU)											
DISSOLVED OXYGEN											

COMMENTS:
Sample with disposable bailer
Sample MW-23 at 1100

Could not purge water out of well. Depth to water too deep for peristaltic pump. Sampled well without purging.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-24

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 11:27

DATE(S): 5/5/2006

STOP: 23:52

SAMPLE: 12:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	25.22	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	14.47	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	10.75	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.83	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.5	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1127	1132	1137	1142	1147	1152					
pH	7.00	6.61	6.55	6.54	6.52	6.52					
SPEC. COND. (umhos)	0.970	1.060	0.990	1.070	1.100	1.140					
TEMPERATURE (°C)	20.0	19.4	19.4	19.5	20.1	19.9					
TURBIDITY (NTU)	60	41	34	32	28	30					
DISSOLVED OXYGEN	3.440	0.050	0.000	0.000	0.030	0.010					
Depth to Water	14.47	15.27	15.35	15.41	15.43	15.28					

COMMENTS:
Peristaltic pump and flow-through meter. Sample with disposable bailer.
Sample MW-24 at 1200

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-25

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 10:45

DATE(S): 8/25/2006

STOP: 11:05

SAMPLE: 11:10

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	25.10	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	10.64	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	14.46	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.46	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	7.4	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1045	1050	1055	1100	1105						
pH	7.37	7.32	7.33	7.34	7.32						
SPEC. COND. (umhos)	0.000	0.000	0.000	0.000	0.000						
TEMPERATURE (°C)	22.5	22.1	22.0	22.1	22.1						
TURBIDITY (NTU)	213	117	43	35	38						
DISSOLVED OXYGEN	6.890	1.530	0.000	0.000	0.000						
Depth to Water	10.64	10.72	10.80	10.82	10.83						

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-25 at 1110

Matrix Spike/Matrix Spike Duplicate sample collected.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-26

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 9:35

DATE(S): 8/25/2006

STOP: 10:00

SAMPLE: 10:05

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	24.95	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	13.91	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	11.04	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.88	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	5.6	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	0935	0940	0945	0950	0955	1000					
pH	8.18	8.02	8.07	8.15	8.13	8.12					
SPEC. COND. (umhos)	6.340	6.770	6.470	6.500	6.510	6.500					
TEMPERATURE (°C)	22.0	21.3	20.9	20.7	20.6	20.6					
TURBIDITY (NTU)	212	211	79	47	39	40					
DISSOLVED OXYGEN	0.001	0.000	0.000	0.001	0.000	0.000					
Depth to Water	13.91	14.02	14.06	14.06	14.08	14.08					

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-26 at 1005

Blind Duplicate sample (BD-02) collected.

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-27

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Claire Burns

START: 11:35

DATE(S): 8/23/2006

STOP: 11:55

SAMPLE: 12:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	24.56	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	10.65	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	13.91	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.36	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	7.1	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1135	1140	1145	1150	1155						
pH	6.85	6.83	6.78	6.77	6.84						
SPEC. COND. (umhos)	9.490	8.610	9.100	9.290	9.250						
TEMPERATURE (°C)	21.9	22.9	22.7	23.0	23.1						
TURBIDITY (NTU)	11	34	29	24	16						
DISSOLVED OXYGEN	2.840	0.000	0.000	0.000	0.000						
Depth to Water	10.65	15.30	16.64	18.10	19.51						

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-27 at 1200

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-28

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 8:26

DATE(S): 8/29/2006

STOP: 9:06

SAMPLE: 9:10

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	23.95	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	16.28	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	7.67	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.30	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	3.9	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	7	8"	2.60

TIME	0826	0831	0836	0841	0846	0851	0856	0901	0906		
pH	7.42	7.19	7.05	6.99	6.96	6.94	6.92	6.91	6.90		
SPEC. COND. (umhos)	1.260	1.220	1.200	1.170	1.150	1.130	1.110	1.090	1.080		
TEMPERATURE (°C)	21.3	21.3	21.3	21.3	21.1	21.1	21.1	21.1	21.1		
TURBIDITY (NTU)	476	405	191	123	139	147	13	49	43		
DISSOLVED OXYGEN	7.050	4.810	3.530	3.280	0.960	0.150	0.00	0.00	0.00		
Depth to water	16.28	16.37	16.37	16.40	16.40	16.40	16.42	16.42	16.42		

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-28 at 0910

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-29

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 12:50

DATE(S): 8/28/2006

STOP: 13:40

SAMPLE: 11:30

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	24.90	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	16.48	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	8.42	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.43	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	4.3	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	10	8"	2.60

TIME	1250	1300	1305	1310	1315	1320	1325	1330	1335	1340	
pH	7.17	7.01	6.98	6.96	6.94	6.92	6.91	6.90	6.89	6.88	
SPEC. COND. (umhos)	7.890	7.780	7.680	7.560	7.500	7.350	7.280	7.210	7.160	7.120	
TEMPERATURE (°C)	22.7	22.9	23.0	22.9	23.0	23.0	23.1	23.2	23.3	23.4	
TURBIDITY (NTU)	174	105	105	155	149	143	29	27	27	25	
DISSOLVED OXYGEN	9.290	4.850	5.230	4.440	3.650	1.290	0.28	0.00	0.00	0	
Depth to Water	16.48	16.58	16.57	16.59	16.58	16.60	16.61	16.61	16.61	16.62	

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-29 at 1345

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-30

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 12:24

DATE(S): 8/25/2006

STOP: 12:54

SAMPLE: 13:00

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	24.95	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.92	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	12.03	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.05	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	6.1	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	5	8"	2.60

TIME	1224	1229	1234	1239	1244	1249	1254				
pH	6.61	6.64	6.65	6.65	6.65	6.65	6.65				
SPEC. COND. (umhos)	2.930	1.890	1.840	1.770	1.760	1.740	1.720				
TEMPERATURE (°C)	21.3	20.5	20.5	20.5	20.5	20.5	20.5				
TURBIDITY (NTU)	127	109	119	117	131	134	135				
DISSOLVED OXYGEN	2.910	0.000	0.000	0.000	0.000	0.000	0.00				
Depth to Water	12.92	13.28	13.31	13.17	13.15	13.11	13.09				

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-30 at 1300

WELL PURGING LOG

URS Corporation

PROJECT TITLE: Upper East Side

WELL NO.: MW-31

PROJECT NO.:

Page: 1 of 1

STAFF: Michael Murphy, Nicole Reese

START: 10:32

DATE(S): 8/22/2006

STOP: 11:07

SAMPLE: 11:10

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	20.05	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.84	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	7.21	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.23	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	3.7	6"	1.50
7. VOLUME OF WATER REMOVED (GAL.)	=	7	8"	2.60

TIME	1032	1037	1042	1047	1052	1057	1102	1107			
pH	9.66	9.75	10.24	10.58	11.55	11.14	11.35	11.50			
SPEC. COND. (umhos)	5.170	5.180	5.220	5.200	6.290	5.790	5.860	6.050			
TEMPERATURE (°C)	23.0	22.8	22.9	23.4	22.1	22.4	22.6	22.7			
TURBIDITY (NTU)	0	0	0	44	56	40	33	39			
DISSOLVED OXYGEN	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00			
Depth to Water	13.74	13.89	14.10	14.38	14.57	14.82	15.15	15.55			

COMMENTS:
Peristaltic pump and flow-through meter
Sample MW-31 at 1110

ATTACHMENT B

FIELD NOTES

8/21

1010 Mike Murphy + Nicole Reese of URS onsite to take water level measurements of all 31 wells.

MW-30	13.26' (to PVC) PVC ~1.5' down from surface
MW-28	16.48'
MW-04	22.36'
MW-29	17.18'
MW-02	15.08'
MW-01	15.88'
MW-03	15.41'
MW-26	13.86'
MW-22	14.12'
MW-25	10.65'
MW-20	11.12'
MW-23	20.52'
MW-24	14.54'
MW-06	10.72'
MW-05	17.25'
MW-19	6.89'
MW-31	12.79'
MW-18	9.61'
MW-21	8.54'

MW-17 11.99'
MW-27 10.79'
MW-09 15.25'
MW-10 12.93'
MW-11 Concrete flag replaced - cover filled w/ concrete
MW-12 12.21'
MW-16 10.27'
MW-08 Inaccessible cover 13.47'
MW-07 12.73'
MW-14 10.45'
MW-15 15.01'
MW-13 9.78'

1530 hrs offsite

8/22

0830 URS at 5 Penn Plaza to load sampling equipment.

0910 URS departs 5 Penn Plaza (Michael Murphy & Nick Reese)

0945 URS onsite at E. 88th Street + 1st Avenue to sample MW-31

1005 One Solinst peristaltic pump not operating due to faulty adapter connection.

1015 Sampling MW-31 with second Solinst pump.

1115 Sampled MW-31

1130 Moved to MW-19. Checked calibration of Horiba pH due to high readings at MW-31. Calibration OK.

1220 Sampled MW-19

1225 Moved to MW-16.

1240 MW-16 went dry. Moving to MW-18 to allow MW-16 to recharge.

1320 Sampled MW-18.

1330 Moving to MW-21.

1340 Attempted to sample MW-16, but well had not recharged. Will sample MW-16 tomorrow morning.

1440 URS offsite

Samples collected stored on ice overnight

8/23

0900 URS onsite (Michael Murphy & Claire Burns).
Familiarizing Claire with site.

1000 Sampling MW-16.

1030 Moving to MW-17

1125 Moving to MW-27

moving.

1330 Moving to MW-09

1410 Moving to MW-10

1500 Packing samples in cooler on ice.

1510 URS offsite

1630 Cooler dropped off at Fed Ex for delivery to Methem.

8/24

0830 URS onsite (M. Trupp & C. Burns). Setting up at MW-08

0930 Moving to MW-07. Collecting duplicate BD-01.

1015 Moving to MW-12

1105 Moving to MW-13

1210 Moving to MW-06

1400 URS offsite

Samples stored on ice overnight.

8/25

0900 URS onsite (M. Murphy + T. Reese) Setting up at MW-22 + MW-26.

Collecting duplicate BD-02 from MW-26

1035 Moving to MW-25. Collecting MS/MSD from MW-25.

1050 Moving to MW-23. Unable to purge MW-23. Sampled well without purging.

1110 Moving to MW-24

1215 Moving to MW-30

1300 Packing samples on ice for delivery to lab.

1320 URS offsite

1500 Cooler dropped off at Fed Ex for delivery to Mitkem (Saturday delivery)

8/28

0930 URS onsite (M. Murphy + R. Reese). Setting up at MW-05.

1105 Moving to MW-03 and MW-04.

1245 Moving to MW-02 and MW-29.

1335 Moving to MW-01. Collecting MS/MSD from MW-01

1430 Collecting Field Blank (rinsate) from disposable bailer.

Samples stored on ice overnight.

1515 URS offsite.

8/29

0800 URS onsite (M. Murphy + T. Reese). Setting up at MW-28.

0930 Moving to MW-15

0940 Setting up at MW-14. Collecting duplicate BD-03 from MW-14. Heavy rain.

1040 Moving to MW-20. Heavy rain.

1130 All wells sampled, with exception of MW-11, which was inaccessible.

1230 Packing samples on ice for delivery to lab.

1300 URS offsite

1530 Cooler dropped off at Fed Ex for delivery to Nutrem.

ATTACHMENT C

DATA USABILITY SUMMARY REPORT
Including FORM Is

DATA USABILITY SUMMARY REPORT

1st AVENUE AND EAST 90th STREET

SITE NO. 2-31-008

WORK ASSIGNMENT D004433-11

TASK 4

Analyses Performed by:

MITKEM CORPORATION

Prepared by:

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

NOVEMBER 2006

TABLE OF CONTENTS

TABLES

(Following Text)

APPENDICES

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999, and provides a discussion of the analytical data for the groundwater samples collected at the 1st Avenue and East 90th Street site.

II. ANALYTICAL METHODOLOGIES & DATA VALIDATION

The groundwater data being evaluated is from the August 22-29, 2006 sampling of 30 groundwater samples, 2 matrix spike/matrix spike duplicate (MS/MSD) pairs, 3 field duplicates, 1 equipment rinse blank, and 2 trip blanks. The samples were analyzed by Mitkem Corporation (Warwick, RI) for target compound list (TCL) volatile organic compounds (VOCs) following USEPA Method 8260B.

A limited data validation was performed following the guidelines in USEPA Region II *Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B* (SOP No. HW-24, Revison I, June 1999). Qualifications applied to the data include 'J' (estimated concentration), 'UJ' (estimated quantitation limit), and 'D' (result reported from a secondary dilution). Table 1 summarizes the data qualifications applied to the sample results (except 'D'). The validated analytical results are presented in Tables 2 and 3. Definitions of USEPA Region II data qualifiers are provided at the end on the text. Copies of the validated laboratory results (i.e., Form I's) are presented in Appendix A. Documentation supporting the qualification of data is presented in Appendix B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

The laboratory deliverable data packages were in accordance with NYSDEC Analytical Services Protocol (ASP) Category B requirements.

IV. PRESERVATION/ SAMPLE RECEIPT/ HOLDING TIMES

All samples were received by the laboratory intact, properly preserved, and analyzed within the required holding time.

V. NON CONFORMANCES

- QC Blanks

The trip blank submitted with the samples on 8/24/06 had detections of 1,2,4-trimethylbenze, naphthalene, tetrachloroethene, and total xylenes. Several samples with high concentrations of these compounds preceded the trip blank analysis in the same analytical sequence. The laboratory had not demonstrated the analytical system was clean in accordance with method requirements, therefore it was determined that the detections in the trip blank were the result of instrument carryover. Using professional judgement, the trip blank results were not used to qualify samples in the same shipment; only samples analyzed in the same analytical sequence were evaluated for possible blank contamination/instrument carryover. The trip blank results were qualified 'J' because of suspected carryover. No other samples required qualification because secondary dilution analyses were necessary, samples were reanalyzed, or these compounds were not detected above the quantitation limit (QL) in the preceding sample analysis.

Supporting documentation (e.g., quantitation report of sample preceding the trip blank analysis, run logs) is presented in Appendix B.

- Continuing Calibrations

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in one or more of the continuing calibration standards (CCAL) exceeded the QC limit of 20% for 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,3-dichloropropane, 2,2-dichloropropane, 2-hexanone, acetone, chloromethane, and/or dichlorodifluoromethane. The results for these compounds in the associated samples listed on Table 1 have been qualified 'UJ'.

Documentation supporting the qualification of data (i.e., Forms V and VII) is presented in Appendix B.

- Laboratory Control Samples

The recovery percentages in the laboratory control sample (LCS) associated with groundwater sample MW-19 were below the QC limit for 1,2,3-trichlorobenzene, 1,2-dibromo-3-chloropropane, and naphthalene. The results for these compounds were qualified 'UJ' in sample MW-19.

Documentation supporting the qualification of data (i.e., Form III) is presented in Appendix B.

VI. SAMPLE RESULTS AND REPORTING

All QLs were reported in accordance with method requirements and were adjusted for sample size and dilution factors. The following samples required secondary dilution analysis:

- Sample MW-08 was initially analyzed undiluted. A further dilution of 80 times (x) was required due to elevated levels of cis-1,2-dichlorethene, tetrachloroethene, and trichloroethene.

- Sample MW-09 was initially analyzed undiluted. A further dilution of 2x was required due to the elevated level of naphthalene.

- Sample MW-10 was initially analyzed undiluted. A further dilution of 50x was required for tetrachloroethene and trichloroethene.

- Sample MW-12 was initially analyzed undiluted. A further dilution of 16x was required due to elevated levels of 1,2,4-trimethylbenzene, naphthalene, and total xylenes.

- Sample MW-13 was initially analyzed undiluted. A further dilution of 200x was required due to elevated levels of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, methyl tert-butyl ether, naphthalene, toluene, and total xylenes.

- Sample MW-31 was initially analyzed undiluted. A further dilution of 3x was required due to elevated levels of cis-1,2-dichloroethene, trichloroethene, and tetrachloroethene.

Results less than the QL were qualified 'J' by the laboratory. Results reported from secondary dilutions were qualified 'D'.

VII. FIELD DUPLICATES

Field duplicates were collected at sample locations MW-07 (BD-01), MW-14 (BD-03), and MW-26 (BD-02). Results were comparable.

VIII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' (estimated concentration) or 'UJ' (estimated reporting limit) are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

Prepared By: Ann Marie Kropovitch, Chemist **Date:**

Reviewed By: James J. Lehnen, Senior Chemist **Date:**

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

D – The sample results are reported from a separate secondary dilution analysis.

TABLE 1

SUMMARY OF DATA QUALIFICATIONS
1ST AVENUE AND EAST 90TH STREET
NYSDEC W.A. D004433-11

SAMPLE ID	FRACTION	ANALYTICAL DEVIATION	QUALIFICATION
MW-09, MW-10, MW-16, MW-18, MW-21, MW-27, MW-31	VOCs	CCAL %D > 20% for chloromethane and dichlorodifluoromethane.	Qualify non-detect results 'UJ'.
MW-06, MW-07, MW-22, MW-23, MW-24, MW-26, BD-02 (field duplicate of MW-26), MW-30	VOCs	CCAL %D > 20% for 1,3-dichloropropane and 2-hexanone.	Qualify non-detect results 'UJ'.
MW-19	VOCs	CCAL %D > 20% 1,2,4-trichlorobenzene and 2,2-dichloropropane.	Qualify non-detect results 'UJ'.
MW-01	VOCs	CCAL %D > 20% for acetone.	Qualify non-detect results 'UJ'.
MW-02, MW-03, MW-04, MW-05, MW-14, BD-03 (field duplicate of MW-14), MW-15, MW-20, MW-28, MW-29, Field Blank, Trip Blank (8/28/06)	VOCs	CCAL %D > 20% for 1,1,2,2-tetrachloroethane and 1,3-dichloropropane.	Qualify non-detect results 'UJ'.
Trip Blank (8/24/06)	VOCs	Suspected carryover of 1,2,4-trimethylbenzene, naphthalene, tetrachloroethene, and total xylenes	Qualify detected results 'J'.
MW-19	VOCs	LCS %R < QC limit for 1,2,3-trichlorobenzene, 1,2-dibromo-3-chloropropane, and naphthalene.	Qualify non-detect results 'UJ'.

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-01	MW-02	MW-03	MW-04	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/28/06	08/28/06	08/28/06	08/28/06	08/28/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 UJ	5 UJ	5 UJ	5 UJ
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	6	5 U	29	5 U	5 U
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 U	5 UJ	5 UJ	5 UJ	5 UJ
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-01	MW-02	MW-03	MW-04	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/28/06	08/28/06	08/28/06	08/28/06	08/28/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	5 UJ	5 U	5 U	5 U	5 U
Benzene	UG/L	1	5 U	5 U	5 U	5 U	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	7	5 U	5 U	5 U	1 J	5 U
Chloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-01	MW-02	MW-03	MW-04	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/28/06	08/28/06	08/28/06	08/28/06	08/28/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	0.5	2 J	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	5 U	5 U	5 U	18	5 U
Methylene chloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	5 U	5 U	5 U	5 U	2 J
n-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	5 U	2 J	34	1 J	5 U
Toluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Trichloroethene	UG/L	5	5 U	5 U	20	5 U	5 U
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	2	5 U	5 U	5 U	5 U	5 U
Xylene (total)	UG/L	5	5 U	5 U	5 U	5 U	1 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-06	MW-07	MW-07	MW-08	MW-09
Sample ID			MW-06	BD-01	MW-07	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/24/06	08/24/06	08/24/06	08/24/06	08/23/06
Parameter	Units	Criteria*		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	80
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	5 U	2 J	2 J	470 D	5 U
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 UJ	5 U	5 UJ	5 U	5 U
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-06	MW-07	MW-07	MW-08	MW-09
Sample ID			MW-06	BD-01	MW-07	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/24/06	08/24/06	08/24/06	08/24/06	08/23/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 UJ	5 U	5 UJ	5 U	5 U
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Benzene	UG/L	1	5 U	5 U	5 U	4 J	3 J
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	7	5 U	5 U	3 J	5 U	5 U
Chloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 UJ
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-06	MW-07	MW-07	MW-08	MW-09
Sample ID			MW-06	BD-01	MW-07	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/24/06	08/24/06	08/24/06	08/24/06	08/23/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 UJ
Ethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	190
Hexachlorobutadiene	UG/L	0.5	5 U	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	5 U	5 U	5 U	14
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	1 J	5 U	5 U	5 U	14
Methylene chloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	5 U	5 U	5 U	5 U	330 D
n-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	5 U	5 U	5 U	8
sec-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	2 J
Styrene	UG/L	5	5 U	5 U	5 U	5 U	20
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	1 J	36	36	9,600 D	5 U
Toluene	UG/L	5	5 U	5 U	5 U	5 U	22
Trichloroethene	UG/L	5	5 U	3 J	3 J	620 D	5 U
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	2	5 U	5 U	5 U	4 J	5 U
Xylene (total)	UG/L	5	4 J	5 U	5 U	5 U	150

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-10	MW-12	MW-13	MW-14	MW-14
Sample ID			MW-10	MW-12	MW-13	BD-03	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/23/06	08/24/06	08/24/06	08/29/06	08/29/06
Parameter	Units	Criteria*				Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 UJ	5 UJ
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	1 J	5 U	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U	650 D	3,700 D	5 U	5 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	160	5 U	5 U	5 U	5 U
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	2 J	110	1,300 D	5 U	5 U
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 UJ	5 UJ
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

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Concentration Exceeds Criteria

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TABLE 2
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1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-10	MW-12	MW-13	MW-14	MW-14
Sample ID			MW-10	MW-12	MW-13	BD-03	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/23/06	08/24/06	08/24/06	08/29/06	08/29/06
Parameter	Units	Criteria*				Field Duplicate (1-1)	
Volatile Organic Compounds							
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	15	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	5 U	5 U	170	5 U	5 U
Benzene	UG/L	1	5 U	71	1,000 D	5 U	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	7	5 U	5 U	5 U	5 U	5 U
Chloromethane	UG/L	5	5 UJ	5 U	5 U	5 U	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-10	MW-12	MW-13	MW-14	MW-14
Sample ID			MW-10	MW-12	MW-13	BD-03	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/23/06	08/24/06	08/24/06	08/29/06	08/29/06
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Volatile Organic Compounds							
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 UJ	5 U	5 U	5 U	5 U
Ethylbenzene	UG/L	5	9	5 U	1,100 D	5 U	5 U
Hexachlorobutadiene	UG/L	0.5	5 U	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	45	69	5 U	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	160	61	19,000 D	8	7
Methylene chloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	9	290 D	450 DJ	5 U	5 U
n-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	5 U	110	5 U	5 U
sec-Butylbenzene	UG/L	5	5 U	5	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	8,500 D	14	12	5 U	5 U
Toluene	UG/L	5	1 J	24	2,400 D	5 U	5 U
Trichloroethene	UG/L	5	480 D	5 U	5 U	5 U	5 U
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	2	3 J	5 U	5 U	5 U	5 U
Xylene (total)	UG/L	5	10 U	4,100 D	13,000 D	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-15	MW-16	MW-17	MW-18	MW-19
Sample ID			MW-15	MW-16	MW-17	MW-18	MW-19
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/23/06	08/23/06	08/22/06	08/22/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 UJ	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 UJ
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 UJ
1,2,4-Trimethylbenzene	UG/L	5	5 U	5 U	5 U	1 J	5 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 UJ
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	5	5 U	3 J	3 J	5
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	5 U	5 U	5 U	1 J	5 U
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 UJ	5 U	5 U	5 U	5 U
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-15	MW-16	MW-17	MW-18	MW-19
Sample ID			MW-15	MW-16	MW-17	MW-18	MW-19
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/23/06	08/23/06	08/22/06	08/22/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 U	5 UJ
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	5 U	5 U	5 U	15	5 U
Benzene	UG/L	1	5 U	5 U	5 U	5 U	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	7	5 U	5 U	5 U	5 U	5 U
Chloromethane	UG/L	5	5 U	5 UJ	5 U	5 UJ	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-15	MW-16	MW-17	MW-18	MW-19
Sample ID			MW-15	MW-16	MW-17	MW-18	MW-19
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/23/06	08/23/06	08/22/06	08/22/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 U	5 UJ	5 U	5 UJ	5 U
Ethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	0.5	5 U	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	5 U	7	5 U
Methyl tert-butyl ether	UG/L	10	3 J	5 U	5 U	5 U	5 U
Methylene chloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	5 U	5 U	5 U	5 U	5 UJ
n-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	5 U	5 U	2 J	5 U	5 U
Toluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Trichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	2	5 U	5 U	5 U	5 U	5 U
Xylene (total)	UG/L	5	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006
CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-20	MW-21	MW-22	MW-23	MW-24
Sample ID			MW-20	MW-21	MW-22	MW-23	MW-24
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/22/06	08/25/06	08/25/06	08/25/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 UJ	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U	19	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	5 U	17	3 J	2 J	5 U
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	5 U	5	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 UJ	5 U	5 UJ	5 UJ	5 UJ
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-20	MW-21	MW-22	MW-23	MW-24
Sample ID			MW-20	MW-21	MW-22	MW-23	MW-24
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/22/06	08/25/06	08/25/06	08/25/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 U	5 U	5 UJ	5 UJ	5 UJ
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	5 U	14	5 U	5 U	5 U
Benzene	UG/L	1	5 U	91	5 U	5 U	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	7	2 J	5 U	5 U	5 U	3 J
Chloromethane	UG/L	5	5 U	5 UJ	5 U	5 U	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006
CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-20	MW-21	MW-22	MW-23	MW-24
Sample ID			MW-20	MW-21	MW-22	MW-23	MW-24
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/29/06	08/22/06	08/25/06	08/25/06	08/25/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 U	5 UJ	5 U	5 U	5 U
Ethylbenzene	UG/L	5	5 U	50	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	0.5	5 U	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	2 J	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	29	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	5 U	5 U	5 U	5 U	5 U
Methylene chloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	5 U	19	5 U	5 U	5 U
n-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	1 J	5 U	5 U	5 U
sec-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	5 U	5 U	1 J	1 J	5 U
Toluene	UG/L	5	5 U	54	5 U	5 U	5 U
Trichloroethene	UG/L	5	5 U	5 U	5 U	1 J	5 U
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	2	5 U	2 J	5 U	5 U	5 U
Xylene (total)	UG/L	5	5 U	220	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-25	MW-26	MW-26	MW-27	MW-28
Sample ID			MW-25	BD-02	MW-26	MW-27	MW-28
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/25/06	08/25/06	08/25/06	08/23/06	08/29/06
Parameter	Units	Criteria*		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 UJ
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	2 J	2 J	5 U	19	5 U
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 U	5 UJ	5 UJ	5 U	5 UJ
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-25	MW-26	MW-26	MW-27	MW-28
Sample ID			MW-25	BD-02	MW-26	MW-27	MW-28
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/25/06	08/25/06	08/25/06	08/23/06	08/29/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 U	5 UJ	5 UJ	5 U	5 U
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	5 U	5 U	5 U	5 U	5 U
Benzene	UG/L	1	5 U	5 U	5 U	22	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	7	5 U	1 J	1 J	5 U	5 U
Chloromethane	UG/L	5	5 U	5 U	5 U	5 UJ	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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Printed: 10/6/2006 10:54:27 AM
[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-25	MW-26	MW-26	MW-27	MW-28
Sample ID			MW-25	BD-02	MW-26	MW-27	MW-28
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			08/25/06	08/25/06	08/25/06	08/23/06	08/29/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 U	5 U	5 U	5 UJ	5 U
Ethylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	0.5	5 U	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	5 U	5 U	5 U	3 J	5 U
Methylene chloride	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	8	5 U	3 J	5 U	5 U
Toluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Trichloroethene	UG/L	5	3 J	2 J	2 J	1 J	5 U
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	2	5 U	5 U	5 U	5	5 U
Xylene (total)	UG/L	5	5 U	5 U	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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Printed: 10/6/2006 10:54:28 AM
[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-29	MW-30	MW-31
Sample ID			MW-29	MW-30	MW-31
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-
Date Sampled			08/28/06	08/25/06	08/22/06
Parameter	**Units**	**Criteria***			
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5	5 UJ	5 U	5 U
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U	14	9
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	6.00E-04	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	1 J	5 U	380 D
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	8
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5	5 U	7	3 J
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	5 UJ	5 UJ	5 U
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

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Printed: 10/6/2006 10:54:28 AM
[MATRIX] = 'WG' AND [LOGDATE] >= #8/22/2006#

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-29	MW-30	MW-31
Sample ID			MW-29	MW-30	MW-31
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-
Date Sampled			08/28/06	08/25/06	08/22/06
Parameter	**Units**	**Criteria***			
Volatile Organic Compounds					
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5	5 U	5 U	5 U
2-Hexanone	UG/L	50	5 U	5 UJ	5 U
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 U
Acetone	UG/L	50	5 U	5 U	56
Benzene	UG/L	1	5 U	1 J	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U
Bromochloromethane	UG/L	5	5 U	5 U	5 U
Bromodichloromethane	UG/L	50	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 U
Chloroethane	UG/L	5	5 U	5 U	5 U
Chloroform	UG/L	7	5 U	5 U	5 U
Chloromethane	UG/L	5	5 U	5 U	5 UJ
Dibromochloromethane	UG/L	50	5 U	5 U	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID			MW-29	MW-30	MW-31
Sample ID			MW-29	MW-30	MW-31
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-
Date Sampled			08/28/06	08/25/06	08/22/06
Parameter	**Units**	**Criteria***			
Volatile Organic Compounds					
Dibromomethane	UG/L	5	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5	5 U	5 U	5 UJ
Ethylbenzene	UG/L	5	5 U	13	1 J
Hexachlorobutadiene	UG/L	0.5	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	10	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	5 U	5 U	5 U
Methylene chloride	UG/L	5	5 U	5 U	5 U
Naphthalene	UG/L	10	5 U	19	2 J
n-Butylbenzene	UG/L	5	5 U	5 U	5 U
n-Propylbenzene	UG/L	5	5 U	4 J	5 U
sec-Butylbenzene	UG/L	5	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5	5 U	5 U	5 U
Tetrachloroethene	UG/L	5	2 J	5 U	180 D
Toluene	UG/L	5	5 U	5 U	5 U
Trichloroethene	UG/L	5	5 U	5 U	350 D
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 U
Vinyl acetate	UG/L	50	5 U	5 U	5 U
Vinyl chloride	UG/L	2	5 U	5 U	2 J
Xylene (total)	UG/L	5	5 U	16	11

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 Addendum). Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

MADE BY: AMK 10/04/2006

CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 3
VALIDATED FIELD QC ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		TRIP BLANK	FIELD BLANK	TRIP BLANK
Matrix		Quality Control	Quality Control	Quality Control
Depth Interval (ft)		-	-	-
Date Sampled		08/24/06	08/28/06	08/28/06
Parameter	**Units**	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	UG/L	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U	5 UJ	5 UJ
1,1,2-Trichloroethane	UG/L	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5 U	5 U	5 U
1,1-Dichloropropene	UG/L	5 U	5 U	5 U
1,2,3-Trichlorobenzene	UG/L	5 U	5 U	5 U
1,2,3-Trichloropropane	UG/L	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U
1,2,4-Trimethylbenzene	UG/L	3 J	5 U	5 U
1,2-Dibromo-3-chloropropane	UG/L	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5 U	5 U	5 U
1,2-Dichloroethene (trans)	UG/L	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5 U	5 UJ	5 UJ
1,3-Dichloropropene (cis)	UG/L	5 U	5 U	5 U
1,3-Dichloropropene (trans)	UG/L	5 U	5 U	5 U

Flags assigned during chemistry validation are shown.

MADE BY: AMK 10/04/2006
CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 3
VALIDATED FIELD QC ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		TRIP BLANK	FIELD BLANK	TRIP BLANK
Matrix		Quality Control	Quality Control	Quality Control
Depth Interval (ft)		-	-	-
Date Sampled		08/24/06	08/28/06	08/28/06
Parameter	**Units**	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds				
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U
2,2-Dichloropropane	UG/L	5 U	5 U	5 U
2-Chlorotoluene	UG/L	5 U	5 U	5 U
2-Hexanone	UG/L	5 U	5 U	5 U
4-Chlorotoluene	UG/L	5 U	5 U	5 U
4-Isopropyltoluene (p-Cymene)	UG/L	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	5 U	5 U	5 U
Acetone	UG/L	5 U	5 U	5 U
Benzene	UG/L	5 U	5 U	5 U
Bromobenzene	UG/L	5 U	5 U	5 U
Bromochloromethane	UG/L	5 U	5 U	5 U
Bromodichloromethane	UG/L	5 U	5 U	5 U
Bromoform	UG/L	5 U	5 U	5 U
Bromomethane	UG/L	5 U	5 U	5 U
Carbon disulfide	UG/L	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5 U	5 U	5 U
Chlorobenzene	UG/L	5 U	5 U	5 U
Chloroethane	UG/L	5 U	5 U	5 U
Chloroform	UG/L	5 U	5 U	5 U
Chloromethane	UG/L	5 U	5 U	5 U
Dibromochloromethane	UG/L	5 U	5 U	5 U
Dibromomethane	UG/L	5 U	5 U	5 U
Dichlorodifluoromethane	UG/L	5 U	5 U	5 U

Flags assigned during chemistry validation are shown.

MADE BY: AMK 10/04/2006
CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

TABLE 3
VALIDATED FIELD QC ANALYTICAL RESULTS
1ST AVENUE AND EAST 90TH STREET
NYSDEC WA D00433-11

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		TRIP BLANK	FIELD BLANK	TRIP BLANK
Matrix		Quality Control	Quality Control	Quality Control
Depth Interval (ft)		-	-	-
Date Sampled		08/24/06	08/28/06	08/28/06
Parameter	**Units**	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds				
Ethylbenzene	UG/L	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U
Iodomethane (Methyl iodide)	UG/L	5 U	5 U	5 U
Isopropylbenzene (Cumene)	UG/L	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	5 U	5 U	5 U
Methylene chloride	UG/L	5 U	5 U	5 U
Naphthalene	UG/L	1 J	5 U	5 U
n-Butylbenzene	UG/L	5 U	5 U	5 U
n-Propylbenzene	UG/L	5 U	5 U	5 U
sec-Butylbenzene	UG/L	5 U	5 U	5 U
Styrene	UG/L	5 U	5 U	5 U
tert-Butylbenzene	UG/L	5 U	5 U	5 U
Tetrachloroethene	UG/L	3 J	5 U	5 U
Toluene	UG/L	5 U	5 U	5 U
Trichloroethene	UG/L	5 U	5 U	5 U
Trichlorofluoromethane	UG/L	5 U	5 U	5 U
Vinyl acetate	UG/L	5 U	5 U	5 U
Vinyl chloride	UG/L	5 U	5 U	5 U
Xylene (total)	UG/L	8 J	5 U	5 U

Flags assigned during chemistry validation are shown.

MADE BY: AMK 10/04/2006
CHECKED BY: JJL 10/07/2006

Detection Limits shown are PQL

APPENDIX A

VALIDATED FORM I's

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8226

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U J
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	6	
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H8226

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	2	J
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7885

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7885

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U J
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U J
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

9/3/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7883

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	29	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	20	
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7883

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	34	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

10/3/06

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-04

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7884

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	18	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-04

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7884

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	1	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-05

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7882

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. ________ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:________(uL) Soil Aliquot Volume: ________(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------------	m,p-Xylene	1	J
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	1	J
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	2	J
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-05

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7882

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-06

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7846

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	1	J
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-06

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7846

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
142-28-9	1,3-Dichloropropane	5	U	
127-18-4	Tetrachloroethene	~~5~~ 1	~~U~~ J	15
591-78-6	2-Hexanone	5	U	
124-48-1	Dibromochloromethane	5	U	
106-93-4	1,2-Dibromoethane	5	U	
108-90-7	Chlorobenzene	5	U	
630-20-6	1,1,1,2-Tetrachloroethane	5	U	
100-41-4	Ethylbenzene	5	U	
----------	m,p-Xylene	5	U	
95-47-6	o-Xylene	~~5~~ 2	~~U~~ J	25
1330-20-7	Xylene (Total)	2	J	
100-42-5	Styrene	~~5~~ 4	~~U~~ J	45
75-25-2	Bromoform	5	U	
98-82-8	Isopropylbenzene	5	U	
79-34-5	1,1,2,2-Tetrachloroethane	5	U	
108-86-1	Bromobenzene	5	U	
96-18-4	1,2,3-Trichloropropane	5	U	
103-65-1	n-Propylbenzene	5	U	
95-49-8	2-Chlorotoluene	5	U	
108-67-8	1,3,5-Trimethylbenzene	5	U	
106-43-4	4-Chlorotoluene	5	U	
98-06-6	tert-Butylbenzene	5	U	
95-63-6	1,2,4-Trimethylbenzene	5	U	
135-98-8	sec-Butylbenzene	5	U	
99-87-6	4-Isopropyltoluene	5	U	
541-73-1	1,3-Dichlorobenzene	5	U	
106-46-7	1,4-Dichlorobenzene	5	U	
104-51-8	n-Butylbenzene	5	U	
95-50-1	1,2-Dichlorobenzene	5	U	
96-12-8	1,2-Dibromo-3-chloropropane	5	U	
120-82-1	1,2,4-Trichlorobenzene	5	U	
87-68-3	Hexachlorobutadiene	5	U	
91-20-3	Naphthalene	5	U	
87-61-6	1,2,3-Trichlorobenzene	5	U	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-07

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7845

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	3	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-07

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7845

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	36	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

mw-07

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BD-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7826

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

MW-07

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BD-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7826

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	36	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7818

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
75-71-8	Dichlorodifluoromethane		5	U
74-87-3	Chloromethane		5	U
75-01-4	Vinyl Chloride		4	J
74-83-9	Bromomethane		5	U
75-00-3	Chloroethane		5	U
75-69-4	Trichlorofluoromethane		5	U
75-35-4	1,1-Dichloroethene		5	U
67-64-1	Acetone		5	U
74-88-4	Iodomethane		5	U
75-15-0	Carbon Disulfide		5	U
75-09-2	Methylene Chloride		5	U
156-60-5	trans-1,2-Dichloroethene		5	U
1634-04-4	Methyl tert-butyl ether		5	U
75-34-3	1,1-Dichloroethane		5	U
108-05-4	Vinyl acetate		5	U
78-93-3	2-Butanone		5	U
156-59-2	cis-1,2-Dichloroethene	410	~~410~~ E	D
590-20-7	2,2-Dichloropropane		5	U
74-97-5	Bromochloromethane		5	U
67-66-3	Chloroform		5	U
71-55-6	1,1,1-Trichloroethane		5	U
563-58-6	1,1-Dichloropropene		5	U
56-23-5	Carbon Tetrachloride		5	U
107-06-2	1,2-Dichloroethane		5	U
71-43-2	Benzene		4	J
79-01-6	Trichloroethene	620	~~520~~ E	D
78-87-5	1,2-Dichloropropane		5	U
74-95-3	Dibromomethane		5	U
75-27-4	Bromodichloromethane		5	U
10061-01-5	cis-1,3-Dichloropropene		5	U
108-10-1	4-Methyl-2-pentanone		5	U
108-88-3	Toluene		5	U
10061-02-6	trans-1,3-Dichloropropene		5	U
79-00-5	1,1,2-Trichloroethane		5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7818

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	9600 ~~2700~~	E D
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-10ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7847

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 80.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	400	U
74-87-3	Chloromethane	400	U
75-01-4	Vinyl Chloride	400	U
74-83-9	Bromomethane	400	U
75-00-3	Chloroethane	400	U
75-69-4	Trichlorofluoromethane	400	U
75-35-4	1,1-Dichloroethene	400	U
67-64-1	Acetone	400	U
74-88-4	Iodomethane	400	U
75-15-0	Carbon Disulfide	400	U
75-09-2	Methylene Chloride	400	U
156-60-5	trans-1,2-Dichloroethene	400	U
1634-04-4	Methyl tert-butyl ether	400	U
75-34-3	1,1-Dichloroethane	400	U
108-05-4	Vinyl acetate	400	U
78-93-3	2-Butanone	400	U
156-59-2	cis-1,2-Dichloroethene	470	D
590-20-7	2,2-Dichloropropane	400	U
74-97-5	Bromochloromethane	400	U
67-66-3	Chloroform	400	U
71-55-6	1,1,1-Trichloroethane	400	U
563-58-6	1,1-Dichloropropene	400	U
56-23-5	Carbon Tetrachloride	400	U
107-06-2	1,2-Dichloroethane	400	U
71-43-2	Benzene	400	U
79-01-6	Trichloroethene	620	D
78-87-5	1,2-Dichloropropane	400	U
74-95-3	Dibromomethane	400	U
75-27-4	Bromodichloromethane	400	U
10061-01-5	cis-1,3-Dichloropropene	400	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	400	U
10061-02-6	trans-1,3-Dichloropropene	400	U
79-00-5	1,1,2-Trichloroethane	400	U

10/3/06

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-10ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7847

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 80.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	400	U
127-18-4	Tetrachloroethene	9600	D
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	400	U
106-93-4	1,2-Dibromoethane	400	U
108-90-7	Chlorobenzene	400	U
630-20-6	1,1,1,2-Tetrachloroethane	400	U
100-41-4	Ethylbenzene	400	U
----------	m,p-Xylene	400	U
95-47-6	o-Xylene	400	U
1330-20-7	Xylene (Total)	400	U
100-42-5	Styrene	400	U
75-25-2	Bromoform	400	U
98-82-8	Isopropylbenzene	400	U
79-34-5	1,1,2,2-Tetrachloroethane	400	U
108-86-1	Bromobenzene	400	U
96-18-4	1,2,3-Trichloropropane	400	U
103-65-1	n-Propylbenzene	400	U
95-49-8	2-Chlorotoluene	400	U
108-67-8	1,3,5-Trimethylbenzene	400	U
106-43-4	4-Chlorotoluene	400	U
98-06-6	tert-Butylbenzene	400	U
95-63-6	1,2,4-Trimethylbenzene	400	U
135-98-8	sec-Butylbenzene	400	U
99-87-6	4-Isopropyltoluene	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
104-51-8	n-Butylbenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
96-12-8	1,2-Dibromo-3-chloropropane	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
91-20-3	Naphthalene	400	U
87-61-6	1,2,3-Trichlorobenzene	400	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-09

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7744

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U J
74-87-3	Chloromethane	5	U J
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	14	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	3	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	22	
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-09

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7744

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	190	
----------	m,p-Xylene	87	
95-47-6	o-Xylene	67	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	20	
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	14	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	8	
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	80	
135-98-8	sec-Butylbenzene	2	J
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	330 ~~270~~	ED
87-61-6	1,2,3-Trichlorobenzene	5	U

DLM 08/06

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-09DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-08ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7810

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
67-64-1	Acetone	10	U
74-88-4	Iodomethane	10	U
75-15-0	Carbon Disulfide	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	12	D
75-34-3	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
78-93-3	2-Butanone	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
590-20-7	2,2-Dichloropropane	10	U
74-97-5	Bromochloromethane	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
563-58-6	1,1-Dichloropropene	10	U
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	3	DJ
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
74-95-3	Dibromomethane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	25	D
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U

10/3/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-09DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-08ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7810

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
100-41-4	Ethylbenzene	200	D
----------	m,p-Xylene	110	D
95-47-6	o-Xylene	86	D
1330-20-7	Xylene (Total)	190	D
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	11	D
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-86-1	Bromobenzene	10	U
96-18-4	1,2,3-Trichloropropane	10	U
103-65-1	n-Propylbenzene	6	DJ
95-49-8	2-Chlorotoluene	10	U
108-67-8	1,3,5-Trimethylbenzene	10	U
106-43-4	4-Chlorotoluene	10	U
98-06-6	tert-Butylbenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	100	D
135-98-8	sec-Butylbenzene	10	U
99-87-6	4-Isopropyltoluene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
104-51-8	n-Butylbenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
91-20-3	Naphthalene	330	D
87-61-6	1,2,3-Trichlorobenzene	10	U

10/3/06

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7745

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U J
74-87-3	Chloromethane	5	U J
75-01-4	Vinyl Chloride	3	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	1	J
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	160	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	160	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	480 ~~370~~	E D
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	1	J
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7745

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	8500 ~~2600~~	E D
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	9	
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	
100-42-5	Styrene	10	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	2	J
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5 4	J D
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	9	
		5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-09ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7811

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 50.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	250	U
74-88-4	Iodomethane	250	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	250	U
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-butyl ether	170	DJ
75-34-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl acetate	250	U
78-93-3	2-Butanone	250	U
156-59-2	cis-1,2-Dichloroethene	190	DJ
590-20-7	2,2-Dichloropropane	250	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
563-58-6	1,1-Dichloropropene	250	U
56-23-5	Carbon Tetrachloride	250	U
107-06-2	1,2-Dichloroethane	250	U
71-43-2	Benzene	250	U
79-01-6	Trichloroethene	480	D
78-87-5	1,2-Dichloropropane	250	U
74-95-3	Dibromomethane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	250	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-09ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7811

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 50.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	250	U
127-18-4	Tetrachloroethene	8500	D
591-78-6	2-Hexanone	250	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
630-20-6	1,1,1,2-Tetrachloroethane	250	U
100-41-4	Ethylbenzene	250	U
----------	m,p-Xylene	250	U
95-47-6	o-Xylene	250	U
1330-20-7	Xylene (Total)	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
108-86-1	Bromobenzene	250	U
96-18-4	1,2,3-Trichloropropane	250	U
103-65-1	n-Propylbenzene	250	U
95-49-8	2-Chlorotoluene	250	U
108-67-8	1,3,5-Trimethylbenzene	250	U
106-43-4	4-Chlorotoluene	250	U
98-06-6	tert-Butylbenzene	250	U
95-63-6	1,2,4-Trimethylbenzene	250	U
135-98-8	sec-Butylbenzene	250	U
99-87-6	4-Isopropyltoluene	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
104-51-8	n-Butylbenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
87-68-3	Hexachlorobutadiene	250	U
91-20-3	Naphthalene	120	DJ
87-61-6	1,2,3-Trichlorobenzene	250	U

9/5/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7820

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	61	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	71	
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	24	
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7820

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	14	~~U~~
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	1500 ~~820~~	E D
95-47-6	o-Xylene	2600 ~~1100~~	E D
1330-20-7	Xylene (Total)	4100 ~~1900~~	E D
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	45	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	110	
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	650 ~~360~~	E D
135-98-8	sec-Butylbenzene	5	
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	290 ~~370~~	E D
87-61-6	1,2,3-Trichlorobenzene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-12ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7848

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 16.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	80	U
74-87-3	Chloromethane	80	U
75-01-4	Vinyl Chloride	80	U
74-83-9	Bromomethane	80	U
75-00-3	Chloroethane	80	U
75-69-4	Trichlorofluoromethane	80	U
75-35-4	1,1-Dichloroethene	80	U
67-64-1	Acetone	80	U
74-88-4	Iodomethane	80	U
75-15-0	Carbon Disulfide	80	U
75-09-2	Methylene Chloride	80	U
156-60-5	trans-1,2-Dichloroethene	80	U
1634-04-4	Methyl tert-butyl ether	59	DJ
75-34-3	1,1-Dichloroethane	80	U
108-05-4	Vinyl acetate	80	U
78-93-3	2-Butanone	80	U
156-59-2	cis-1,2-Dichloroethene	80	U
590-20-7	2,2-Dichloropropane	80	U
74-97-5	Bromochloromethane	80	U
67-66-3	Chloroform	80	U
71-55-6	1,1,1-Trichloroethane	80	U
563-58-6	1,1-Dichloropropene	80	U
56-23-5	Carbon Tetrachloride	80	U
107-06-2	1,2-Dichloroethane	80	U
71-43-2	Benzene	77	DJ
79-01-6	Trichloroethene	80	U
78-87-5	1,2-Dichloropropane	80	U
74-95-3	Dibromomethane	80	U
75-27-4	Bromodichloromethane	80	U
10061-01-5	cis-1,3-Dichloropropene	80	U
108-10-1	4-Methyl-2-pentanone	80	U
108-88-3	Toluene	26	DJ
10061-02-6	trans-1,3-Dichloropropene	80	U
79-00-5	1,1,2-Trichloroethane	80	U

09/31/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-12ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7848

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 16.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	80	U
127-18-4	Tetrachloroethene	80	U
591-78-6	2-Hexanone	80	U
124-48-1	Dibromochloromethane	80	U
106-93-4	1,2-Dibromoethane	80	U
108-90-7	Chlorobenzene	80	U
630-20-6	1,1,1,2-Tetrachloroethane	80	U
100-41-4	Ethylbenzene	80	U
----------	m,p-Xylene	1500	D
95-47-6	o-Xylene	2600	D
1330-20-7	Xylene (Total)	4100	DU
100-42-5	Styrene	80	U
75-25-2	Bromoform	80	U
98-82-8	Isopropylbenzene	49	DJ
79-34-5	1,1,2,2-Tetrachloroethane	80	U
108-86-1	Bromobenzene	80	U
96-18-4	1,2,3-Trichloropropane	80	U
103-65-1	n-Propylbenzene	80	U
95-49-8	2-Chlorotoluene	80	U
108-67-8	1,3,5-Trimethylbenzene	130	D
106-43-4	4-Chlorotoluene	80	U
98-06-6	tert-Butylbenzene	80	U
95-63-6	1,2,4-Trimethylbenzene	650	D
135-98-8	sec-Butylbenzene	80	U
99-87-6	4-Isopropyltoluene	80	U
541-73-1	1,3-Dichlorobenzene	80	U
106-46-7	1,4-Dichlorobenzene	80	U
104-51-8	n-Butylbenzene	80	U
95-50-1	1,2-Dichlorobenzene	80	U
96-12-8	1,2-Dibromo-3-chloropropane	80	U
120-82-1	1,2,4-Trichlorobenzene	80	U
87-68-3	Hexachlorobutadiene	80	U
91-20-3	Naphthalene	290	D
87-61-6	1,2,3-Trichlorobenzene	80	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7821

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
75-71-8	Dichlorodifluoromethane		5	U
74-87-3	Chloromethane		5	U
75-01-4	Vinyl Chloride		5	U
74-83-9	Bromomethane		5	U
75-00-3	Chloroethane		5	U
75-69-4	Trichlorofluoromethane		5	U
75-35-4	1,1-Dichloroethene		5	U
67-64-1	Acetone		170	
74-88-4	Iodomethane		5	U
75-15-0	Carbon Disulfide		5	U
75-09-2	Methylene Chloride		5	U
156-60-5	trans-1,2-Dichloroethene		5	U
1634-04-4	Methyl tert-butyl ether	19000	~~2900~~	E D
75-34-3	1,1-Dichloroethane		5	U
108-05-4	Vinyl acetate		5	U
78-93-3	2-Butanone		5	U
156-59-2	cis-1,2-Dichloroethene		5	U
590-20-7	2,2-Dichloropropane		5	U
74-97-5	Bromochloromethane		5	U
67-66-3	Chloroform		5	U
71-55-6	1,1,1-Trichloroethane		5	U
563-58-6	1,1-Dichloropropene		5	U
56-23-5	Carbon Tetrachloride		5	U
107-06-2	1,2-Dichloroethane		5	U
71-43-2	Benzene	1000	~~550~~	E D
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
74-95-3	Dibromomethane		5	U
75-27-4	Bromodichloromethane		5	U
10061-01-5	cis-1,3-Dichloropropene		5	U
108-10-1	4-Methyl-2-pentanone		5	U
108-88-3	Toluene	2400	~~620~~	E D
10061-02-6	trans-1,3-Dichloropropene		5	U
79-00-5	1,1,2-Trichloroethane		5	U

CLP 10/2006

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7821

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	12	~~U~~
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	1100 ~~600~~	~~E~~ D
	m,p-Xylene	8400 ~~1700~~	~~E~~ D
95-47-6	o-Xylene	4200 ~~1300~~	~~E~~ D
1330-20-7	Xylene (Total)	13000 ~~3000~~	~~E~~ D
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	69	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	110	
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	1300 ~~430~~	~~E~~ D
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	3700 ~~570~~	~~E~~ D
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	15	
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	450 ~~430~~	~~E~~ D5
87-61-6	1,2,3-Trichlorobenzene	5	U

10/2/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-13ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7849

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	1000	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	1000	U
67-64-1	Acetone	1000	U
74-88-4	Iodomethane	1000	U
75-15-0	Carbon Disulfide	1000	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
1634-04-4	Methyl tert-butyl ether	19000	D
75-34-3	1,1-Dichloroethane	1000	U
108-05-4	Vinyl acetate	1000	U
78-93-3	2-Butanone	1000	U
156-59-2	cis-1,2-Dichloroethene	1000	U
590-20-7	2,2-Dichloropropane	1000	U
74-97-5	Bromochloromethane	1000	U
67-66-3	Chloroform	1000	U
71-55-6	1,1,1-Trichloroethane	1000	U
563-58-6	1,1-Dichloropropene	1000	U
56-23-5	Carbon Tetrachloride	1000	U
107-06-2	1,2-Dichloroethane	1000	U
71-43-2	Benzene	1000	D
79-01-6	Trichloroethene	1000	U
78-87-5	1,2-Dichloropropane	1000	U
74-95-3	Dibromomethane	1000	U
75-27-4	Bromodichloromethane	1000	U
10061-01-5	cis-1,3-Dichloropropene	1000	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	2400	D
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U

10/3/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-13ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7849

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 200.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	1000	U
127-18-4	Tetrachloroethene	1000	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	1000	U
106-93-4	1,2-Dibromoethane	1000	U
108-90-7	Chlorobenzene	1000	U
630-20-6	1,1,1,2-Tetrachloroethane	1000	U
100-41-4	Ethylbenzene	1100	D
----------	m,p-Xylene	8400	D
95-47-6	o-Xylene	4200	D
1330-20-7	Xylene (Total)	13000	D
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
98-82-8	Isopropylbenzene	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U
108-86-1	Bromobenzene	1000	U
96-18-4	1,2,3-Trichloropropane	1000	U
103-65-1	n-Propylbenzene	220	DJ
95-49-8	2-Chlorotoluene	1000	U
108-67-8	1,3,5-Trimethylbenzene	1300	D
106-43-4	4-Chlorotoluene	1000	U
98-06-6	tert-Butylbenzene	1000	U
95-63-6	1,2,4-Trimethylbenzene	3700	D
135-98-8	sec-Butylbenzene	1000	U
99-87-6	4-Isopropyltoluene	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
104-51-8	n-Butylbenzene	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
87-68-3	Hexachlorobutadiene	1000	U
91-20-3	Naphthalene	450	DJ
87-61-6	1,2,3-Trichlorobenzene	1000	U

09/12/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7891

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	7	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7891

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

mw-14

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BD-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7893

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	8	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

mw-14

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BD-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7893

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
142-28-9	1,3-Dichloropropane		5	U J
127-18-4	Tetrachloroethene		5	U
591-78-6	2-Hexanone		5	U
124-48-1	Dibromochloromethane		5	U
106-93-4	1,2-Dibromoethane		5	U
108-90-7	Chlorobenzene		5	U
630-20-6	1,1,1,2-Tetrachloroethane		5	U
100-41-4	Ethylbenzene		5	U
----------	m,p-Xylene		5	U
95-47-6	o-Xylene		5	U
1330-20-7	Xylene (Total)		5	U
100-42-5	Styrene		5	U
75-25-2	Bromoform		5	U
98-82-8	Isopropylbenzene		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U J
108-86-1	Bromobenzene		5	U
96-18-4	1,2,3-Trichloropropane		5	U
103-65-1	n-Propylbenzene		5	U
95-49-8	2-Chlorotoluene		5	U
108-67-8	1,3,5-Trimethylbenzene		5	U
106-43-4	4-Chlorotoluene		5	U
98-06-6	tert-Butylbenzene		5	U
95-63-6	1,2,4-Trimethylbenzene		5	U
135-98-8	sec-Butylbenzene		5	U
99-87-6	4-Isopropyltoluene		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
104-51-8	n-Butylbenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
96-12-8	1,2-Dibromo-3-chloropropane		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
87-68-3	Hexachlorobutadiene		5	U
91-20-3	Naphthalene		5	U
87-61-6	1,2,3-Trichlorobenzene		5	U

10/3/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7890

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	3	J
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-15

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7890

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

10/3/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7741

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

10/26/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7741

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7742

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	3	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-17

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7742

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-18

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7739

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	UJ
74-87-3	Chloromethane	5	UJ
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	15	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	7	
156-59-2	cis-1,2-Dichloroethene	3	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

10/24/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-18

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7739

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	1	J
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	~~5~~ 1	~~U~~ J
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5627

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

09/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E5627

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

10/19/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-20

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7892

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-20

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7892

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

10/3/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-21

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7740

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U J
74-87-3	Chloromethane	5	U J
75-01-4	Vinyl Chloride	2	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	14	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	29	
156-59-2	cis-1,2-Dichloroethene	17	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	91	
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	54	
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

10/25/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-21

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7740

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	50	
----------	m,p-Xylene	140	
95-47-6	o-Xylene	77	
1330-20-7	Xylene (Total)	220	
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	1	J
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	19	
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	19	
87-61-6	1,2,3-Trichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-22

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7855

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	3	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-22

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7855

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	~~5~~ 1	~~U~~ J
591-78-6	2-Hexanone	5	UJ
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7857

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	1	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7857

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
142-28-9	1,3-Dichloropropane		5	U J
127-18-4	Tetrachloroethene		1	J
591-78-6	2-Hexanone		5	U J
124-48-1	Dibromochloromethane		5	U
106-93-4	1,2-Dibromoethane		5	U
108-90-7	Chlorobenzene		5	U
630-20-6	1,1,1,2-Tetrachloroethane		5	U
100-41-4	Ethylbenzene		5	U
----------	m,p-Xylene		5	U
95-47-6	o-Xylene		5	U
1330-20-7	Xylene (Total)		5	U
100-42-5	Styrene		5	U
75-25-2	Bromoform		5	U
98-82-8	Isopropylbenzene		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
108-86-1	Bromobenzene		5	U
96-18-4	1,2,3-Trichloropropane		5	U
103-65-1	n-Propylbenzene		5	U
95-49-8	2-Chlorotoluene		5	U
108-67-8	1,3,5-Trimethylbenzene		5	U
106-43-4	4-Chlorotoluene		5	U
98-06-6	tert-Butylbenzene		5	U
95-63-6	1,2,4-Trimethylbenzene		5	U
135-98-8	sec-Butylbenzene		5	U
99-87-6	4-Isopropyltoluene		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
104-51-8	n-Butylbenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
96-12-8	1,2-Dibromo-3-chloropropane		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
87-68-3	Hexachlorobutadiene		5	U
91-20-3	Naphthalene		5	U
87-61-6	1,2,3-Trichlorobenzene		5	U

10/2/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7858

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	3	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7858

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-25

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7805

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-25

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7805

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	8	~~U~~
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-26

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7854

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	2	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-26

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7854

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

3 J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-26
EPA SAMPLE NO.

BD-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7856

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	2	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

mw-26

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BD-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7856

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U J
127-18-4	Tetrachloroethene	~~5~~ ~~5~~ ~~5~~ 3J	
591-78-6	2-Hexanone	5	U J
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-27

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7743

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	3	J
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	19	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	22	
79-01-6	Trichloroethene	1	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

10/2/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-27

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7743

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-28

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7889

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-28

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7889

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U J
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U J
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-29

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7886

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	1	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-29

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7886

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U J
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U J
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

10/3/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-30

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7859

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	1	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-30

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7859

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/31/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	UJ
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	UJ
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	13	
----------	m,p-Xylene	13	
95-47-6	o-Xylene	3	J
1330-20-7	Xylene (Total)	16	
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	10	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	4	J
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	7	
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	14	
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	19	
87-61-6	1,2,3-Trichlorobenzene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-31

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7737

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	UJ
74-87-3	Chloromethane	5	UJ
75-01-4	Vinyl Chloride	2	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	56	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	8	
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	380 ~~340~~	E D
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	350 ~~330~~	E D
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-31

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7737

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/26/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	180 ~~210~~	E D
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	1	J
----------	m,p-Xylene	6	~~U~~
95-47-6	o-Xylene	4	J
1330-20-7	Xylene (Total)	11	~~U~~
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	3	J
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	9	~~U~~
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	2 ~~3~~	~~U~~ J
87-61-6	1,2,3-Trichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-31DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-01ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7809

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 3.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
67-64-1	Acetone	62	D
74-88-4	Iodomethane	15	U
75-15-0	Carbon Disulfide	15	U
75-09-2	Methylene Chloride	15	U
156-60-5	trans-1,2-Dichloroethene	8	DJ
1634-04-4	Methyl tert-butyl ether	15	U
75-34-3	1,1-Dichloroethane	15	U
108-05-4	Vinyl acetate	15	U
78-93-3	2-Butanone	15	U
156-59-2	cis-1,2-Dichloroethene	380	D
590-20-7	2,2-Dichloropropane	15	U
74-97-5	Bromochloromethane	15	U
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
563-58-6	1,1-Dichloropropene	15	U
56-23-5	Carbon Tetrachloride	15	U
107-06-2	1,2-Dichloroethane	15	U
71-43-2	Benzene	15	U
79-01-6	Trichloroethene	350	D
78-87-5	1,2-Dichloropropane	15	U
74-95-3	Dibromomethane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-pentanone	15	U
108-88-3	Toluene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U

10/3/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-31DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-01ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7809

Level: (low/med) LOW Date Received: 08/24/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 3.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	15	U
127-18-4	Tetrachloroethene	180	D
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	15	U
630-20-6	1,1,1,2-Tetrachloroethane	15	U
100-41-4	Ethylbenzene	15	U
----------	m,p-Xylene	5	DJ
95-47-6	o-Xylene	4	DJ
1330-20-7	Xylene (Total)	9	DJ
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-86-1	Bromobenzene	15	U
96-18-4	1,2,3-Trichloropropane	15	U
103-65-1	n-Propylbenzene	15	U
95-49-8	2-Chlorotoluene	15	U
108-67-8	1,3,5-Trimethylbenzene	4	DJ
106-43-4	4-Chlorotoluene	15	U
98-06-6	tert-Butylbenzene	15	U
95-63-6	1,2,4-Trimethylbenzene	8	DJ
135-98-8	sec-Butylbenzene	15	U
99-87-6	4-Isopropyltoluene	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
104-51-8	n-Butylbenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U
87-68-3	Hexachlorobutadiene	15	U
91-20-3	Naphthalene	15	U
87-61-6	1,2,3-Trichlorobenzene	15	U

10/3/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7887

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7887

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U J
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U J
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

10/4/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7823

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix: (soil/water) WATER Lab Sample ID: E1287-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7823

Level: (low/med) LOW Date Received: 08/26/06

% Moisture: not dec. _____ Date Analyzed: 08/30/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	
95-47-6	o-Xylene	2	J
1330-20-7	Xylene (Total)	8	
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	3	J
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	1	J
87-61-6	1,2,3-Trichlorobenzene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7888

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Matrix: (soil/water) WATER Lab Sample ID: E1312-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H7888

Level: (low/med) LOW Date Received: 08/30/06

% Moisture: not dec. _____ Date Analyzed: 09/01/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U J
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U J
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

APPENDIX B

SUPPORT DOCUMENTATION

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO			INVOICE TO		
COMPANY URS Corp.	PHONE 716-856-5636		COMPANY Same	PHONE	LAB PROJECT #: E1287
NAME Chuck Diesel	FAX 716-856-2545		NAME	FAX	
ADDRESS 77 Goodell Street			ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Buffalo, NY 14203			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Upper East Side		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: 8260	COMMENTS
MW-31	8/22/06 / 1115			X			01	2	2	
MW-19	/ 1220			X			02	2	2	
MW-18	/ 1320			X			03	2	2	
MW-21	/ 1410			X			04	2	2	
MW-16	8/23/06 / 1000			X			05	2	2	
MW-17	/ 1120			X			06	2	2	
MW-27	/ 1220			X			07	2	2	
MW-09	/ 1400			X			08	2	2	
MW-10	/ 1435			X			09	2	2	
	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Michael C. Tingley	8/23/06 / 1630	Ken Kin	8/24/06 / 8:45		1° C
		/		/		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO			INVOICE TO		
COMPANY URS Corp.	PHONE 716-856-5636		COMPANY SAME	PHONE	LAB PROJECT #:
NAME Chuck Dusel	FAX 716-856-2545		NAME	FAX	
ADDRESS 77 Goodell Street			ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Buffalo, NY 14203			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Upper East Side		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	8260	COMMENTS
MW-08	8/24/06/0925			X			10	2	2	
MW-07	/0955			X			11	2	2	
MW-12	/1055			X			12	2	2	
MW-13	/1140			X			13	2	2	
MW-06	/			X			14	2	2	
MW-26	8/25/06/1005			X			15	2	2	
BD-01	8/24/06/			X			16	2	2	Blind Duplicate
Trip Blank	/			X			17	2	2	
MW-22	8/25/06/0955			X			18	2	2	
MW-25	8/25/06/1110			X			19	2	2	
MW-25MS/MSD	8/25/06/1110			X			↓	4	4	Matrix Spike & Dupe
BD-07	8/25/06/			X			20	2	2	Blind Duplicate

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Michael C. Jungly	8/25/06/1500	Xiangdong Ding	8/26/06 9:10		10C
		/		/		
		/		/		

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SDG Narrative

Mitkem Corporation submits the enclosed data package in response to URS Corporation's 1st Ave. and 90th St. Site Characterization project. Under this deliverable, analysis results are presented for twenty aqueous samples that were received on September 24 and 26, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms. Following the narrative is the Mitkem Work Order for cross-referencing sample client ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (2000 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits for the exception of high high recovery of 1, 1,2,2-tetrachloroethane in V2TLCS, high recovery of 1,3-dichloropropane and 1,1,2,2-tetrachloroethane in V2ULCS and high recovery of 2,2-dichloropropane and low recovery of 1,2-dibromo-3-chloropropane, naphthalene and 1,2,3-trichlorobenzene in V6CLCS. Replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample MW-25. Spike recoveries were within the QC limits with the exception of low recovery of 2-butanone, 1,2-dichloroethane, bromoform 1,2-dibromo-3-chloropropane, naphthalene and 1,2,3-trichlorobenzene in the matrix spike. Replicate RPDs were within the QC limits with the exception of acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane and naphthalene.

Sample analysis: due to the high concentration of target analytes, the following samples were re-analyzed at dilution: MW-08 (80x), MW-09 (2x), MW-10 (50x), MW-12 (16x), MW-13 (200x) and MW-31 (3x). No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng
CLP Project Manager
09/25/06

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Lab File ID: V6E5624 Lab Sample ID: MB-25624

Date Analyzed: 08/29/06 Time Analyzed: 1631

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6CLCS	LCS-25624	V6E5625	1700
02	MW-19	E1287-02A	V6E5627	1749
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COMMENTS:

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix Spike - Sample No.: V6CLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		48	96	48-135
Chloromethane	50		45	90	60-118
Vinyl Chloride	50		48	96	65-113
Bromomethane	50		52	104	73-122
Chloroethane	50		50	100	72-118
Trichlorofluoromethane	50		44	88	68-129
1,1-Dichloroethene	50		54	108	67-121
Acetone	50		42	84	38-161
Iodomethane	50		51	102	72-130
Carbon Disulfide	50		53	106	53-137
Methylene Chloride	50		51	102	59-132
trans-1,2-Dichloroethen	50		53	106	71-124
Methyl tert-butyl ether	50		47	94	75-123
1,1-Dichloroethane	50		50	100	83-116
Vinyl acetate	50		47	94	44-160
2-Butanone	50		46	92	64-139
cis-1,2-Dichloroethene	50		52	104	83-120
2,2-Dichloropropane	50		65	130*	70-129
Bromochloromethane	50		50	100	85-124
Chloroform	50		54	108	89-118
1,1,1-Trichloroethane	50		51	102	81-122
1,1-Dichloropropene	50		52	104	76-122
Carbon Tetrachloride	50		52	104	79-125
1,2-Dichloroethane	50		49	98	83-123
Benzene	50		51	102	81-120
Trichloroethene	50		53	106	77-121
1,2-Dichloropropane	50		51	102	81-116
Dibromomethane	50		48	96	86-124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Matrix Spike - Sample No.: V6CLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		54	108	77-117
sec-Butylbenzene	50		52	104	67-117
4-Isopropyltoluene	50		54	108	68-118
1,3-Dichlorobenzene	50		53	106	80-116
1,4-Dichlorobenzene	50		51	102	80-114
n-Butylbenzene	50		51	102	58-121
1,2-Dichlorobenzene	50		50	100	81-116
1,2-Dibromo-3-chloropro	50		34	68*	71-126
1,2,4-Trichlorobenzene	50		36	72	67-114
Hexachlorobutadiene	50		47	94	50-111
Naphthalene	50		25	50*	58-133
1,2,3-Trichlorobenzene	50		30	60*	64-118

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 4 out of 68 outside limits

COMMENTS: _____

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Lab File ID: V2H7720 BFB Injection Date: 08/26/06

Instrument ID: V2 BFB Injection Time: 0936

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	49.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	76.8
175	5.0 - 9.0% of mass 174	5.9 (7.7)1
176	95.0 - 101.0% of mass 174	74.1 (96.5)1
177	5.0 - 9.0% of mass 176	4.9 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0502P	VSTD0502P	V2H7721	08/26/06	0950
02	VBLK2P	MB-25561	V2H7722	08/26/06	1026
03	V2PLCS	LCS-25561	V2H7723	08/26/06	1053
04	V2PLCSD	LCSD-25561	V2H7724	08/26/06	1121
05	MW-31	E1287-01A	V2H7737	08/26/06	1722
06	MW-18	E1287-03A	V2H7739	08/26/06	1818
07	MW-21	E1287-04A	V2H7740	08/26/06	1846
08	MW-16	E1287-05A	V2H7741	08/26/06	1913
09	MW-17	E1287-06A	V2H7742	08/26/06	1941
10	MW-27	E1287-07A	V2H7743	08/26/06	2009
11	MW-09	E1287-08A	V2H7744	08/26/06	2037
12	MW-10	E1287-09A	V2H7745	08/26/06	2104
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Instrument ID: V2 Calibration Date: 08/26/06 Time: 0950

Lab File ID: V2H7721 Init. Calib. Date(s): 08/24/06 08/24/06

Heated Purge: (Y/N) N Init. Calib. Times: 0753 1048

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.253	0.158	0.01	37.5	20.0	<-
Chloromethane	0.378	0.286	0.1	24.3	20.0	<-
Vinyl Chloride	0.284	0.228	0.01	19.7	20.0	
Bromomethane	0.159	0.132	0.01	17.0	20.0	
Chloroethane	0.131	0.114	0.01	13.0	20.0	
Trichlorofluoromethane	0.362	0.318	0.01	12.2	20.0	
1,1-Dichloroethene	0.183	0.168	0.01	8.2	20.0	
Acetone	0.163	0.139	0.01	14.7	20.0	
Iodomethane	0.443	0.391	0.01	11.7	20.0	
Carbon Disulfide	0.629	0.552	0.01	12.2	20.0	
Methylene Chloride	0.203	0.187	0.01	7.9	20.0	
trans-1,2-Dichloroethene	0.207	0.190	0.01	8.2	20.0	
Methyl tert-butyl ether	0.711	0.628	0.01	11.7	20.0	
1,1-Dichloroethane	0.547	0.547	0.1	0.0	20.0	
Vinyl acetate	1.177	1.115	0.01	5.3	20.0	
2-Butanone	0.189	0.187	0.01	1.0	20.0	
cis-1,2-Dichloroethene	0.295	0.302	0.01	2.4	20.0	
2,2-Dichloropropane	0.469	0.443	0.01	5.5	20.0	
Bromochloromethane	0.143	0.142	0.01	0.7	20.0	
Chloroform	0.531	0.525	0.01	1.1	20.0	
1,1,1-Trichloroethane	0.495	0.459	0.01	7.3	20.0	
1,1-Dichloropropene	0.132	0.125	0.01	5.3	20.0	
Carbon Tetrachloride	0.451	0.396	0.01	12.2	20.0	
1,2-Dichloroethane	0.502	0.459	0.01	8.6	20.0	
Benzene	0.938	0.962	0.01	2.6	20.0	
Trichloroethene	0.287	0.271	0.01	5.6	20.0	
1,2-Dichloropropane	0.277	0.284	0.01	2.5	20.0	
Dibromomethane	0.209	0.209	0.01	0.0	20.0	
Bromodichloromethane	0.398	0.386	0.01	3.0	20.0	
cis-1,3-Dichloropropene	0.459	0.461	0.01	0.4	20.0	
4-Methyl-2-pentanone	0.315	0.321	0.01	1.9	20.0	
Toluene	0.987	0.998	0.01	1.1	20.0	
trans-1,3-Dichloropropene	0.441	0.438	0.01	0.7	20.0	
1,1,2-Trichloroethane	0.242	0.236	0.01	2.5	20.0	
1,3-Dichloropropane	0.608	0.658	0.01	8.2	20.0	
Tetrachloroethene	0.382	0.361	0.01	5.5	20.0	
2-Hexanone	0.361	0.389	0.01	7.8	20.0	

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Lab File ID: V2H7840 BFB Injection Date: 08/31/06

Instrument ID: V2 BFB Injection Time: 0909

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.2
75	30.0 - 60.0% of mass 95	49.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	78.4
175	5.0 - 9.0% of mass 174	6.0 (7.6)1
176	95.0 - 101.0% of mass 174	77.0 (98.2)1
177	5.0 - 9.0% of mass 176	5.1 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0502U	VSTD0502U	V2H7841	08/31/06	0923
02	VBLK2U	MB-25662	V2H7842	08/31/06	0958
03	V2ULCS	LCS-25662	V2H7843	08/31/06	1026
04	MW-07	E1287-11A	V2H7845	08/31/06	1122
05	MW-06	E1287-14A	V2H7846	08/31/06	1150
06	MW-08DL	E1287-10ADL	V2H7847	08/31/06	1217
07	MW-12DL	E1287-12ADL	V2H7848	08/31/06	1245
08	MW-13DL	E1287-13ADL	V2H7849	08/31/06	1312
09	MW-26	E1287-15A	V2H7854	08/31/06	1530
10	MW-22	E1287-18A	V2H7855	08/31/06	1557
11	BD-02	E1287-20A	V2H7856	08/31/06	1625
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Instrument ID: V2 Calibration Date: 08/31/06 Time: 0923

Lab File ID: V2H7841 Init. Calib. Date(s): 08/24/06 08/24/06

Heated Purge: (Y/N) N Init. Calib. Times: 0753 1048

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.253	0.207	0.01	18.2	20.0	
Chloromethane	0.378	0.306	0.1	19.0	20.0	
Vinyl Chloride	0.284	0.244	0.01	14.1	20.0	
Bromomethane	0.159	0.148	0.01	6.9	20.0	
Chloroethane	0.131	0.118	0.01	9.9	20.0	
Trichlorofluoromethane	0.362	0.372	0.01	2.8	20.0	
1,1-Dichloroethene	0.183	0.185	0.01	1.1	20.0	
Acetone	0.163	0.169	0.01	3.7	20.0	
Iodomethane	0.443	0.432	0.01	2.5	20.0	
Carbon Disulfide	0.629	0.612	0.01	2.7	20.0	
Methylene Chloride	0.203	0.212	0.01	4.4	20.0	
trans-1,2-Dichloroethene	0.207	0.214	0.01	3.4	20.0	
Methyl tert-butyl ether	0.711	0.689	0.01	3.1	20.0	
1,1-Dichloroethane	0.547	0.599	0.1	9.5	20.0	
Vinyl acetate	1.177	1.241	0.01	5.4	20.0	
2-Butanone	0.189	0.223	0.01	18.0	20.0	
cis-1,2-Dichloroethene	0.295	0.326	0.01	10.5	20.0	
2,2-Dichloropropane	0.469	0.500	0.01	6.6	20.0	
Bromochloromethane	0.143	0.157	0.01	9.8	20.0	
Chloroform	0.531	0.578	0.01	8.8	20.0	
1,1,1-Trichloroethane	0.495	0.499	0.01	0.8	20.0	
1,1-Dichloropropene	0.132	0.138	0.01	4.5	20.0	
Carbon Tetrachloride	0.451	0.431	0.01	4.4	20.0	
1,2-Dichloroethane	0.502	0.500	0.01	0.4	20.0	
Benzene	0.938	1.085	0.01	15.7	20.0	
Trichloroethene	0.287	0.298	0.01	3.8	20.0	
1,2-Dichloropropane	0.277	0.317	0.01	14.4	20.0	
Dibromomethane	0.209	0.233	0.01	11.5	20.0	
Bromodichloromethane	0.398	0.429	0.01	7.8	20.0	
cis-1,3-Dichloropropene	0.459	0.510	0.01	11.1	20.0	
4-Methyl-2-pentanone	0.315	0.354	0.01	12.4	20.0	
Toluene	0.987	1.101	0.01	11.6	20.0	
trans-1,3-Dichloropropene	0.441	0.476	0.01	7.9	20.0	
1,1,2-Trichloroethane	0.242	0.259	0.01	7.0	20.0	
1,3-Dichloropropane	0.608	0.760	0.01	25.0	20.0	<-
Tetrachloroethene	0.382	0.420	0.01	9.9	20.0	
2-Hexanone	0.361	0.444	0.01	23.0	20.0	<-

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Lab File ID: V6E5610 BFB Injection Date: 08/29/06

Instrument ID: V6 BFB Injection Time: 0849

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.5
75	30.0 - 60.0% of mass 95	57.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.5 (0.6)1
174	50.0 - 100.0% of mass 95	84.2
175	5.0 - 9.0% of mass 174	5.5 (6.5)1
176	95.0 - 101.0% of mass 174	84.1 (99.8)1
177	5.0 - 9.0% of mass 176	5.3 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0506B	VSTD0506B	V6E5611	08/29/06	0915
02	VBLK6C	MB-25624	V6E5624	08/29/06	1631
03	V6CLCS	LCS-25624	V6E5625	08/29/06	1700
04	MW-19	E1287-02A	V6E5627	08/29/06	1749
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Instrument ID: V6 Calibration Date: 08/29/06 Time: 0915

Lab File ID: V6E5611 Init. Calib. Date(s): 08/05/06 08/05/06

Heated Purge: (Y/N) N Init. Calib. Times: 0049 0254

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.167	0.175	0.01	4.8	20.0	
Chloromethane	0.371	0.360	0.1	3.0	20.0	
Vinyl Chloride	0.333	0.313	0.01	6.0	20.0	
Bromomethane	0.231	0.226	0.01	2.2	20.0	
Chloroethane	0.192	0.188	0.01	2.1	20.0	
Trichlorofluoromethane	0.483	0.523	0.01	8.3	20.0	
1,1-Dichloroethene	0.225	0.254	0.01	12.9	20.0	
Acetone	0.091	0.101	0.01	11.0	20.0	
Iodomethane	0.516	0.526	0.01	1.9	20.0	
Carbon Disulfide	0.763	0.864	0.01	13.2	20.0	
Methylene Chloride	0.273	0.268	0.01	1.8	20.0	
trans-1,2-Dichloroethene	0.287	0.303	0.01	5.6	20.0	
Methyl tert-butyl ether	0.863	0.818	0.01	5.2	20.0	
1,1-Dichloroethane	0.537	0.575	0.1	7.1	20.0	
Vinyl acetate	1.256	1.201	0.01	4.4	20.0	
2-Butanone	0.133	0.122	0.01	8.3	20.0	
cis-1,2-Dichloroethene	0.307	0.321	0.01	4.6	20.0	
2,2-Dichloropropane	0.416	0.571	0.01	37.2	20.0	<-
Bromochloromethane	0.163	0.166	0.01	1.8	20.0	
Chloroform	0.582	0.647	0.01	11.2	20.0	
1,1,1-Trichloroethane	0.569	0.596	0.01	4.7	20.0	
1,1-Dichloropropene	0.150	0.154	0.01	2.7	20.0	
Carbon Tetrachloride	0.527	0.553	0.01	4.9	20.0	
1,2-Dichloroethane	0.494	0.496	0.01	0.4	20.0	
Benzene	1.124	1.208	0.01	7.5	20.0	
Trichloroethene	0.329	0.353	0.01	7.3	20.0	
1,2-Dichloropropane	0.297	0.320	0.01	7.7	20.0	
Dibromomethane	0.214	0.209	0.01	2.3	20.0	
Bromodichloromethane	0.459	0.459	0.01	0.0	20.0	
cis-1,3-Dichloropropene	0.476	0.495	0.01	4.0	20.0	
4-Methyl-2-pentanone	0.286	0.248	0.01	13.3	20.0	
Toluene	1.226	1.309	0.01	6.8	20.0	
trans-1,3-Dichloropropene	0.454	0.449	0.01	1.1	20.0	
1,1,2-Trichloroethane	0.263	0.244	0.01	7.2	20.0	
1,3-Dichloropropane	0.553	0.553	0.01	0.0	20.0	
Tetrachloroethene	0.350	0.406	0.01	16.0	20.0	
2-Hexanone	0.237	0.209	0.01	11.8	20.0	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1287

Instrument ID: V6 Calibration Date: 08/29/06 Time: 0915

Lab File ID: V6E5611 Init. Calib. Date(s): 08/05/06 08/05/06

Heated Purge: (Y/N) N Init. Calib. Times: 0049 0254

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dibromochloromethane	0.472	0.474	0.01	0.4	20.0	
1,2-Dibromoethane	0.369	0.359	0.01	2.7	20.0	
Chlorobenzene	1.040	1.121	0.3	7.8	20.0	
1,1,1,2-Tetrachloroethane	0.442	0.450	0.01	1.8	20.0	
Ethylbenzene	0.566	0.615	0.01	8.6	20.0	
m,p-Xylene	0.697	0.756	0.01	8.5	20.0	
o-Xylene	0.684	0.744	0.01	8.8	20.0	
Xylene (Total)	0.693	0.752	0.01	8.5	20.0	
Styrene	1.141	1.217	0.01	6.7	20.0	
Bromoform	0.348	0.311	0.1	10.6	20.0	
Isopropylbenzene	1.705	1.829	0.01	7.3	20.0	
1,1,2,2-Tetrachloroethane	0.817	0.754	0.3	7.7	20.0	
Bromobenzene	0.870	0.931	0.01	7.0	20.0	
1,2,3-Trichloropropane	0.883	0.813	0.01	7.9	20.0	
n-Propylbenzene	0.881	0.979	0.01	11.1	20.0	
2-Chlorotoluene	0.795	0.902	0.01	13.4	20.0	
1,3,5-Trimethylbenzene	2.808	3.087	0.01	9.9	20.0	
4-Chlorotoluene	0.833	0.895	0.01	7.4	20.0	
tert-Butylbenzene	2.812	3.053	0.01	8.6	20.0	
1,2,4-Trimethylbenzene	2.888	3.160	0.01	9.4	20.0	
sec-Butylbenzene	3.503	3.725	0.01	6.3	20.0	
4-Isopropyltoluene	2.852	3.061	0.01	7.3	20.0	
1,3-Dichlorobenzene	1.614	1.720	0.01	6.6	20.0	
1,4-Dichlorobenzene	1.675	1.678	0.01	0.2	20.0	
n-Butylbenzene	2.693	2.798	0.01	3.9	20.0	
1,2-Dichlorobenzene	1.575	1.586	0.01	0.7	20.0	
1,2-Dibromo-3-chloropropane	0.144	0.105	0.01	27.1	20.0	<-
1,2,4-Trichlorobenzene	0.920	0.722	0.01	21.5	20.0	<-
Hexachlorobutadiene	0.504	0.477	0.01	5.4	20.0	
Naphthalene	1.762	1.210	0.01	31.3	20.0	<-
1,2,3-Trichlorobenzene	0.719	0.498	0.01	30.7	20.0	<-
Dibromofluoromethane	0.273	0.273	0.01	0.0	20.0	
1,2-Dichloroethane-d4	0.055	0.058	0.01	5.4	20.0	
Toluene-d8	1.100	1.184	0.01	7.6	20.0	
Bromofluorobenzene	0.475	0.477	0.01	0.4	20.0	

Data File: \\Avogadro\Organics\organic\voa\V2.i\060830.B\V2H7822.D
Report Date: 05-Oct-2006 11:32

Mitkem Corporation

Method 8260 Water and Medium Soil

Data file : \\Avogadro\Organics\organic\voa\V2.i\060830.B\V2H7822.D
Lab Smp Id: E1287-14A Client Smp ID: MW-06
Inj Date : 30-AUG-2006 19:10
Operator : HZ SRC: LIMS Inst ID: V2.i
Smp Info : 5ML,E1287-14A,,25638,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V2.i\060830.B\v28260.m
Meth Date : 18-Sep-2006 15:56 sbotvin Quant Type: ISTD
Cal Date : 24-AUG-2006 10:48 Cal File: V2H7645.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.14
Processing Host: TARGET108

Concentration Formula: Amt * DF * Uf * 5/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)	
	17 Methyl tert-butyl ether	73	3.951	3.958	(0.639)	307658	9.32345	9	
$	30 Dibromofluoromethane	113	5.465	5.482	(0.884)	756608	46.2427	46	
$	35 1,2-Dichloroethane-d4	102	5.830	5.837	(0.943)	161939	49.6135	50	
	37 Benzene	78	5.893	5.900	(0.953)	56393	1.29497	1	(a)
*	38 Fluorobenzene	96	6.185	6.203	(1.000)	2320051	50.0000		
$	47 Toluene-d8	98	8.013	8.030	(0.814)	2095321	50.1548	50	
	48 Toluene	91	8.096	8.103	(1.309)	200683	4.38324	4	(a)
	53 Tetrachloroethene	164	8.765	8.782	(0.891)	61331	5.16835	5	
*	57 Chlorobenzene-d5	117	9.840	9.857	(1.000)	1554121	50.0000		
	60 Ethylbenzene	106	10.028	10.035	(1.019)	34184	2.08675	2	(a)
	61 m,p-Xylene	106	10.185	10.192	(1.035)	391990	20.3789	20	
	62 o-Xylene	106	10.696	10.714	(1.087)	189816	9.92831	10	
$	68 Bromofluorobenzene	95	11.365	11.372	(1.155)	883581	48.8787	49	
	74 1,3,5-Trimethylbenzene	105	11.907	11.914	(0.934)	125593	3.04392	3	(a)
	77 1,2,4-Trimethylbenzene	105	12.356	12.363	(0.969)	428873	9.84994	10	
M	63 Xylene (Total)	106				581806	30.3072	30	
*	81 1,4-Dichlorobenzene-d4	152	12.753	12.771	(1.000)	789535	50.0000		
	89 Naphthalene	128	15.270	15.277	(1.197)	304798	8.61154	9	

Data File: \\Avogadro\Organics\organic\voa\V2.i\060830.B\V2H7822.D
Report Date: 05-Oct-2006 11:32

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Mitkem Corporation
Volatiles Laboratory

Comments:

Instrument V2 Injection Log
VW 060824 A-95
VP 060824 B-SS
VP 06 080444-STD
VW06 0811 A - 2CVE

METHOD: 8260-W
ICAL DATE: 8/24/06

ANALYST: MZA
EMV:

BATCH: 060826.B

Start: 26-AUG-06 09:3
End: 26-AUG-06 21:0

Reviewed By: SB 8/31/06

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STDS FBZ	CBZ	DCB	SURROGATES DFM	DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V2H7720	09:36	BFB2P	BFB2P		AQ											
V2H7721	09:50	VSTD0502P	VSTD0502P		AQ	100	100	100					1		OK	
V2H7722	10:26	MB-25561	VBLK2P	25561	AQ	93	98	95	97	102	101	99	1		OK	
V2H7723	10:53	LCS-25561	V2PLCS	25561	AQ	92	93	95	93	98	100	102	1		OK	
V2H7724	11:21	LCSD-25561	V2PLCSD	25561	AQ	88	92	92	94	96	99	99	1	E	OK	
V2H7725	11:49	E1265-03ADL	YT6-HP2DL	25561	AQ	93	97	95	95	102	102	100	1	E	OK	
V2H7726	12:17	E1265-06A	YT-TB-06-08-18	25561	AQ	91	97	93	96	101	99	97	20	E	Cis1,2DCE=355 RR 50X	
V2H7727	12:45	E1265-05A	YT6-HP3	25561	AQ	92	96	94	96	100	101	100	1		Cis1,2DCE= UNDETECTED OK	2
V2H7728	13:12	E1265-04ADL	YT6-HP1DL	25561	AQ	93	96	93	96	97	101	99	1		OK	2
V2H7729	13:40	E1265-02ADL	YT4-HP3DL	25561	AQ	92	95	92	95	100	102	99	5		Cis1,2DCE=120 OK	2
V2H7730	14:08	E1265-07A	YT-FB-06-08-18	25561	AQ	92	96	91	96	101	102	98	40		Cis1,2DCE=84 OK	
V2H7731	14:36	E1265-09A	YT4-HP2	25561	AQ	94	97	93	91	98	102	97	1		OK	
V2H7732	15:04	E1265-08A	EW-FB-06-08-18	25561	AQ	93	96	92	95	100	102	99	1		OK	2
V2H7733	15:32	E1263-05C	S-2	25561	AQ	94	95	92	95	101	103	99	1		OK	2
V2H7734	15:59	E1263-06C	S-3	25561	AQ	92	96	93	94	100	100	98	1		OK	2
V2H7735	16:27	E1282-03A	WRPZ06	25561	AQ	92	96	97	97	102	103	101	1	E	Cis1,2DCE=284 RR 2X	
V2H7736	16:54	E1282-04A	WRTBGW	25561	AQ	93	96	93	95	101	103	98	1		Cis1,2DCE= UNDETECTED OK	
V2H7737	17:22	E1287-01A	MW-31	25561	AQ	92	95	95	91	99	101	95	1		OK	7
V2H7738	17:50	E1287-02A	MW-19	25561	AQ	92	96	95	96	101	100	100	1	E	Cis1,2DCE=343 RR 2X	7
V2H7739	18:18	E1287-03A	MW-18	25561	AQ	94	98	93	96	99	100	98	1		Cis1,2DCE=92 RR 1X	11
V2H7740	18:46	E1287-04A	MW-21	25561	AQ	92	96	99	94	99	100	98	1		Cis1,2DCE=3	7
V2H7741	19:13	E1287-05A	MW-16	25561	AQ	94	98	91	95	101	102	98	1		OK	
V2H7742	19:41	E1287-06A	MW-17	25561	AQ	93	96	92	95	98	103	99	1		OK	
V2H7743	20:09	E1287-07A	MW-27	25561	AQ	93	95	90	95	100	102	100	1		OK	
V2H7744	20:37	E1287-08A	MW-09	25561	AQ	92	97	100	96	100	102	102	1	E	NAPHTHALENE=245 RR 2X	
V2H7745	21:04	E1287-09A	MW-10	25561	AQ	95	98	97	94	98	102	98	1	E	TCE=2411, PCE=2589 RR 15X 50X	1

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

SURROGATES:	WATER 8260 / OLM		SOIL 8260 / OLM
DFM	78-117 / NA	DFM	52-130 / NA
DCE	62-124 / 76-114	DCE	50-126 / 70-121
TOL	81-116 / 88-110	TOL	25-156 / 84-138
BFB	74-126 / 86-115	BFB	49-146 / 59-113

Mitkem Corporation
Volatiles Laboratory

Instrument V2 Injection Log

METHOD: 8260-W
ICAL DATE: 8/24/06
ANALYST: NZA
EMV:

BATCH: 060830.B 5 level
060830A.B 6 level
Start: 30-AUG-06 09:05
End: 30-AUG-06 22:25

Comments:

VW060824A -25
VW060824B -55
VW060804A4 - STD
VW060831A -2CVE

E1311
E1329 uploaded.

Reviewed By: SB 8/31/06

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STDS FBZ	CBZ	DCB	SURROGATES DFM	DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V2H7800	09:05	BFB2T	BFB2T		AQ								1		OK	
V2H7801	09:20	VSTD0502T	VSTD0502T		AQ	100	100	100					1		OK	
V2H7802	09:56	MB-25638	VBLK2T	25638	AQ	90	95	87	95	101	100	97	1		OK	
V2H7803	10:32	LCS-25638	V2TLCS	25638	AQ	90	92	90	96	105	106	100	1	ER	2↑ OK	
V2H7804	10:58	E1263-06C	S-3	25638	AQ	90	96	87	95	100	99	94	1		OK	
V2H7805	11:26	E1287-19A	MW-25	25638	AQ	87	92	83	96	102	101	97	1		OK	2
V2H7806	11:54	E1287-19AMS	MW-25MS	25638	AQ	90	89	85	90	83	106	97	1	R	E↑ OK	7
V2H7807	12:21	E1287-19AMSD	MW-25MSD	25638	AQ	89	88	88	92	96	106	100	1	R	E↑ OK	
V2H7808	12:47	LFB-25638	V2T25638	25638	AQ	93	93	84	94	100	104	96	1		OK (VCl = 2ppb)	
V2H7809	13:14	E1287-01ADL	MW-31DL	25638	AQ	86	90	86	96	101	102	98	3		cis-12-PCE = 126 OK	
V2H7810	13:42	E1287-08ADL	MW-09DL	25638	AQ	87	92	92	95	102	100	98	2		Nap = 166 OK	
V2H7811	14:10	E1287-09ADL	MW-10DL NZA 8/31/06	25638	AQ	84	90	84	96	99	101	97	50		PCE = 170 OK	
V2H7812	14:37	E1265-03ADL	YT6-HP2DL	25638	AQ	83	90	82	97	100	100	95	50		cis-12-PCE = 161 OK	
V2H7813	15:05	E1311-01A	A/S INFLUENT	25638	AQ	83	88	79	95	100	101	97	30		PCE = 8, RR 2X	
V2H7814	15:31	E1311-05A	TRIP BLANK	25638	AQ	85	88	79	94	101	106	97	1		OK	2
V2H7815	15:59	E1311-02A	GAC-1 INFLUENT	25638	AQ	84	88	80	93	101	102	97	1		OK	2
V2H7816	16:26	E1311-03A	GAC-2 INFLUENT	25638	AQ	86	89	82	95	101	102	96	1		OK	2
V2H7817	16:53	E1329-01F	#1	25638	AQ	84	87	80	95	100	102	97	1		OK (6 level)	2
V2H7818	17:19	E1287-10A	MW-08	25638	AQ	81	85	83	95	102	102	98	1	E	PCE = 2696, RR 80X	2
V2H7819	17:47	E1287-11A	MW-07	25638	AQ	83	85	78	93	100	103	98	1		PCE = 66, RR 1X	7
V2H7820	18:15	E1287-12A	MW-12	25638	AQ	83	88	87	94	101	100	97	1	E	o-Xylene = 1083, RR 16X	
V2H7821	18:42	E1287-13A	MW-13	25638	AQ	77	85	86	97	100	99	105	1	E	MTBE = 2916, RR 200X	
V2H7822	19:10	E1287-14A	MW-06	25638	AQ	83	89	86	92	99	100	98	1		MTBE = 9 RR 1X	
V2H7823	19:38	E1287-17A	TRIP BLANK	25638	AQ	84	89	84	93	103	100	98	1		OK	
V2H7824	20:06	E1311-04A	TREATED EFFLUEN	25638	AQ	84	89	80	94	103	101	95	1		RR 1X (OK) NZA 8/31/06	7
V2H7825	20:33	E1311-01A	A/S INFLUENT	25638	AQ	83	88	78	94	101	101	95	2		PCE = 102, OK	2
V2H7826	21:01	E1287-16A	BD-01	25638	AQ	82	87	78	95	104	100	97	1		OK	2
V2H7827	21:29	BLK		25638	AQ	81	86	77	94	98	99	97	1	T		7

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

SURROGATES:	WATER 8260 / OLM	SOIL 8260 / OLM
DFM	78-117 / NA	52-130 / NA
DCE	62-124 / 76-114	50-126 / 70-121
TOL	81-116 / 88-110	25-156 / 84-138
BFB	74-126 / 86-115	49-146 / 59-113

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Mitkem Corporation
Volatiles Laboratory

Instrument V2 Injection Log

METHOD: 8260-W
ICAL DATE: 8/24/06
ANALYST: NBA
EMV:

BATCH: 060831.B

Start: 31-AUG-06 09:09
End: 31-AUG-06 21:01

Comments:

VW060824A -1S
VW060824B -SS
VW060804A4 -STD
VW060811A -2 CIE

Reviewed By: 28 9/11/06

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STDS FBZ	INTERNAL STDS CBZ	INTERNAL STDS DCB	SURROGATES DFM	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V2H7840	09:09	BFB2U	BFB2U		AQ								1		OK	
V2H7841	09:23	VSTD0502U	VSTD0502U		AQ	100	100	100					1		OK	
V2H7842	09:58	MB-25662	VBLK2U	25662	AQ	91	98	92	95	100	100	98	1		OK	
V2H7843	10:26	LCS-25662	V2ULCS	25662	AQ	91	92	93	96	100	108	104	1	ER	2↑ OK	
V2H7844	10:54	LCSD-25662	V2ULCSD	25662	AQ	89	91	92	96	101	107	104	1	ER	3↑ OK	
V2H7845	11:22	E1287-11A	MW-07	25662	AQ	90	100	89	95	101	98	97	1		OK	
V2H7846	11:50	E1287-14A	MW-06	25662	AQ	87	96	86	95	100	99	97	1		OK	7
V2H7847	12:17	E1287-10ADL	MW-08DL	25662	AQ	87	96	87	97	102	101	100	80		PCE = 119 OK	7
V2H7848	12:45	E1287-12ADL	MW-12DL	25662	AQ	86	95	92	93	99	101	97	16		O-Xylene 160 OK	
V2H7849	13:12	E1287-13ADL	MW-13DL	25662	AQ	88	95	92	94	97	101	99	200		MTBE = 96.	
V2H7850	13:40	E1327-04A	TBLK082906	25662	AQ	87	95	85	94	100	102	97	1		OK	
V2H7851	14:08	E1327-03A	EFF082906	25662	AQ	85	95	85	95	103	99	98	1		OK	2
V2H7852	14:34	E1327-01A	INF082906	25662	AQ	87	94	88	96	100	101	98	160		CB = 100 OK	2
V2H7853	15:02	E1327-02A	MIDFL082906	25662	AQ	85	93	83	95	98	101	97	1		OK	2
V2H7854	15:30	E1287-15A	MW-26	25662	AQ	86	93	83	96	101	102	98	1		OK	2
V2H7855	15:57	E1287-18A	MW-22	25662	AQ	85	93	84	96	102	100	96	1		OK	7
V2H7856	16:25	E1287-20A	BD-02	25662	AQ	84	92	83	97	101	102	98	1		OK	7
V2H7857	16:51	E1312-01A	MW-23	25662	AQ	83	92	86	96	103	100	98	1		OK	7
V2H7858	17:19	E1312-02A	MW-24	25662	AQ	85	93	85	96	101	101	98	1		OK	7
V2H7859	17:46	E1312-03A	MW-30	25662	AQ	82	90	91	96	102	102	102	1		OK	7
V2H7860	18:14	E1323-08A	TB-1	25662	AQ	84	92	84	96	103	101	98	1		OK	7
V2H7861	18:42	E1323-03C	CAR-MW-19	25662	AQ	84	93	83	95	101	99	96	1		OK	7
V2H7862	19:10	E1323-04C	CAR-MW-9	25662	AQ	83	90	82	95	103	102	99	1		OK	7
V2H7863	19:38	E1323-05C	CAR-MW-17	25662	AQ	89	93	83	90	95	99	96	1		OK	7
V2H7864	20:05	E1323-06C	CAR-MW-8	25662	AQ	83	91	81	97	102	99	96	1		OK	7
V2H7865	20:33	E1323-07C	CAR-MW-5	25662	AQ	83	91	82	96	102	100	97	1		OK	7
V2H7866	21:01	E1192-20A	TB-2	25662	AQ	84	91	79	95	100	101	96	1		Chloroform = 19, Same as Before.	7

E - One or more target compounds are above the calibration range
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T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit.
D - Surrogates are diluted

SURROGATES:	WATER 8260 / OLM	SOIL 8260 / OLM
DFM	78-117 / NA	52-130 / NA
DCE	62-124 / 76-114	50-126 / 70-121
TOL	81-116 / 88-110	25-156 / 84-138
BFB	74-126 / 86-115	49-146 / 59-113

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Logbook ID 90.

METHOD: ____
INITIAL CAL: ____
COMMENTS:

AS #	FILE

Mitkem Corporation
Volatiles Laboratory

Instrument V6 Injection Log

METHOD: 8260-W-6L
ICAL DATE: 8/4/06

ANALYST: BGC
EMV:

BATCH: 060804B.B (6 level) Start: 04-AUG-06 19:4
060804C.B (5 level) End: 05-AUG-06 02:5

Comments: IS - VW060725A
SS - VW060725B
STD - VW060804A1
2CVE - VW060710B

Reviewed By: (SB) 8/7/06

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STDS FBZ	INTERNAL STDS CBZ	INTERNAL STDS DCB	SURROGATES DFM	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V6E4913	19:48	BFB6E	BFB6E		AQ								2b		OK	
V6E4925	00:49	VSTD0506E	VSTD0506E		AQ	100	100	100					1		OK	
V6E4926	01:14	VSTD0206E	VSTD0206E		AQ	79	79	78					1		OK } 8260 AQ ICAL 5+6 level	
V6E4927	01:39	VSTD0056E	VSTD0056E		AQ	97	96	92					1		OK	
V6E4928	02:04	VSTD0016E	VSTD0016E		AQ	98	100	90					1		OK	
V6E4929	02:29	VSTD2006E	VSTD2006E		AQ	99	105	100					1		OK	
V6E4930	02:54	VSTD1006E	VSTD1006E		AQ	100	101	98					1		OK	

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

SURROGATES:

	WATER 8260 / OLM		SOIL 8260 / OLM
DFM	78-117 / NA	DFM	52-130 / NA
DCE	62-124 / 76-114	DCE	50-126 / 70-121
TOL	81-116 / 88-110	TOL	25-156 / 84-138
BFB	74-126 / 86-115	BFB	49-146 / 59-113

IS	SS	pH

Mitkem Corporation
Volatiles Laboratory

Instrument V6 Injection Log

METHOD: 8260-M-Soil
ICAL DATE: 8/5/06
ANALYST: BQL
EMV:

BATCH: 060829.B

Start: 29-AUG-06 08:4
End: 29-AUG-06 20:4

Comments: IS - VW060824A
SS - VW060824B
STD - VWBD804A2

Reviewed By: (SB) 8/30/06

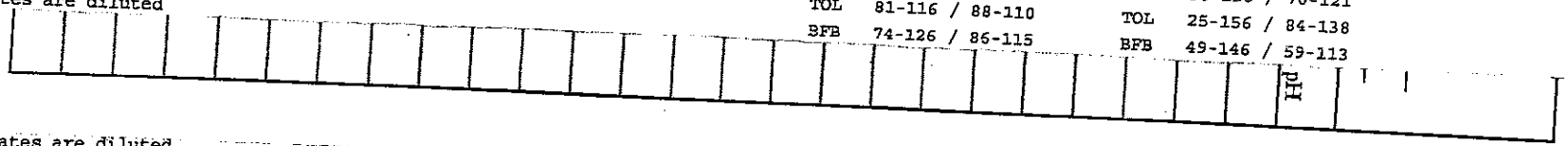
FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STDS FBZ	CBZ	DCB	SURROGATES DFM	DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V6E5610	08:49	BFB6B	BFB6B		SL											
V6E5611	09:15	VSTD0506B	VSTD0506B		SL	100	100	100					1		OK	
V6E5612	10:07	MB-25615	VBLK6B	25615	SL	98	92	74	107	97	116	92	1		OK	
V6E5613	10:45	LCS-25615	V6BLCS	25615	SL	84	85	84	107	98	113	92	1		OK	
V6E5614	11:18	LCSD-25615	V6BLCSD	25615	SL	86	87	81	102	94	109	101	1	ER	2 out, OK	
V6E5615	11:44	E1307-08D	MW-3 28-30'	25615	SL	99	102	86	112	102	115	99	1	ER	1 out, OK	
V6E5616	12:09	E1307-09D	MW-4 0-2'	25615	SL	99	103	86	112	105	113	100	1		OK	
V6E5617	12:34	E1308-04C	GB4 0-1	25615	SL	98	101	85	115	115	113	94	1		OK	
V6E5618	12:59	E1308-09C	GB5 0-1	25615	SL	97	97	87	114	96	118	95	1		OK	
V6E5619	13:24	E1308-14C	GB6 0-1	25615	SL	101	101	90	109	98	116	102	1		OK	
V6E5620	13:49	E1308-19C	GB7 0-1	25615	SL	99	101	89	110	108	116	97	1		OK	
V6E5621	14:14	E1309-01C	GB8 0-1	25615	SL	97	102	86	111	113	114	100	1		OK	
V6E5622	14:39	E1309-11C	GB10 0-1	25615	SL	93	96	84	114	101	115	97	1		OK	
V6E5623	15:04	E1309-21C	GB12 0-1	25615	SL	97	101	88	116	106	114	101	1		OK	
V6E5624	16:31	MB-25624	VBLK6C		AQ	117	112	93	92	86	97	100	1		OK	
V6E5625	17:00	LCS-25624	V6CLCS		AQ	91	94	93	103	110	108	81	1		OK	
V6E5626	17:25	E1287-01ADL	MW-31DL	25624	AQ	84	83	68	74*	87	97	96	1	R	4 out OK	
V6E5627	17:49	E1287-02A	MW-19	25624	AQ	112	109	89	91	82	98	78	3		RRX3	
V6E5628	18:14	E1230-09DDL	10053-1-2	25615	SL	113	111	96	92	86	97	81	1		OK	
V6E5629	18:39	E1310-07C	GB14 0-1	25615	SL	109	108	97	91	89	98	82	202		OK 20X (SB) 8/30/06	
V6E5630	19:04	E1262-01B	10069-3-4	25615	SL	103	105	102	87	85	94	82	1		OK	
V6E5631	19:29	E1262-02B	20075-0-1	25615	SL	128	126	116	87	85	97	85	1	E	Nap = 503, RR 4	
V6E5632	19:54	E1262-03B	20077-4-5	25615	SL	116	119	109	92	83	97	88	1		Nap = 115, Carry Over, RR x1	
V6E5633	20:19	E1262-04B	20079456	25615	SL	124	127	112	91	87	93	86	1		Nap = 23, Carry Over, RR x1	
V6E5634	20:44	E1262-05B	70021 A12	25615	SL	128	131	116	91	85	94	85	1	E	Nap = 210, RR x2	
				25615	SL				91	86	91	88	1	E	Nap = 572, RR x5	

8260-AQ

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

SURROGATES:

	WATER 8260 / OLM	SOIL 8260 / OLM
DFM	78-117 / NA	52-130 / NA
DCE	62-124 / 76-114	50-126 / 70-121
TOL	81-116 / 88-110	25-156 / 84-138
BFB	74-126 / 86-115	49-146 / 59-113



D - Surrogates are diluted

15

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO			INVOICE TO		
COMPANY: URS Corp.	PHONE: 716-856-5636		COMPANY: SAME	PHONE:	LAB PROJECT #: E1312
NAME: Chuck Dusel	FAX: 716-856-2545		NAME:	FAX:	
ADDRESS: 77 Goodell Street			ADDRESS:		TURNAROUND TIME:
CITY/ST/ZIP: Buffalo, NY 14203			CITY/ST/ZIP:		

CLIENT PROJECT NAME: Upper East Side | CLIENT PROJECT #: | CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	8260	COMMENTS
MW-20	8/24/06 1130			X			15	2	X	
BD-03	8/24/06			X			16	2	X	Blind Duplicate
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									

REQUESTED ANALYSES

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	Michael C Murphy	8/24/06 1538	Ken Li	8/30/06 8:42
		/		/
		/		/

ADDITIONAL REMARKS:

COOLER TEMP: 5°

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

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CHAIN-OF-CUSTODY RECORD

REPORT TO:			INVOICE TO:		
COMPANY URS Corp	PHONE 716-856-5636		COMPANY SAME	PHONE	LAB PROJECT #: E1312
NAME Chuck Dusel	FAX 716-856-2545		NAME	FAX	
ADDRESS 77 Goodell Street			ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Buffalo, NY 14203			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Upper East Side		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: 8260	COMMENTS
MW-05	8/28/06 / 1045			X			04	2	X	
MW-03	8/28/06 / 1200			X			05	2	X	
MW-04	8/28/06 / 1230			X			06	2	X	
MW-02	/ 1325			X			07	2	X	
MW-29	/ 1345			X			08	2	X	
MW-01	/ 1425			X			09	2	X	
MW-01 MS/MSD	/ 1425			X			↓	4	X	Matrix Spike/Dup
Field Blank	↓ / 1435			X			10	2	X	
Trip Blank	/			X			11	2	X	
MW-28	8/29/06 / 0910			X			12	2	X	
MW-15	8/29/06 / 1010			X			13	2	X	
MW-14	8/29/06 / 1025			X			14	2	X	

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Michael C. Murphy	8/29/06 / 1530	Ken Kerr	8/30/06 8:42		5°
		/		/		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

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CHAIN-OF-CUSTODY RECORD

REPORT TO:

COMPANY URS Corp.	PHONE 716-856-5636	COMPANY SAME	PHONE	LAB PROJECT #: E1312
NAME Chuck Rusel	FAX 716-856-2545	NAME	FAX	
ADDRESS 77 Goodell Street		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Buffalo, NY 14203		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Upper East Side		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: 8260	COMMENTS
MW-23	8/25/06 1100			X			01	2	2	
MW-24	8/25/06 1200			X			02	2	2	
MW-30	8/25/06 1300			X			03	2	2	
	/									
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	/									
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	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Michael C. Murphy	8/25/06 1500	Xiangdong Ding	8/26/06 9:10		1°C
		/		/		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to URS Corporation's 1st Ave. and 90th St. Site Characterization project. Under this deliverable, analysis results are presented for sixteen aqueous samples that were received on September 26 and 30, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms. Following the narrative is the Mitkem Work Order for cross-referencing sample client ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (2000 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits for the exception of high recovery of 1,3-dichloropropane and 1,1,2,2-tetrachloroethane in V2ULCS and its duplicate and V2VLCS. Replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample MW-01. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: no other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng
CLP Project Manager
09/23/06

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Lab File ID: V1H8220 BFB Injection Date: 09/01/06

Instrument ID: V1 BFB Injection Time: 1454

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	41.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	91.9
175	5.0 - 9.0% of mass 174	6.9 (7.6)1
176	95.0 - 101.0% of mass 174	88.9 (96.8)1
177	5.0 - 9.0% of mass 176	5.8 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0501E	VSTD0501E	V1H8221	09/01/06	1517
02	VBLK1E	MB-25693	V1H8222	09/01/06	1636
03	V1ELCS	LCS-25693	V1H8223	09/01/06	1703
04	MW-01MS	E1312-09AMS	V1H8224	09/01/06	1730
05	MW-01MSD	E1312-09AMSD	V1H8225	09/01/06	1756
06	MW-01	E1312-09A	V1H8226	09/01/06	1823
07					
08					
09					
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21					
22					

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Instrument ID: V1 Calibration Date: 09/01/06 Time: 1517

Lab File ID: V1H8221 Init. Calib. Date(s): 09/01/06 09/01/06

Heated Purge: (Y/N) N Init. Calib. Times: 1025 1426

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.144	0.142	0.01	1.4	20.0	
Chloromethane	0.328	0.320	0.1	2.4	20.0	
Vinyl Chloride	0.309	0.307	0.01	0.6	20.0	
Bromomethane	0.242	0.249	0.01	2.9	20.0	
Chloroethane	0.182	0.188	0.01	3.3	20.0	
Trichlorofluoromethane	0.198	0.176	0.01	11.1	20.0	
1,1-Dichloroethene	0.258	0.260	0.01	0.8	20.0	
Acetone	0.076	0.060	0.01	21.0	20.0	<-
Iodomethane	0.577	0.561	0.01	2.8	20.0	
Carbon Disulfide	0.885	0.878	0.01	0.8	20.0	
Methylene Chloride	0.301	0.287	0.01	4.6	20.0	
trans-1,2-Dichloroethene	0.279	0.275	0.01	1.4	20.0	
Methyl tert-butyl ether	0.727	0.701	0.01	3.6	20.0	
1,1-Dichloroethane	0.456	0.445	0.1	2.4	20.0	
Vinyl acetate	1.069	1.063	0.01	0.6	20.0	
2-Butanone	0.128	0.119	0.01	7.0	20.0	
cis-1,2-Dichloroethene	0.298	0.296	0.01	0.7	20.0	
2,2-Dichloropropane	0.346	0.351	0.01	1.4	20.0	
Bromochloromethane	0.154	0.151	0.01	1.9	20.0	
Chloroform	0.450	0.442	0.01	1.8	20.0	
1,1,1-Trichloroethane	0.344	0.346	0.01	0.6	20.0	
1,1-Dichloropropene	0.121	0.122	0.01	0.8	20.0	
Carbon Tetrachloride	0.275	0.280	0.01	1.8	20.0	
1,2-Dichloroethane	0.295	0.296	0.01	0.3	20.0	
Benzene	1.019	1.011	0.01	0.8	20.0	
Trichloroethene	0.271	0.269	0.01	0.7	20.0	
1,2-Dichloropropane	0.260	0.254	0.01	2.3	20.0	
Dibromomethane	0.186	0.182	0.01	2.2	20.0	
Bromodichloromethane	0.322	0.321	0.01	0.3	20.0	
cis-1,3-Dichloropropene	0.421	0.414	0.01	1.7	20.0	
4-Methyl-2-pentanone	0.272	0.262	0.01	3.7	20.0	
Toluene	1.025	1.023	0.01	0.2	20.0	
trans-1,3-Dichloropropene	0.366	0.360	0.01	1.6	20.0	
1,1,2-Trichloroethane	0.230	0.225	0.01	2.2	20.0	
1,3-Dichloropropane	0.581	0.568	0.01	2.2	20.0	
Tetrachloroethene	0.316	0.316	0.01	0.0	20.0	
2-Hexanone	0.258	0.250	0.01	3.1	20.0	

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Lab File ID: V2H7840 BFB Injection Date: 08/31/06

Instrument ID: V2 BFB Injection Time: 0909

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.2
75	30.0 - 60.0% of mass 95	49.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	78.4
175	5.0 - 9.0% of mass 174	6.0 (7.6)1
176	95.0 - 101.0% of mass 174	77.0 (98.2)1
177	5.0 - 9.0% of mass 176	5.1 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0502U	VSTD0502U	V2H7841	08/31/06	0923
02	VBLK2U	MB-25662	V2H7842	08/31/06	0958
03	V2ULCS	LCS-25662	V2H7843	08/31/06	1026
04	V2ULCSD	LCSD-25662	V2H7844	08/31/06	1054
05	MW-23	E1312-01A	V2H7857	08/31/06	1651
06	MW-24	E1312-02A	V2H7858	08/31/06	1719
07	MW-30	E1312-03A	V2H7859	08/31/06	1746
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

mw-23
mw-24
mw-30

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Instrument ID: V2 Calibration Date: 08/31/06 Time: 0923

Lab File ID: V2H7841 Init. Calib. Date(s): 08/24/06 08/24/06

Heated Purge: (Y/N) N Init. Calib. Times: 0753 1048

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.253	0.207	0.01	18.2	20.0	
Chloromethane	0.378	0.306	0.1	19.0	20.0	
Vinyl Chloride	0.284	0.244	0.01	14.1	20.0	
Bromomethane	0.159	0.148	0.01	6.9	20.0	
Chloroethane	0.131	0.118	0.01	9.9	20.0	
Trichlorofluoromethane	0.362	0.372	0.01	2.8	20.0	
1,1-Dichloroethene	0.183	0.185	0.01	1.1	20.0	
Acetone	0.163	0.169	0.01	3.7	20.0	
Iodomethane	0.443	0.432	0.01	2.5	20.0	
Carbon Disulfide	0.629	0.612	0.01	2.7	20.0	
Methylene Chloride	0.203	0.212	0.01	4.4	20.0	
trans-1,2-Dichloroethene	0.207	0.214	0.01	3.4	20.0	
Methyl tert-butyl ether	0.711	0.689	0.01	3.1	20.0	
1,1-Dichloroethane	0.547	0.599	0.1	9.5	20.0	
Vinyl acetate	1.177	1.241	0.01	5.4	20.0	
2-Butanone	0.189	0.223	0.01	18.0	20.0	
cis-1,2-Dichloroethene	0.295	0.326	0.01	10.5	20.0	
2,2-Dichloropropane	0.469	0.500	0.01	6.6	20.0	
Bromochloromethane	0.143	0.157	0.01	9.8	20.0	
Chloroform	0.531	0.578	0.01	8.8	20.0	
1,1,1-Trichloroethane	0.495	0.499	0.01	0.8	20.0	
1,1-Dichloropropene	0.132	0.138	0.01	4.5	20.0	
Carbon Tetrachloride	0.451	0.431	0.01	4.4	20.0	
1,2-Dichloroethane	0.502	0.500	0.01	0.4	20.0	
Benzene	0.938	1.085	0.01	15.7	20.0	
Trichloroethene	0.287	0.298	0.01	3.8	20.0	
1,2-Dichloropropane	0.277	0.317	0.01	14.4	20.0	
Dibromomethane	0.209	0.233	0.01	11.5	20.0	
Bromodichloromethane	0.398	0.429	0.01	7.8	20.0	
cis-1,3-Dichloropropene	0.459	0.510	0.01	11.1	20.0	
4-Methyl-2-pentanone	0.315	0.354	0.01	12.4	20.0	
Toluene	0.987	1.101	0.01	11.6	20.0	
trans-1,3-Dichloropropene	0.441	0.476	0.01	7.9	20.0	
1,1,2-Trichloroethane	0.242	0.259	0.01	7.0	20.0	
1,3-Dichloropropane	0.608	0.760	0.01	25.0	20.0	<-
Tetrachloroethene	0.382	0.420	0.01	9.9	20.0	
2-Hexanone	0.361	0.444	0.01	23.0	20.0	<-

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Lab File ID: V2H7870 BFB Injection Date: 08/31/06

Instrument ID: V2 BFB Injection Time: 2302

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 60.0% of mass 95	46.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	78.0
175	5.0 - 9.0% of mass 174	6.2 (7.9)1
176	95.0 - 101.0% of mass 174	76.3 (97.8)1
177	5.0 - 9.0% of mass 176	5.3 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0502V	VSTD0502V	V2H7871	08/31/06	2315
02	VBLK2V	MB-25683	V2H7872	08/31/06	2351
03	V2VLCS	LCS-25683	V2H7873	09/01/06	0019
04	MW-05	E1312-04A	V2H7882	09/01/06	0429
05	MW-03	E1312-05A	V2H7883	09/01/06	0457
06	MW-04	E1312-06A	V2H7884	09/01/06	0525
07	MW-02	E1312-07A	V2H7885	09/01/06	0552
08	MW-29	E1312-08A	V2H7886	09/01/06	0620
09	FIELD BLANK	E1312-10A	V2H7887	09/01/06	0648
10	TRIP BLANK	E1312-11A	V2H7888	09/01/06	0715
11	MW-28	E1312-12A	V2H7889	09/01/06	0743
12	MW-15	E1312-13A	V2H7890	09/01/06	0811
13	MW-14	E1312-14A	V2H7891	09/01/06	0839
14	MW-20	E1312-15A	V2H7892	09/01/06	0907
15	BD-03	E1312-16A	V2H7893	09/01/06	0933
16					
17					
18					
19					
20					
21					
22					

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Instrument ID: V2 Calibration Date: 08/31/06 Time: 2315

Lab File ID: V2H7871 Init. Calib. Date(s): 08/24/06 08/24/06

Heated Purge: (Y/N) N Init. Calib. Times: 0753 1048

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.253	0.211	0.01	16.6	20.0	
Chloromethane	0.378	0.310	0.1	18.0	20.0	
Vinyl Chloride	0.284	0.253	0.01	10.9	20.0	
Bromomethane	0.159	0.148	0.01	6.9	20.0	
Chloroethane	0.131	0.122	0.01	6.9	20.0	
Trichlorofluoromethane	0.362	0.369	0.01	1.9	20.0	
1,1-Dichloroethene	0.183	0.188	0.01	2.7	20.0	
Acetone	0.163	0.155	0.01	4.9	20.0	
Iodomethane	0.443	0.434	0.01	2.0	20.0	
Carbon Disulfide	0.629	0.621	0.01	1.3	20.0	
Methylene Chloride	0.203	0.214	0.01	5.4	20.0	
trans-1,2-Dichloroethene	0.207	0.212	0.01	2.4	20.0	
Methyl tert-butyl ether	0.711	0.693	0.01	2.5	20.0	
1,1-Dichloroethane	0.547	0.618	0.1	13.0	20.0	
Vinyl acetate	1.177	1.324	0.01	12.5	20.0	
2-Butanone	0.189	0.212	0.01	12.2	20.0	
cis-1,2-Dichloroethene	0.295	0.330	0.01	11.9	20.0	
2,2-Dichloropropane	0.469	0.501	0.01	6.8	20.0	
Bromochloromethane	0.143	0.156	0.01	9.1	20.0	
Chloroform	0.531	0.579	0.01	9.0	20.0	
1,1,1-Trichloroethane	0.495	0.490	0.01	1.0	20.0	
1,1-Dichloropropene	0.132	0.134	0.01	1.5	20.0	
Carbon Tetrachloride	0.451	0.425	0.01	5.8	20.0	
1,2-Dichloroethane	0.502	0.492	0.01	2.0	20.0	
Benzene	0.938	1.088	0.01	16.0	20.0	
Trichloroethene	0.287	0.292	0.01	1.7	20.0	
1,2-Dichloropropane	0.277	0.313	0.01	13.0	20.0	
Dibromomethane	0.209	0.230	0.01	10.0	20.0	
Bromodichloromethane	0.398	0.424	0.01	6.5	20.0	
cis-1,3-Dichloropropene	0.459	0.506	0.01	10.2	20.0	
4-Methyl-2-pentanone	0.315	0.346	0.01	9.8	20.0	
Toluene	0.987	1.094	0.01	10.8	20.0	
trans-1,3-Dichloropropene	0.441	0.475	0.01	7.7	20.0	
1,1,2-Trichloroethane	0.242	0.258	0.01	6.6	20.0	
1,3-Dichloropropane	0.608	0.760	0.01	25.0	20.0	<-
Tetrachloroethene	0.382	0.399	0.01	4.4	20.0	
2-Hexanone	0.361	0.427	0.01	18.3	20.0	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1312

Instrument ID: V2 Calibration Date: 08/31/06 Time: 2315

Lab File ID: V2H7871 Init. Calib. Date(s): 08/24/06 08/24/06

Heated Purge: (Y/N) N Init. Calib. Times: 0753 1048

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dibromochloromethane	0.502	0.532	0.01	6.0	20.0	
1,2-Dibromoethane	0.445	0.489	0.01	9.9	20.0	
Chlorobenzene	1.014	1.136	0.3	12.0	20.0	
1,1,1,2-Tetrachloroethane	0.396	0.436	0.01	10.1	20.0	
Ethylbenzene	0.527	0.593	0.01	12.5	20.0	
m,p-Xylene	0.619	0.694	0.01	12.1	20.0	
o-Xylene	0.615	0.689	0.01	12.0	20.0	
Xylene (Total)	0.618	0.692	0.01	12.0	20.0	
Styrene	1.049	1.151	0.01	9.7	20.0	
Bromoform	0.389	0.402	0.1	3.3	20.0	
Isopropylbenzene	1.558	1.673	0.01	7.4	20.0	
1,1,2,2-Tetrachloroethane	0.896	1.120	0.3	25.0	20.0	<-
Bromobenzene	0.886	1.025	0.01	15.7	20.0	
1,2,3-Trichloropropane	1.143	1.331	0.01	16.4	20.0	
n-Propylbenzene	0.819	0.884	0.01	7.9	20.0	
2-Chlorotoluene	0.750	0.828	0.01	10.4	20.0	
1,3,5-Trimethylbenzene	2.613	2.844	0.01	8.8	20.0	
4-Chlorotoluene	0.726	0.802	0.01	10.5	20.0	
tert-Butylbenzene	2.613	2.826	0.01	8.2	20.0	
1,2,4-Trimethylbenzene	2.757	2.966	0.01	7.6	20.0	
sec-Butylbenzene	3.295	3.557	0.01	8.0	20.0	
4-Isopropyltoluene	2.617	2.750	0.01	5.1	20.0	
1,3-Dichlorobenzene	1.527	1.659	0.01	8.6	20.0	
1,4-Dichlorobenzene	1.560	1.687	0.01	8.1	20.0	
n-Butylbenzene	2.368	2.586	0.01	9.2	20.0	
1,2-Dichlorobenzene	1.414	1.570	0.01	11.0	20.0	
1,2-Dibromo-3-chloropropane	0.195	0.200	0.01	2.6	20.0	
1,2,4-Trichlorobenzene	1.063	0.906	0.01	14.8	20.0	
Hexachlorobutadiene	0.510	0.460	0.01	9.8	20.0	
Naphthalene	2.241	2.003	0.01	10.6	20.0	
1,2,3-Trichlorobenzene	0.988	0.858	0.01	13.2	20.0	
Dibromofluoromethane	0.352	0.323	0.01	8.2	20.0	
1,2-Dichloroethane-d4	0.071	0.066	0.01	7.0	20.0	
Toluene-d8	1.344	1.429	0.01	6.3	20.0	
Bromofluorobenzene	0.581	0.569	0.01	2.1	20.0	

ATTACHMENT D

POTENTIAL PCE SOURCES

DRYCLEANERS: A listing of all registered drycleaning facilities. A review of the drycleaners list, as provided by EDR, and dated 06/15/2004 has revealed that there are 11 drycleaners sites within approximately 0.25 miles of the target property.

1660 1st Ave. *P K Choice/Peerless Cleaner*s
1680 1st Ave. *Hong's Team/Kim Premier Cleaners*
1701 1st Ave. *Ace/Elim Cleaners*
1767 2nd Ave. *Knickerbocker Plaza Clnrs*
1799 2nd Ave. *JHJ Cleaning Corp*
310 E 86th St. *Excel/Yire Cleaners*
332 E 86th St. *Madame Lioret Cleaners*
1627 York Ave. *Oxford Angel Cleaners*
1643 York Ave. *Sartorius Cleaners*
1670 York Ave. *Gracie Mansion Prof Clnrs*
1671 York Ave. *East Side Cleaners*

A review of the NY MANIFEST list, as provided by EDR, and dated 05/02/2006 has revealed the following sites with manifests for F001 and/or F002 wastes within approximately 0.25 miles of the target property that were not registered drycleaning facilities.

1634 1st Ave. *Paradise Cleaners By Lee*
1689 1st Ave. *E 88 Cleaners*
1779 1st Ave. *East River Cleaners*
1781 1st Ave. *Sunshine Cleaners & Laundry, Inc.*