# GROUNDWATER SAMPLING EVENT LETTER REPORT NORTH FRANKLIN STREET SITE SITE #8-49-002 VILLAGE OF WATKINS GLEN, NEW YORK



#### **FINAL**

#### **Prepared For:**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION WORK ASSIGNMENT D003825-09.5

Prepared By:

URS CORPORATION 77 GOODELL STREET BUFFALO, NEW YORK 14203



#### URS

August 1, 2006

Mr. David J. Chiusano, Project Manager New York State Department of Environmental Conservation Division of Environmental Remediation 625 Broadway 12th Floor Albany, New York 12233-7017

RE: NYSDEC Standby Contract

Active Venting System Operation and Maintenance # D003825-09.5

**Groundwater Sampling Event** 

North Franklin Street Site, Site No. 8-49-002

Summary of Groundwater Sampling Activities: Letter Report

Dear Mr. Chiusano:

URS Corporation (URS) has completed the groundwater-sampling event at the above-referenced site. This work was performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Project Management Work Plan (PMWP)/Budget Estimate (NYSDEC, May 2005).

The sampling events consisted of collecting depth to water and depth to bottom data from the wells to be sampled, and collecting representative samples of the groundwater present in each well. URS personnel conducted the groundwater sampling activities between May 9, 2006 and May 10, 2006.

#### **Groundwater Sampling Activities**

A total of eleven monitoring wells were sampled on May 9 and 10, 2006 (MW-01, MW-03, MW-04, MW-05D, MW-07S, MW-08S, MW-09s, MW-12S, MW-16S, MW-19S and MW-20S). The well locations are shown on Figure 1. The potentiometric surface found at the site on May 9 and 10, 2006 is shown on Figure 2. Prior to sampling, each well was purged a minimum of three well volumes using a dedicated/disposable high-density polyethylene (HDPE) bailer. Water quality parameters (i.e., pH, conductivity, dissolved oxygen, etc.) were collected after each volume was purged from a well. A representative sample of groundwater was collected using a dedicated/disposable HDPE bailer after a minimum of three well volumes had been purged, and the water quality parameters had stabilized for three consecutive readings. Well purge logs may be found in Appendix A. The groundwater samples from the monitoring wells were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) via EPA Method 8260B.

Groundwater samples collected for laboratory analysis were placed in laboratory-supplied sample containers. All samples were labeled with a unique sample identification number and maintained at approximately 4°C in designated ice chests. The samples were delivered to Mitkem Corporation (Mitkem) in Warwick, Rhode Island, for analysis within the allowable holding times. A chain-of-custody record form was maintained and accompanied the samples during transport.

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The purge water generated during the sampling event was containerized in U.S. Department of Transportation (DOT) approved 55-gallon 1A2 steel drums, which were temporarily staged onsite pending transportation to an approved facility for disposal.

#### Analyses and Data Usability

The groundwater samples were analyzed for TCL VOCs via EPA Method 8260B. The data packages were prepared by the laboratory in accordance with the NYSDEC's Category B Deliverables requirements. The deliverables were reviewed by a URS chemist for compliance with the referenced method and United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) National Functional Guidelines for Organic Data Review, EPA-540-R-99-008, October 1999. A Data Usability Summary Report (DUSR) was prepared by a URS chemist following the guidelines provided in NYSDEC Division of Environmental Remediation Guidance for the Development of Data Usability Summary Reports, dated June 1999. The DUSR may be found in Appendix B.

All samples were received by the laboratory intact, properly preserved and under proper chain-of-custody, and all were analyzed within the required holding times. The percent difference between the average relative response factor (RRF) in the initial calibration (ICAL) and the RRF in the continuing calibration (CCAL) standard exceeded the quality control (QC) limit for acetone. All quantitation/reporting limits were reported in accordance with method requirements and were adjusted for sample size and dilution factors. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation limit) are considered conditionally usable. All other sample results are usable as reported.

#### Summary of Groundwater Analytical Results

- Table 1 compares the validated groundwater sampling results against applicable NYSDEC groundwater criteria [TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. 1998, Revised April 2000, Class GA].
- The primary compounds detected in the groundwater were chlorinated VOCs, including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (1,2-DCE), and vinyl chloride (VC). The location and concentration of compounds exceeding groundwater criteria are shown on Figure 3. The wells exhibiting the most compounds at concentrations exceeding groundwater criteria were MW-03 and MW-05D, which are located just north of the former site building. In MW-03 these compounds were detected at concentrations of 110 ug/L (PCE), 120 ug/L (TCE), 1,700 ug/L (1,2-DCE), and 170 ug/L (VC). In MW-05D, these compounds were detected at concentrations of 1,100 ug/L (PCE), 620 ug/L (TCE), 700 ug/L (1,2-DCE), and 30 ug/L (VC). The total concentrations of chlorinated VOCs in the remaining wells sampled were considerably lower, typically by two to three orders of magnitude.
- Benzene, ethylbenzene and xylenes were detected at concentrations exceeding groundwater criteria in MW-08S. This well, which is located on the east side of the former bus garage, and has historically been impacted by these compounds.
- Monitoring wells to the south of the site (MW-16S and MW-19S) showed no compounds exceeding groundwater criteria, with the only exception being PCE detected in MW-19S, at a concentration of 6 ug/l, slightly exceeding its groundwater quality criteria of 5 ug/l.

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- Monitoring wells to the north of the site (MW-01, MW-04, MW-07S, MW-09S and MW-20S) showed exceedences of groundwater criteria. The exceedances for groundwater quality criteria in these wells are as follows:
  - MW-01: PCE at 46 ug/L, TCE at 9 ug/L, and 1,2-DCE at 51 ug/L;
  - MW-04: PCE at 19 ug/L, TCE at 12 ug/L, 1,2-DCE at 17 ug/L and Methyl tert-Butyl
     Ether (MTBE) at 11 ug/L;
  - MW-07S: PCE at 38 ug/L, TCE at 12 ug/L, 1,2-DCE at 100 ug/L and VC at 3 ug/L; and,
  - MW-20S: PCE at 39 ug/L TCE at 13 ug/L, 1,2-DCE at 100 ug/L and VC at 3 ug/L.

No TCL VOCs were detected in the samples collected from downgradient monitoring wells MW-09S and MW-12S

Figures 4 shows isoconcentration contours for Total VOCs detected in the sampled monitoring wells. The northern extent of the Total VOCs plume appears to have maintained a terminus between MW-01 and MW-12; however, the southern terminus extends past MW-16S. The eastern and western extents of the Total VOCs plume remain undefined.

Figure 5 shows isoconcentration contours for Total Chlorinated VOCs detected in the monitoring wells sampled. The northern, southern and western extents of the Total Chlorinated VOCs plume are similar to the Total VOCs plume. However, the eastern extent of the Total Chlorinated VOCs plume terminates at MW-08S and MW-09S. This is due in large part to the fact that the VOCs detected in MW-08S are not chlorinated VOCs, but petroleum related VOCs. Figure 5 also shows a single chlorinated VOC exceedance at MW-19S.

Table 2 provides a historical summary of analytical results from March 2000 to present compared to NYSDEC groundwater criteria [TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. 1998, Revised April 2000, Class GA].

#### **IDW** Disposal

On May 22, 2006, the investigation-derived waste (IDW), consisting of two (2) drums of purgewater, was removed off-site by Frank's Vacuum Truck Service, Inc. (NYSDEC #9A-332/ EPA ID #NYD982792814), for disposal at the Chemical Waste Management facility in Model City, New York (EPA ID #NYD049836679). The IDW shipment and disposal was performed in accordance with applicable regulations/guidelines. Copies of the waste manifests are included in Appendix C.

#### **Attachments:**

#### **Tables**

Table 1: Summary of Detected Groundwater Analytical Results - May 2006
Table 2: Summary of Detected Historical Groundwater Analytical Results

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#### **Figures**

Figure 1: Groundwater Sample Locations

Figure 2: Potentiometric Surface Map – May 9 and 10, 2006

Figure 3: VOC Detections Exceeding Class GA Groundwater Standards (May 2006)

Figure 4: Total VOC Isoconcentration Contours (May 2006)

Figure 5: Total Chlorinated VOC Isoconcentration Contours (May 2006)

#### **Appendices**

Appendix A: Well Purge Logs

Appendix B: Data Usability Summary Report

Appendix C: IDW Manifests

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. Sr. Project Manager

Attachments

cc: File: 05.35388 (C-1) (11173258)

**TABLES** 

Location ID			MW-01	MW-03	MW-04	MW-05D	MW-07S
Sample ID			WG-01-050906	WG-03-051006	WG-04-0580906	WG-05D-051006	WG-07S-050906
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		•	-	•	-	-
Date Sample	d		05/09/06	05/10/06	05/09/06	05/10/06	05/09/06
Parameter	Units	Criteria*					-
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2	1 J	170 D	1 J	30	3 J
1,1-Dichloroethene	UG/L	5		4 J		3 J	
Trichloroethene	UG/L	5	(9)	120	$\bigcirc$	620 D	12
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5	46	110	19	1,100 D	38
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	$\bigcirc$ 51	1,700 D	$\bigcirc$ 17	700 D	100
1,2-Dichloroethene (trans)	UG/L	5		$\bigcirc$ 17		5	
1,2,4-Trimethylbenzene	UG/L	5					
1,3,5-Trimethylbenzene	UG/L	5					
Methyl tert-Butyl Ether	UG/L	10	2 J	8		9	2 J
Isopropylbenzene	UG/L	5					
4-isopropyltoluene	UG/L	5					
Naphthalene	UG/L	10					
n-Propylbenzene	UG/L	5					
Total Chlorinated Hydrocarbons	UG/L	•	55	230	31	1,720	50
Total Volatile Organic Compounds	UG/L		109	2,129	60	2,467	155

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

J - Estimated value

Location ID			MW-08S	MW-09S	MW-12S	MW-16S	MW-19S
Sample ID			WG-08S-050906	WG-09S-050906	WG-12S-050906	WG-16S-050906	WG-19S-050906
Matrix			Groundwater -	Groundwater - 05/09/06	Groundwater - 05/09/06	Groundwater	Groundwater
Depth Interval	(ft)					-	-
Date Sample	d		05/09/06			05/09/06	05/09/06
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2					
1,1-Dichloroethene	UG/L	5					
Trichloroethene	UG/L	5					
Benzene	UG/L	1	6				
Tetrachloroethene	UG/L	5				5	6
Ethylbenzene	UG/L	5	18				
Xylene (total)	UG/L	5	46				
1,2-Dichloroethene (cis)	UG/L	5					
1,2-Dichloroethene (trans)	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5	57				
1,3,5-Trimethylbenzene	UG/L	5	$\bigcirc 38 \bigcirc$				
Methyl tert-Butyl Ether	UG/L	10					
Isopropylbenzene	UG/L	5	3 J				
4-Isopropyltoluene	UG/L	5	1 J				
Naphthalene	UG/L	10	$\bigcirc$				
n-Propylbenzene	UG/L	5	2 J				
Total Chlorinated Hydrocarbons	UG/L	•	ND	ND	ND	5	6
Total Volatile Organic Compounds	UG/L		185	ND	ND	5	6

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

J - Estimated value

Location ID			MW-20S
Sample ID			WG-20S-050906
Matrix			Groundwater
Depth Interval	(ft)		•
Date Sample	d		05/09/06
Parameter	Units	Criteria*	
Volatile Organic Compounds			
Vinyl Chloride	UG/L	2	3 J
1,1-Dichloroethene	UG/L	5	
Trichloroethene	UG/L	5	13
Benzene	UG/L	1	
Tetrachloroethene	UG/L	5	39
Ethylbenzene	UG/L	5	
Xylene (total)	UG/L	5	
1,2-Dichloroethene (cis)	UG/L	5	100
1,2-Dichloroethene (trans)	UG/L	5	
1,2,4-Trimethylbenzene	UG/L	5	
1,3,5-Trimethylbenzene	UG/L	5	
Methyl tert-Butyl Ether	UG/L	10	
Isopropylbenzene	UG/L	5	
4-Isopropyltoluene	UG/L	5	
Naphthalene	UG/L	10	
n-Propylbenzene	UG/L	5	
Total Chlorinated Hydrocarbons	UG/L	-	52
Total Volatile Organic Compounds	UG/L	-	155

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

J - Estimated value

D - Result reported from a secondary dilution analysis.

Only Detected Results Reported.

Location ID			MW-01	MW-01	MW-02	MW-02	MW-03
Sample ID			MW-01	WG-01-050906	MW-2	MW-2	MW-3
Matrix			Groundwater -	Groundwater -	Groundwater -	Groundwater	Groundwater
Depth Interval	(ft)					-	
Date Sample	Date Sampled		10/22/04	05/09/06	03/16/00	10/20/00	03/16/00
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2	912	1 J			17
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5					1 J
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (total)	UG/L	•	NA	NA			1,900 D
Trichloroethene	UG/L	5	<b>4</b> J				83
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5	15	46			
Toluene	UG/L	5					
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	$\bigcirc$ 30	51	NA	NA	NA
1,2-Dichloroethene (trans)	UG/L	5			NA	NA	NA
1,2,4-Trimethylbenzene	UG/L	5	NA		NA	NA	NA
1,3,5-Trimethylbenzene	UG/L	5	NA		NA	NA	NA
Methyl tert-Butyl Ether	UG/L	10		2 J	NA	NA	NA
Methylcyclohexane	UG/L	-		NA	NA	NA	NA
Cyclohexane	UG/L	•		NA	NA	NA	NA
Isopropylbenzene	UG/L	5			NA	NA	NA
4-Isopropyltoluene	UG/L	5	NA		NA	NA	NA
Naphthalene	UG/L	10	NA		NA	NA	NA

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-01	MW-01	MW-02	MW-02	MW-03
Sample ID			MW-01	WG-01-050906 Groundwater	MW-2	MW-2	MW-3
Matrix			Groundwater		Groundwater	Groundwater	Groundwater
Depth Interval (ft)  Date Sampled		-			•	03/16/00	
		10/22/04	05/09/06	03/16/00	10/20/00		
Parameter	Units	Criteria*		-			
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA		NA	NA	NA
Total Chlorinated Hydrocarbons	UG/L		19	55	ND	ND	2,060
Total Volatile Organic Compounds	UG/L	-	49	109	ND	ND	2,078
Metals							
Iron	UG/L	300	NA	NA	1,420	314	5,990
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L	-	NA	NA			
Total Dissolved Solids	MG/L	-	NA	NA	440	612	521
Total Organic Carbon (TOC)	MG/L		NA	NA	3.7	5.2	6.0

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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NA - Not analyzed; J - Estimated value

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Location ID			MW-03	MW-03	MW-03	MW-03	MW-04
Sample ID			MW-3	MW-3	MW-03	WG-03-051006	MW-4
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		•	-	•	-	•
Date Sampled			06/23/00	10/19/00	10/21/04	05/10/06	03/16/00
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2	420 J	390 J	310 J	170 D	
Acetone	UG/L	50	24 J				3 J
Carbon Disulfide	UG/L	60	29				
1,1-Dichloroethene	UG/L	5	13	4 J		4 J	
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (total)	UG/L	•	5,500 D	2,200 D	NA	NA	
Trichloroethene	UG/L	5	200 J	$\bigcirc$	98 J	120	
Benzene	UG/L	1	$\bigcirc$ 2J				
Tetrachloroethene	UG/L	5	83		50 J	110	
Toluene	UG/L	5					
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5	6				
1,2-Dichloroethene (cis)	UG/L	5	NA	NA	5,000	1,700 D	NA
1,2-Dichloroethene (trans)	UG/L	5	NA	NA		17	NA
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	NA		NA
1,3,5-Trimethylbenzene	UG/L	5	NA	NA	NA		NA
Methyl tert-Butyl Ether	UG/L	10	NA	NA		8	NA
Methylcyclohexane	UG/L	-	NA	NA		NA	NA
Cyclohexane	UG/L	•	NA	NA		NA	NA
Isopropylbenzene	UG/L	5	NA	NA			NA
4-Isopropyltoluene	UG/L	5	NA	NA	NA		NA
Naphthalene	UG/L	10	NA	NA	NA		NA

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-03	MW-03	MW-03	MW-03	MW-04
Sample ID			MW-3 Groundwater	MW-3	MW-03	WG-03-051006	MW-4
Matrix				Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		٠			-	-
Date Sampled			06/23/00	10/19/00	10/21/04	05/10/06	03/16/00
Parameter	Units	Criteria*					
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA	NA	NA		NA
Total Chlorinated Hydrocarbons	UG/L	-	5,783	2,214	148	230	ND
Total Volatile Organic Compounds	UG/L	-	6,277	2,608	5,458	2,129	3
Metals							-
Iron	UG/L	300	24,200	25,800	NA	NA	12,400
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L				NA	NA	
Total Dissolved Solids	MG/L	-	852	1,110	NA	NA	1,000
Total Organic Carbon (TOC)	MG/L	-	36.6 J	23.9	NA	NA	12.5

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-04	MW-04	MW-04	MW-05D	MW-05D MW-5D
Sample ID			MW-4	MW-04	WG-04-0580906	MW-5D	
Matrix			Groundwater -	Groundwater -	Groundwater	Groundwater -	Groundwater
Depth Interval	(ft)				-		-
Date Sampled		10/20/00	10/21/04	05/09/06	03/16/00	06/23/00	
Parameter	Units	Criteria*					
Volatile Organic Compounds						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Vinyl Chloride	UG/L	2	31		1 J		110
Acetone	UG/L	50	10 J			2 J	
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5					4 J
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (total)	UG/L	·	31 NJ	NA	NA	16	680 D
Trichloroethene	UG/L	5	24 NJ	10	12		1,200 D
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5	75 NJ	$\bigcirc 17 \bigcirc$	19		3,900 D
Toluene	UG/L	5					1 J
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	NA	$\bigcirc$	$\bigcirc$	NA	NA
1,2-Dichloroethene (trans)	UG/L	5	NA			NA	NA
1,2,4-Trimethylbenzene	UG/L	5	NA	NA		NA	NA
1,3,5-Trimethylbenzene	UG/L	5	NA	NA		NA	NA
Methyl tert-Butyl Ether	UG/L	10	NA	20	11	NA	NA
Methylcyclohexane	UG/L	•	NA		NA	NA	NA
Cyclohexane	UG/L	-	NA		NA	NA	NA
sopropylbenzene	UG/L	5	NA			NA	NA
4-Isopropyltoluene	UG/L	5	NA	NA		NA	NA
Naphthalene	UG/L	10	NA	NA		NA	NA

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

D - Result reported from a secondary dilution analysis.

Only Detected Results Reported.

Location ID			MW-04	MW-04	MW-04	MW-05D	MW-05D
Sample ID			MW-4	MW-04	WG-04-0580906	MW-5D	MW-5D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)				•		-
Date Sampled		10/20/00	10/21/04	05/09/06	03/16/00	06/23/00	
Parameter	Units	Criteria*					
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA	NA		NA	NA
Total Chlorinated Hydrocarbons	UG/L		130	27	31	16	5,780
Total Volatile Organic Compounds	UG/L	- 1	143	59	60	18	5,895
Metals							
Iron	UG/L	300	4,960	NA	NA	1,450	3,350
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L	-		NA	NA		
Total Dissolved Solids	MG/L		1,390	NA	NA	1,670	7,460
Total Organic Carbon (TOC)	MG/L	-	7.2	NA	NA	7.5	4.2 J

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA

Location ID			MW-05D	MW-05D	MW-05D	MW-05S	MW-05S
Sample ID			MW-5D	MW-05D	WG-05D-051006	MW-5S	MW-5S
Matrix			Groundwater	Groundwater	Groundwater - 05/10/06	Groundwater	Groundwater
Depth Interval	(ft)		•	10/21/04		03/16/00	•
Date Sample	d		10/19/00				06/23/00
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2	31 J		30	560 D	740 J
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					8 J
1,1-Dichloroethene	UG/L	5	3 J		3.J	2 J	11
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (total)	UG/L		650 D	NA	NA	1,400 D	4,700 D
Trichloroethene	UG/L	5	230 D	1,100	620 D	$\bigcirc$ 33	580 D
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5	900 D	2,900	1,100 D	120	4,500 D
Toluene	UG/L	5					
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					61
1,2-Dichloroethene (cis)	UG/L	5	NA	480	700 D	NA	NA
1,2-Dichloroethene (trans)	UG/L	5	NA		5	NA	NA
1,2,4-Trimethylbenzene	UG/L	5	NA	NA		NA	NA
1,3,5-Trimethylbenzene	UG/L	5	NA	NA		NA	NA
Methyl tert-Butyl Ether	UG/L	10	NA		9	NA	NA
Methylcyclohexane	UG/L		NA		NA	NA	NA
Cyclohexane	UG/L		NA		NA	NA	NA
Isopropylbenzene	UG/L	5	NA			NA	NA
4-Isopropyltoluene	UG/L	5	NA	NA		NA	NA
Naphthalene	UG/L	10	NA	NA		NA	NA

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-05D	MW-05D	MW-05D	MW-05S	MW-05S
Sample ID			MW-5D Groundwater	MW-05D	WG-05D-051006	MW-5S	MW-5S
Matrix				Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		-	-	-	-	-
Date Sampled		10/19/00	10/21/04	05/10/06	03/16/00	06/23/00	
Parameter	Units	Criteria*					==
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA	NA		NA	NA
Total Chlorinated Hydrocarbons	UG/L	-	1,780	4,000	1,720	1,553	9,780
Total Volatile Organic Compounds	UG/L	- 1	1,814	4,480	2,467	2,115	10,545
Metals							
Iron	UG/L	300	1,380	NA	NA	12,300	8,930
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L	-		NA	NA		
Total Dissolved Solids	MG/L	-	3,270 J	NA	NA	536	1,130
Total Organic Carbon (TOC)	MG/L	-	5.4	NA	NA	7.3	18.6 J

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

D - Result reported from a secondary dilution analysis.

Only Detected Results Reported.

Location ID			MW-05S	MW-07S	MW-07S	MW-07S	MW-07S
Sample ID			MW-5S	MW-7S	MW-7S Groundwater - 06/23/00	MW-7S Groundwater - 10/20/00	MW-07S
Matrix	-		Groundwater	Groundwater - 03/16/00			Groundwater
Depth Interval	(ft)		10/19/00				•
Date Sample	d						10/21/04
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2	180 J	1 J	3J		
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5	3 J				
1,2-Dichloroethane	UG/L	0.6					-
1,2-Dichloroethene (total)	UG/L	-	970 D	6.J	36	6 J	NA
Trichloroethene	UG/L	5	$\bigcirc$ 71		4 J	2 J	
Benzene	UG/L	1		$\bigcirc$ 7 J			
Tetrachloroethene	UG/L	5	420 D		5 J	6 J	
Toluene	UG/L	5			2 J		
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	NA	NA	NA	NA	7 J
1,2-Dichloroethene (trans)	UG/L	5	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	UG/L	5	NA	NA	NA	NA	NA
Methyl tert-Butyl Ether	UG/L	10	NA	NA	NA	NA	5 J
Methylcyclohexane	UG/L	•	NA	NA	NA	NA	
Cyclohexane	UG/L	*	NA	NA	NA	NA	2 J
sopropylbenzene	UG/L	5	NA	NA	NA	NA	
4-Isopropyltoluene	UG/L	5	NA	NA	NA	NA	NA
Naphthalene	UG/L	10	NA	NA	NA	NA	NA

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID Sample ID Matrix			MW-05S	MW-07S	MW-07S	MW-07S	MW-07S
			MW-5S	MW-7S	MW-7S	MW-7S	MW-07S
			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		•	•	•	-	
Date Sampled			10/19/00	03/16/00	06/23/00	10/20/00	10/21/04
Parameter	Units	Criteria*					
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA	NA	NA	NA	NA
Total Chlorinated Hydrocarbons	UG/L	-	1,461	6	45	14	ND
Total Volatile Organic Compounds	UG/L		1,644	14	61	14	14
Metals							
Iron	UG/L	300	11,700	13,700	15,600	4,640	NA
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L	-					NA
Total Dissolved Solids	MG/L	-	812	1,180	903	1,090	NA
Total Organic Carbon (TOC)	MG/L	-	10.0	9.5	8.0 J	12.4	NA

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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NA - Not analyzed; J - Estimated value

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA

Location ID			MW-07S	MW-08S	MW-08S	MW-08S	MW-08S
Sample ID  Matrix  Depth Interval (ft)		WG-07S-050906	MW-8S	MW-8S	MW-08S	WG-08S-050906	
		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	
		•	•	•	•	-	
Date Sampled	d		05/09/06	03/16/00	06/23/00	10/22/04	05/09/06
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2	$\bigcirc$ 3J				
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (total)	UG/L	-	NA		47	NA	NA
Trichloroethene	UG/L	5	$\bigcirc$				
Benzene	UG/L	1		33	10	5 J	6
Tetrachloroethene	UG/L	5	38		20		
Toluene	UG/L	5		6 J	3 J		
Ethylbenzene	UG/L	5		260 D	140	49	18
Xylene (total)	UG/L	5		660 D	320	67	46
1,2-Dichloroethene (cis)	UG/L	5	$\bigcirc$	NA	NA		
1,2-Dichloroethene (trans)	UG/L	5		NA	NA		
1,2,4-Trimethylbenzene	UG/L	5		NA	NA	NA	57
1,3,5-Trimethylbenzene	UG/L	5		NA	NA	NA	38
Methyl tert-Butyl Ether	UG/L	10	2 J	NA	NA		
Methylcyclohexane	UG/L	•	NA	NA	NA	76	NA
Cyclohexane	UG/L	-	NA	NA	NA	68	NA
sopropylbenzene	UG/L	5		NA	NA	8J	3 J
4-Isopropyltoluene	UG/L	5		NA	NA	NA	1 J
Naphthalene	UG/L	10		NA	NA	NA	14

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID Sample ID Matrix			MW-07S	MW-08S	MW-08S	MW-08S	MW-08S
			WG-07S-050906	MW-8S	MW-8S	MW-08S	WG-08S-050906
			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		-			•	
Date Sampled			05/09/06	03/16/00	06/23/00	10/22/04	05/09/06
Parameter	Units	Criteria*					
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5		NA	NA	NA	2 J
Total Chlorinated Hydrocarbons	UG/L	-	50	ND	74	ND	ND
Total Volatile Organic Compounds	UG/L	-	155	959	547	273	185
Metals				_			
Iron	UG/L	300	NA	31,500	38,200	NA	NA
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L		NA	4.4		NA	NA
Total Dissolved Solids	MG/L		NA	996	1,930	NA	NA
Total Organic Carbon (TOC)	MG/L		NA	20.8	7.7 J	NA	NA

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-09S	MW-09S	MW-09S	MW-09S	MW-09S
Sample ID			MW-9S	MW-9S	MW-9S	MW-09S	WG-09S-050906
Matrix			Groundwater	Groundwater - 06/26/00	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		•	10/20/00		•	05/09/06	
Date Sampled					03/16/00		10/22/04
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2					
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethane	UG/L	0.6					-
1,2-Dichloroethene (total)	UG/L	•		4 J	4 J	NA	NA
Trichloroethene	UG/L	5		2 J	2 J		
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5	1 J	87	6 J		
Toluene	UG/L	5		2 J			
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	NA	NA	NA		
1,2-Dichloroethene (trans)	UG/L	5	NA	NA	NA		
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	UG/L	5	NA	NA	NA	NA	
Methyl tert-Butyl Ether	UG/L	10	NA	NA	NA		
Methylcyclohexane	UG/L	-	NA	NA	NA		NA
Cyclohexane	UG/L	•	NA	NA	NA		NA
Isopropylbenzene	UG/L	5	NA	NA	NA		
4-Isopropyltoluene	UG/L	5	NA	NA	NA	NA	
Naphthalene	UG/L	10	NA	NA	NA	NA	

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Location ID Sample ID Matrix			MW-09S	MW-09S	MW-09S	MW-09S	MW-09S
			MW-9S Groundwater	MW-9S	MW-9S	MW-09S	WG-09S-050906
				Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		•	-			٠
Date Sampled			03/16/00	06/26/00	10/20/00	10/22/04	05/09/06
Parameter	Units	Criteria*					
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA	NA	NA	NA	
Total Chlorinated Hydrocarbons	UG/L	-	1	14	12	ND	ND
Total Volatile Organic Compounds	UG/L		1	16	12	ND	ND
Metals							
Iron	UG/L	300	7,990	73,300	2,360	NA	NA
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L					NA	NA
Total Dissolved Solids	MG/L	-	917	920	972	NA	NA
Total Organic Carbon (TOC)	MG/L	-	1.6	2.1 J	2.7	NA	NA

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-11D	MW-11S	MW-12S	MW-12S	MW-12S
Sample ID			MW-11D	MW-11S	MW-12S	MW-12S	MW-12S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		•	06/26/00	06/26/00	10/20/00	12/29/04	
Date Sampled							06/26/00
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2		14			
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethane	UG/L	0.6			10 J		
1,2-Dichloroethene (total)	UG/L	-	2 J	150	1 J		NA
Trichloroethene	UG/L	5	1 J	26			
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5	6 J	200 D	3 NJ		
Toluene	UG/L	5			2 J		
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5	NA	NA	NA	NA	
1,2-Dichloroethene (trans)	UG/L	5	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	UG/L	5	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	UG/L	5	NA	NA	NA	NA	NA
Methyl tert-Butyl Ether	UG/L	10	NA	NA	NA	NA	
Methylcyclohexane	UG/L		NA	NA	NA	NA	
Cyclohexane	UG/L		NA	NA	NA	NA	
sopropylbenzene	UG/L	5	NA	NA	NA	NA	
4-Isopropyltoluene	UG/L	5	NA	NA	NA	NA	NA
Naphthalene	UG/L	10	NA	NA	NA	NA	NA

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID Sample ID Matrix			MW-11D	MW-11S	MW-12S	MW-12S	MW-12S
			MW-11D	MW-11S	MW-12S	MW-12S	MW-12S
			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		•		-		
Date Sampled			06/26/00	06/26/00	06/26/00	10/20/00	12/29/04
Parameter	Units	Criteria*					
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	NA	NA	NA	NA ·	NA
Total Chlorinated Hydrocarbons	UG/L	-	9	376	4	ND	ND
Total Volatile Organic Compounds	UG/L	-	9	390	16	ND	ND
Metals							
Iron	UG/L	300	31,800	20,500	14,000	2,130	NA
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L	•					NA
Total Dissolved Solids	MG/L	-	10,500	1,220	1,910	752	NA
Total Organic Carbon (TOC)	MG/L	-	5.5 J	2.2 J	1.3 J	2.4	NA

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-12S	MW-16S	MW-16S	MW-19S	MW-19S
Sample ID			WG-12S-050906	MW-16S	WG-16S-050906	MW-19S	WG-19S-050906
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		-	10/22/04	•	•	05/09/06
Date Sample			05/09/06		05/09/06	10/22/04	
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Vinyl Chloride	UG/L	2					
Acetone	UG/L	50					
Carbon Disulfide	UG/L	60					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (total)	UG/L	•	NA	NA	NA	NA	NA
Trichloroethene	UG/L	5					
Benzene	UG/L	1					
Tetrachloroethene	UG/L	5			5	6 J	6
Toluene	UG/L	5					
Ethylbenzene	UG/L	5					
Xylene (total)	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
1,2-Dichloroethene (trans)	UG/L	5					
1,2,4-Trimethylbenzene	UG/L	5		NA		NA	
1,3,5-Trimethylbenzene	UG/L	5		NA		NA	
Methyl tert-Butyl Ether	UG/L	10					
Methylcyclohexane	UG/L	-	NA		NA		NA
Cyclohexane	UG/L	-	NA		NA		NA
Isopropylbenzene	UG/L	5					
4-Isopropyltoluene	UG/L	5		NA		NA	
Naphthalene	UG/L	10		NA		NA	

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID Sample ID Matrix Depth Interval (ft) Date Sampled			MW-12S	MW-16S	MW-16S	MW-19S	MW-19S
			WG-12S-050906	MW-16S	WG-16S-050906	MW-19S	WG-19S-050906
			Groundwater	Groundwater - - 10/22/04	Groundwater -	Groundwater	Groundwater
						-	05/09/06
			05/09/06		05/09/06	10/22/04	
Parameter	Units	Criteria*				-	
Volatile Organic Compounds							
n-Propylbenzene	UG/L	5	144	NA		NA	
Total Chlorinated Hydrocarbons	UG/L		ND	ND	5	6	6
Total Volatile Organic Compounds	UG/L	•	ND	ND	5	6	6
Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Petroleum Hydrocarbons	MG/L	-	NA	NA	NA	NA	NA
Total Dissolved Solids	MG/L	•	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	MG/L	-	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

Location ID			MW-20S	MW-20S	MW-20S	
Sample ID			MW-20S	MW-20S	WG-20S-050906	
Matrix			Groundwater	Groundwater	Groundwater -	
Depth Interval (	(ft)		-	-		
Date Sampled	d		06/26/00	10/22/04	05/09/06	
Parameter	Units	Criteria*				
Volatile Organic Compounds						
Vinyl Chloride	UG/L	2	41	1 J	3 J	
Acetone	UG/L	50				
Carbon Disulfide	UG/L	60				
1,1-Dichloroethene	UG/L	5				
1,2-Dichloroethane	UG/L	0.6				
1,2-Dichloroethene (total)	UG/L	-	370 J	NA	NA	
Trichloroethene	UG/L	5	52	20	13	
Benzene	UG/L	1				
Tetrachloroethene	UG/L	5	150 D	73	39	
Toluene	UG/L	5	2 J			
Ethylbenzene	UG/L	5				
Xylene (total)	UG/L	5				
1,2-Dichloroethene (cis)	UG/L	5	NA	170	100	
1,2-Dichloroethene (trans)	UG/L	5	NA			
1,2,4-Trimethylbenzene	UG/L	5	NA	NA		
1,3,5-Trimethylbenzene	UG/L	5	NA	NA		
Methyl tert-Butyl Ether	UG/L	10	NA	2 J		
Methylcyclohexane	UG/L		NA		NA	
Cyclohexane	UG/L		NA		NA	
Isopropylbenzene	UG/L	5	NA			
4-Isopropyltoluene	UG/L	5	NA	NA		
Naphthalene	UG/L	10	NA	NA		

<sup>\*</sup>Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

Location ID			MW-20S	MW-20S	MW-20S	
Sample ID	·		MW-20S	MW-20S	WG-20S-050906	
Matrix			Groundwater	Groundwater	Groundwater	
Depth Interval	(ft)		-	-	-	
Date Sample		06/26/00	10/22/04	05/09/06		
Parameter	Units	Criteria*				
Volatile Organic Compounds						
n-Propylbenzene	UG/L	5	NA	NA		
Total Chlorinated Hydrocarbons	UG/L	- 1	572	93	52	
Total Volatile Organic Compounds	UG/L		615	266	155	
Metals						
Iron	UG/L	300	8,190	NA	NA	
Miscellaneous Parameters						
Petroleum Hydrocarbons	MG/L	- 1		NA	NA	
Total Dissolved Solids	MG/L		747	NA	NA	
Total Organic Carbon (TOC)	MG/L		3.8 J	NA	NA	

\*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.Revised April 2000, Class GA.

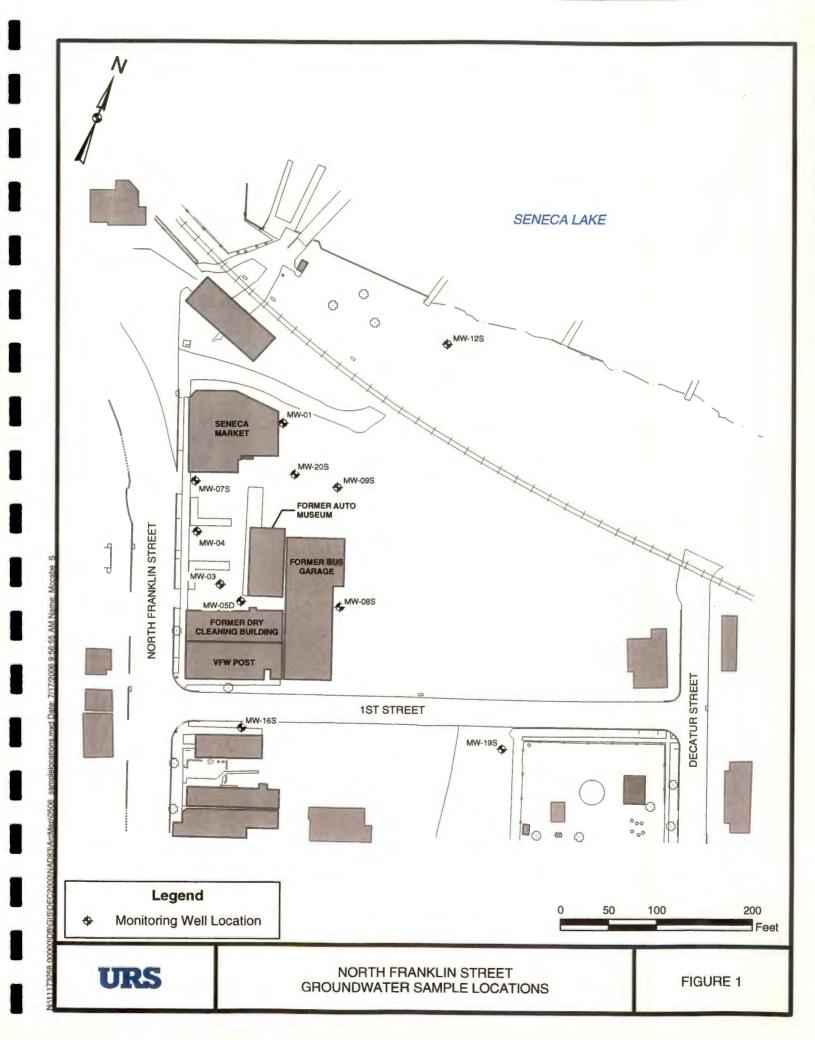
Flags assigned during chemistry validation are shown.

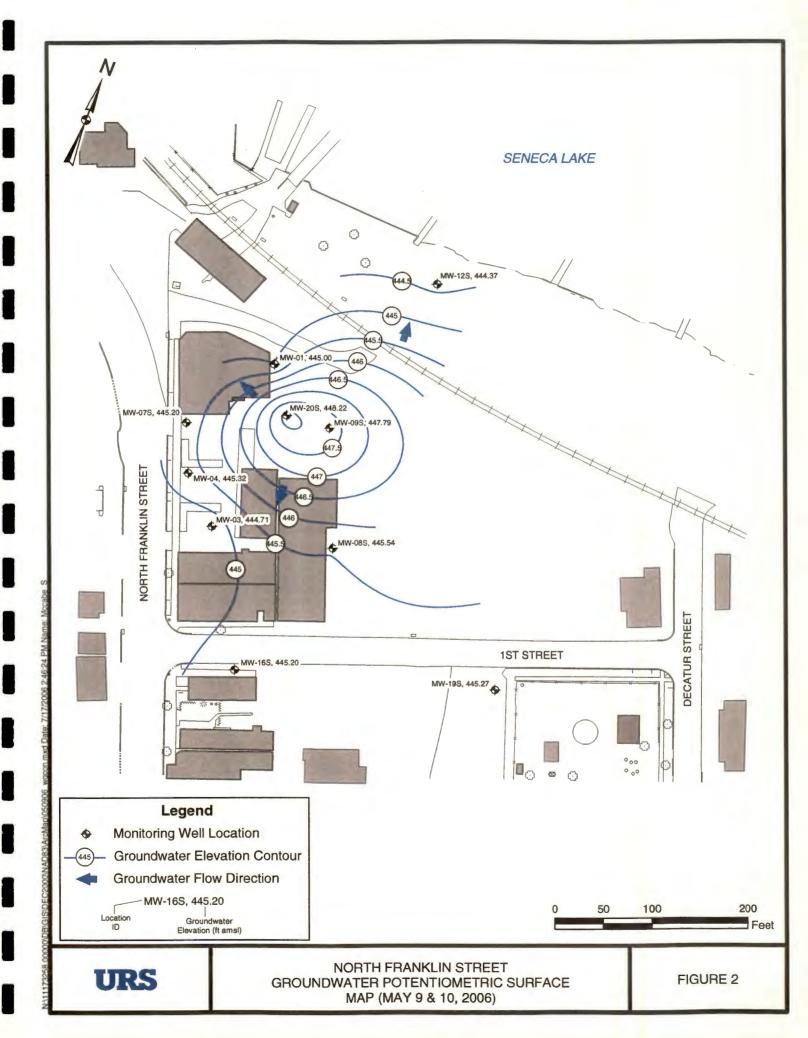
Concentration Exceeds Criteria

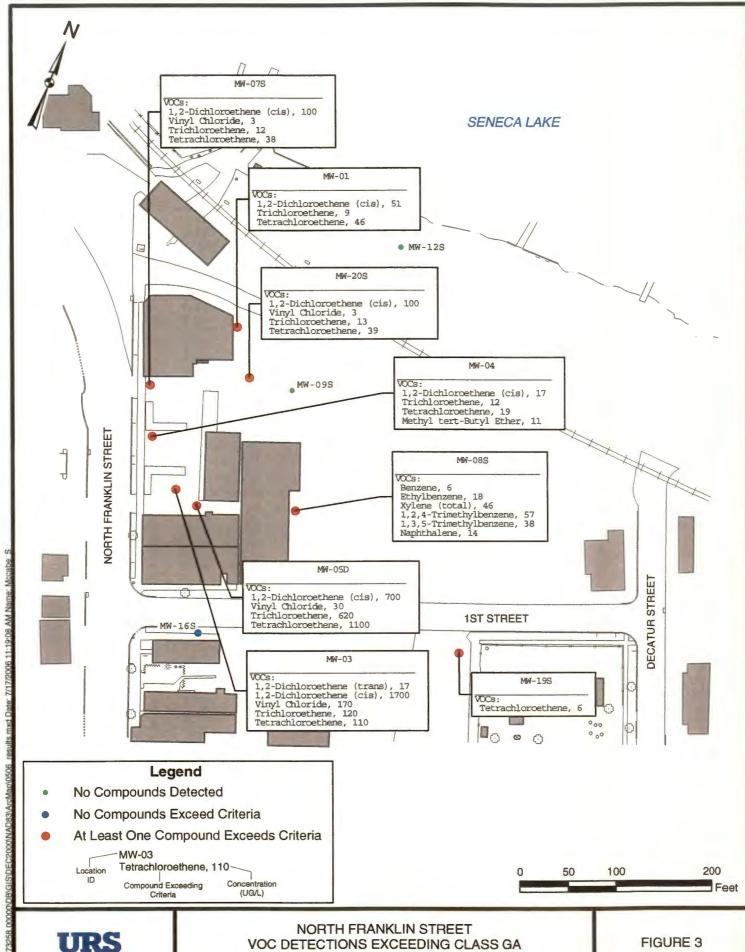
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

NA - Not analyzed; J - Estimated value

**FIGURES** 

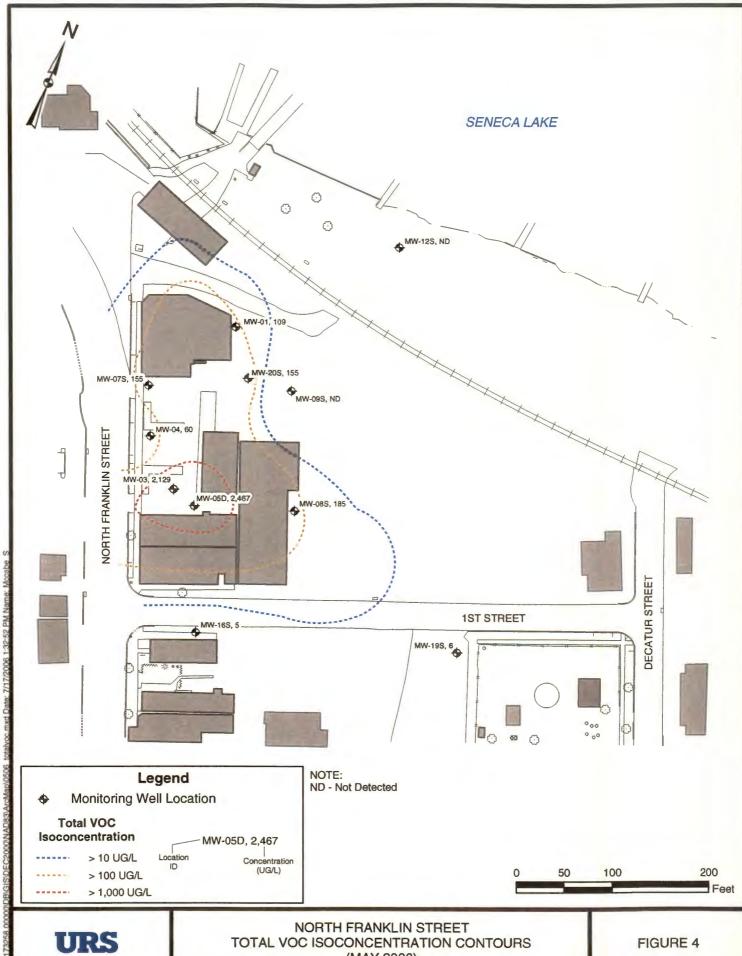




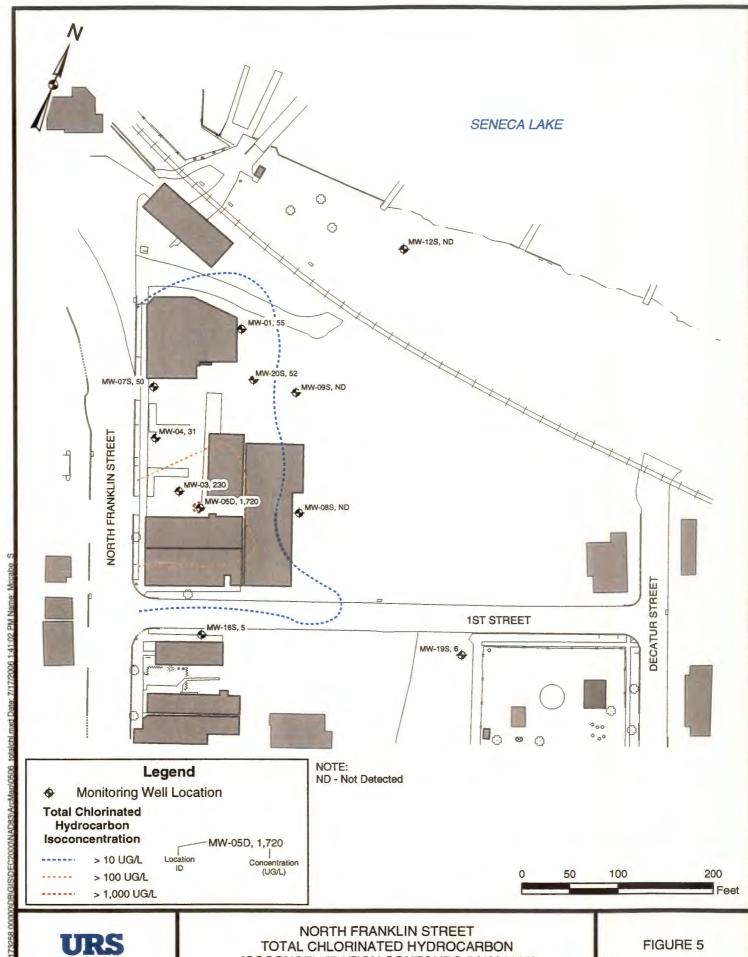


URS

**GROUNDWATER STANDARDS (MAY 2006)** 



(MAY 2006)



ISOCONCENTRATION CONTOURS (MAY 2006)

## APPENDIX A WELL PURGE LOGS



PROJECT TITLE: NYSDEC - 2	0 N. Frankli	n St., Wa	tkins Glen	, NY			WELL NO	D.: MW-01	1
PROJECT NO.: 11174211							TIM	ES: START	PURGE- 13:46
STAFF: Kevin J. McG	Sovern							END	PURGE- 14:01
DATE (S): 05/09/06		_							SAMPLE 14:10
PURGING METHOD: Disposa	able HDPE t	pailer and	poly twine	9			-		
SAMPLING METHOD: Disposa	able HDPE t	oailer and	poly twin	8			•		
SCREENED INTERVAL OF WI	ELL FROM	CONSTR	UCTION	LOG (dep	ths below	top of rise	er) =		
WELL DEPTH- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	13.89		
2. WATER LEVEL- BELOW TO	P OF RISE	R (FEET	)			=	5.64		
3. VOLUME OF WATER IN WE	LL (#2 X 0.	17) (GAL	.)			=	1.40	WELL	
4. TOTAL VOLUME OF WATE	R TO BE RE	EMOVED	(#3 X 3) (	GAL.)		=	4.2	2"	0.17
5. VOLUME OF WATER ACTU						=	5.3		
	WELL	VOLUM	ES PUR		TAL GALL	ONS PUR	RGED)		INSTRUMENT I.D./
PARAMETERS	0 (init.)	1 (1)	2 (2)	3 (3)	4 (4)	5(5)	6()	SAMPLE	DESCRIPTION
оН	7.04	6.97	6.99	7.00	7.03	7.02		7.01	Horiba U-10 Water Quality Checker
COND. (ms/cm)	1.91	2.43	2.50	2.50	2.46	2.44		2.31	Horiba U-10 Water Quality Checker
DO (mg/l)	1.44	1.29	1.45	1.65	1.62	1.60		1.68	Horiba U-10 Water Quality Checker
TEMPERATURE (°C)	13.2	11.9	11.8	11.7	11.8	11.6		12.1	Horiba U-10 Water Quality Checker
								4.55	LaMotte 2020
TURBIDITY (NTU)	24	149	122	71	106	84		128	Turbidity Meter
			1000	***	NIA	NA.		NA	Solinst
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA	INA		1471	Comitot



	: NYSDEC - 20	N. Frankli	n St., Wa	tkins Glen	, NY			WELL NO	D.: <u>MW-03</u>	3	
PROJECT NO.:	11174211							TIM	ES: START	PUR	GE- 8:12
STAFF:	Kevin J. McG	overn						END	PUR	GE- 8:25	
DATE (S):	05/10/06	.,,								SAM	PLE 8:35
PURGING METH	HOD: Disposal	ble HDPE b	ailer and	poly twin	е						
SAMPLING MET	HOD: Disposal	ble HDPE b	ailer and	poly twin	6						
SCREENED INTI	ERVAL OF WE	LL FROM	CONSTR	UCTION	LOG (dep	ths below	top of rise	er) =			
1. WELL DEPTH	- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	12.72			
2. WATER LEVE	EL- BELOW TOP	OF RISE	R (FEET)	)			=	6.00			
3. VOLUME OF V	WATER IN WEL	LL (#2 X 0.	17) (GAL	.)			=	1.14	WELL	I.D.	VOL. (GAL/FT)
4. TOTAL VOLUM	ME OF WATER	TO BE RE	MOVED	(#3 X 3) (	(GAL.)		=	3.4	. 2"		0.17
5. VOLUME OF V	WATER ACTUA	ALLY REMO	OVED (G	AL.)			=	4.3			
5. VOLUME OF V		pion				TAL GALL	= ONS PUF				INSTRUMENT I.D./
5. VOLUME OF V		pion			GED (TOT BAILER 3 (3)	TAL GALL			SAMPLE		INSTRUMENT I.D./ DESCRIPTION
PARAME		WELL	VOLUM	ES PUR	BAILER		ONS PUF	RGED)	SAMPLE 6.63	Horil	DESCRIPTION pa U-10 Water Quality
PARAME		WELL 0 (init.)	VOLUM 1 (1)	2 (2)	BAILER 3 (3)	4 (4)	ONS PUF	RGED)		Che	DESCRIPTION  pa U-10 Water Quality  cker  pa U-10 Water Quality
PARAME		0 (init.)	1 (1) 6.56	2 (2) 6.59	3 (3) 6.61	4 (4)	ONS PUF	RGED)	6.63	Chec Horil Chec	DESCRIPTION  Da U-10 Water Quality  cker  Da U-10 Water Quality  cker  Da U-10 Water Quality
PARAME  COND. (ms/cm)  CO (mg/l)	ETERS	0 (init.) 6.14	VOLUM 1 (1) 6.56 1.76	2 (2) 6.59	3 (3) 6.61 1.71	4 (4) 6.61 1.65	ONS PUF	RGED)	6.63	Chec Horil Chec Horil Chec	DESCRIPTION  Day U-10 Water Quality
PARAME  COND. (ms/cm)  CO (mg/l)  TEMPERATURE (	ETERS	0 (init.) 6.14 1.32 1.51	VOLUM  1 (1)  6.56  1.76  1.32	2 (2) 6.59 1.70	3 (3) 6.61 1.71 1.15	4 (4) 6.61 1.65	ONS PUF	RGED)	6.63 1.80	Chec Horil Chec Horil Chec LaM	DESCRIPTION  Day U-10 Water Quality
	ETERS  (°C)	WELL 0 (init.) 6.14 1.32 1.51 10.4	VOLUM  1 (1)  6.56  1.76  1.32  10.0	2 (2) 6.59 1.70 1.14	BAILER 3 (3) 6.61 1.71 1.15	4 (4) 6.61 1.65 1.16	ONS PUF	RGED)	1.80 1.24 10.6	Chec Horil Chec Horil Chec LaM	DESCRIPTION  Day U-10 Water Quality Cker  Day U-10 Water Quality Cker

- QA/QC: None



PROJECT TITLE: NYSDEC - 2	0 N. Frankli	n St., Wa	tkins Gler	, NY			WELL NO	D.: MW-04	4
PROJECT NO.: 11174211				11			TIM	ES: START	PURGE- 15:29
STAFF: Kevin J. McC	Govern							END	PURGE- 15:41
DATE (S): 05/09/06									SAMPLE 15:50
PURGING METHOD: Dispos	able HDPE I	pailer and	poly twin	е					
SAMPLING METHOD: Dispose	able HDPE I	pailer and	poly twin	е					
SCREENED INTERVAL OF W	ELL FROM	CONSTR	UCTION	LOG (dep	ths below	top of ris	er) =		
1. WELL DEPTH- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	11.48		
2. WATER LEVEL- BELOW TO	OP OF RISE	R (FEET)	)			=	4.85		
3. VOLUME OF WATER IN WE	ELL (#2 X 0.	1 <b>7</b> ) (GAL	.)			=	1.13	WELL 2"	1.D. <u>VOL. (GAL/FT)</u> 0.17
4. TOTAL VOLUME OF WATE	R TO BE RE	EMOVED	(#3 X 3)	(GAL.)		=	3.4		0.17
5. VOLUME OF WATER ACTU	JALLY REM	OVED (G	AL.)			=	4.3		
	WELL	VOLUM	ES PUR	GED (TOT	AL GALL	ONS PU	RGED)		INSTRUMENT I.D./
PARAMETERS	0 (init.)	1 (1)	2 (2)	BAILER 3 (3)	4 (4)	5()	6()	SAMPLE	DESCRIPTION
pH	7.19	7.07	6.99	7.05	7.00			7.10	Horiba U-10 Water Quality Checker
COND. (ms/cm)	1.57	1.64	1.86	1.89	1.90			2.54	Horiba U-10 Water Quality Checker
DO (mg/l)	1.00	1.49	1.65	1.67	1.69			1.77	Horiba U-10 Water Quality Checker
TEMPERATURE (°C)	12.3	11.3	10.9	11.2	10.9			11.8	Horiba U-10 Water Quality Checker
TIPOPOTY (ATTI)		500	744	600	640			65	LaMotte 2020
TURBIDITY (NTU)	14	566	714	682	618			65	Turbidity Meter
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA			NA	Solinst
TIME	15:29	15:32	15:34	15:37	15:41			15:50	Watch
COMMENTS: Pale gray pu Filter pack in	•	er.		paramete I.D: WG-0		•	60B TCL)		



PROJECT TITLE: NYSDEC - 2	20 N. Frankli	n St., Wa	tkins Glen	, NY			WELL N	O.: <u>MW-0</u>	5D	
PROJECT NO.: 11174211							TIM	IES: START	PURGE	8:59
STAFF: Kevin J. Mc	Govern							END	PURGE	9:30
DATE (S): 05/10/06									SAMPLE	9:40
PURGING METHOD: Dispos	able HDPE b	pailer and	poly twin	е						
SAMPLING METHOD: Dispos	able HDPE b	pailer and	poly twin	е						
SCREENED INTERVAL OF W	ELL FROM	CONSTR	UCTION	LOG (dep	oths below	top of rise	er) =			
1. WELL DEPTH- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	29,48			
2. WATER LEVEL- BELOW TO	OP OF RISE	R (FEET)	)			=	6.05	-		
3. VOLUME OF WATER IN WE	ELL (#2 X 0.	17) (GAL	.)			=	3.98	WELL	I.D. VC	0.17
4 TOTAL VOLUME OF MATE	R TO BE RE	MOVED	(#3 X 3) (	(GAL.)		=	11.9			J. 17
4. TOTAL VOLUME OF WATE										
		OVED (G	AL.)			=	12.5	_		
5. VOLUME OF WATER ACTU	JALLY REMO			GED (TO	TAL GALL				IN	STRUMENT I.D./
	WELL	VOLUM	ES PUR	BAILER		ONS PU	RGED)	CAMPLE		STRUMENT I.D./ DESCRIPTION
5. VOLUME OF WATER ACTU	JALLY REMO							SAMPLE		DESCRIPTION
5. VOLUME OF WATER ACTU	WELL	VOLUM	ES PUR	BAILER		ONS PU	RGED)	SAMPLE 6.77	Horiba U	DESCRIPTION
PARAMETERS	WELL  0 (init.)  7.18	1 (3) 6.77	2 (6) 6.75	3 (9) 6.73	6.77	ONS PU	RGED)	6.77	Horiba U Checker Horiba U	DESCRIPTION  1-10 Water Quality  1-10 Water Quality
PARAMETERS	WELL  O (init.)	1 (3)	2 (6)	BAILER 3 (9)	4 (12)	ONS PU	RGED)		Horiba U Checker Horiba U Checker	DESCRIPTION  1-10 Water Quality  1-10 Water Quality
PARAMETERS  PH  COND. (ms/cm)	WELL  0 (init.)  7.18	1 (3) 6.77	2 (6) 6.75	3 (9) 6.73	6.77	ONS PU	RGED)	6.77	Horiba U Checker Horiba U Checker Horiba U Checker	DESCRIPTION  1-10 Water Quality  1-10 Water Quality  1-10 Water Quality
PARAMETERS  PH  COND. (ms/cm)  DO (mg/l)	WELL  0 (init.)  7.18  0.92	1 (3) 6.77	2 (6) 6.75 9.90	3 (9) 6.73 8.80	6.77	ONS PU	RGED)	6.77	Horiba U Checker Horiba U Checker Horiba U Checker	DESCRIPTION  1-10 Water Quality  1-10 Water Quality  1-10 Water Quality  1-10 Water Quality
PARAMETERS  OH  COND. (ms/cm)  DO (mg/l)  TEMPERATURE (°C)	WELL  0 (init.)  7.18  0.92  1.16	1 (3) 6.77 1.98 2.14	2 (6) 6.75 9.90	8.80 1.71	6.77 9.14 1.76	ONS PU	RGED)	6.77 6.39 1.89	Horiba U Checker Horiba U Checker Horiba U Checker	DESCRIPTION 1-10 Water Quality
4. TOTAL VOLUME OF WATE  5. VOLUME OF WATER ACTU  PARAMETERS  PH  COND. (ms/cm)  DO (mg/l)  TEMPERATURE (°C)  TURBIDITY (NTU)  WATER LEVEL (BTOR-feet)	WELL  0 (init.)  7.18  0.92  1.16  11.6	VOLUM  1 (3)  6.77  1.98  2.14  12.3	2 (6) 6.75 9.90 1.68	BAILER 3 (9) 6.73 8.80 1.71	9.14 1.76	ONS PU	RGED)	6.77 6.39 1.89	Horiba U Checker Horiba U Checker Horiba U Checker Horiba U Checker LaMotte	DESCRIPTION 1-10 Water Quality



PROJECT TITLE: NYSDEC -	20 N. Frankli	n St., Wa	tkins Gler	, NY			WELL NO	D.: MW-0	7S
PROJECT NO.: 11174211							TIM	ES: START	PURGE- 17:00
STAFF: Kevin J. Mc	Govern			END	PURGE17:12				
DATE (S): 05/09/06									SAMPLE: 17:27
PURGING METHOD: Dispos	able HDPE	bailer and	poly twin	е					-
SAMPLING METHOD: Dispos	able HDPE	bailer and	poly twin	0					
SCREENED INTERVAL OF W	ELL FROM	CONSTR	UCTION	LOG (dep	ths below	top of rise	er) =		
1. WELL DEPTH- BELOW TO	P OF RISER	(BTOR)	(FEET)			=	16.12		
2. WATER LEVEL- BELOW TO	OP OF RISE	R (FEET	)			=	5.11		
3. VOLUME OF WATER IN W	ELL (#2 X 0.	17) (GAL	.)			=	1.87	WELL 2"	1.D. <u>VOL. (GAL/FT)</u> 0.17
4. TOTAL VOLUME OF WATE	RTOBER	EMOVED	(#3 X 3)	(GAL.)		=	5.6		0.17
5. VOLUME OF WATER ACTU	JALLY REM	OVED (G	AL.)			=	6.5		
	WELL	VOLUM	ES PUR	GED (TO	TAL GALL	ONS PUF	RGED)		INSTRUMENT I.D./
PARAMETERS	0 (init.)	1 (1)	2 (2)	BAILER	4 (4)	5(5)	6 (6)	SAMPLE	DESCRIPTION
оН	6.93	6.99	7.01	7.00	7.01	7.02	7.00	6.96	Horiba U-10 Water Quality Checker
COND. (ms/cm)	1.58	1.74	1.63	1.59	1.57	1.56	1.58	1.59	Horiba U-10 Water Quality Checker
DO (mg/l)	2.35	1.45	1.31	1.30	1.25	1.20	1.18	1.61	Horiba U-10 Water Quality Checker
TEMPERATURE (°C)	13.5	12.1	11.8	11.3	11.4	11.5	11.3	11.8	Horiba U-10 Water Quality Checker
TURBIDITY (NTU)	23	>999	821	655	433	391	421	211	LaMotte 2020 Turbidity Meter
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA	NA	NA	NA	Solinst
TIME	17:00	17:03	17:06	17:09	17:12	17:15	17:18	17:27	Watch
COMMENTS: Brown purg	e water.			paramete		(EPA 826	OB TCL)		

<sup>-</sup> QA/QC: None



PROJECT NO.: 11174211							TIM	ES: START	Γ PURGE- 11:24
STAFF: Kevin J. McC	Govern							ENC	PURGE- 11:38
DATE (S): 05/09/06							-		SAMPLE: 11:45
							-		OAMI LE TI.40
PURGING METHOD: Dispos	able HDPE	bailer and	poly twin	е					
-							_		
SAMPLING METHOD: Dispos	able HDPE	bailer and	poly twin	е					
SCREENED INTERVAL OF W	ELL EROM	CONSTR	LICTION	OG (den	the helow	top of de	cerl =		
SCREENED INTERVAL OF W	ELL PROW	CONSTR	NO HON	LOO (dep	uis below	top of II.	301 / -		
1. WELL DEPTH- BELOW TOP	OF RISEF	(BTOR)	(FEET)			=	13.60		
2. WATER LEVEL- BELOW TO	OP OF RISE	R (FEET)	)			=	7.90		
3. VOLUME OF WATER IN WE	ELL (#2 X 0.	17) (GAL	.)			=	0.97	WELL	I.D. VOL. (GAL/FT)
4. TOTAL VOLUME OF WATE				GAL )		=	2.9	2"	
				(O/L.)					
5. VOLUME OF WATER ACTU	JALLY REM	OVED (G	AL.)			=	4.3	•	
DADAMETERO	WELL	VOLUM	ES PUR		AL GALL	ONS PU	RGED)		INSTRUMENT I.D./
PARAMETERS	0 (init.)	1 (1)	2 (2)	BAILER 3 (3)	4 (4)	5()	6()	SAMPLE	DESCRIPTION
	- Comment	, (,)	_ (_/	0 (0)	7(.)				Horiba U-10 Water Quality
H	6.86	6.80	6.89	6.91	6.92			6.95	Checker
COND. (ms/cm)	1,21	1.45	1.62	1.66	1.68			1.73	Horiba U-10 Water Quality Checker
									Horiba U-10 Water Quality
OO (mg/l)	4.12	1.42	1.16	1.18	1.19			1.78	Checker
TEMPERATURE (°C)	11.7	11.1	11.2	11.1	11.2			13.5	Horiba U-10 Water Quality Checker
Lin Livitoria ( o)									LaMotte 2020
TURBIDITY (NTU)	22	219	439	647	685			448	Turbidity Meter
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA			NA	Solinst
	11:24	11:28	11:31	44.00	11:38			44.45	Watch
TIME			44.24	11:35	111.32			11:45	Inveteb



PROJECT TITLE: NYSDEC - 20	N. Frankli	n St., Wa	tkins Glen	, NY			WELL NO	D.: <u>MW-08</u>	9S
PROJECT NO.: 11174211							TIM	ES: START	PURGE17:31
STAFF: Kevin J. McG	overn							END	PURGE17:44
DATE (S): 05/09/06									SAMPLE 17:50
PURGING METHOD: Disposa	ble HDPE b	pailer and	poly twin	е					
SAMPLING METHOD: Disposa	ble HDPE t	pailer and	poly twin	0					
SCREENED INTERVAL OF WE	LL FROM	CONSTR	UCTION	LOG (dep	ths below	top of rise	er) =		
1. WELL DEPTH- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	13.95		
2. WATER LEVEL- BELOW TO	P OF RISE	R (FEET)	)			=	6.33		
3. VOLUME OF WATER IN WE	LL (#2 X 0.	17) (GAL	.)			=	1.30	WELL	I.D. VOL. (GAL/FT)
4. TOTAL VOLUME OF WATER	RTOBERE	EMOVED	(#3 X 3) (	(GAL.)		=	3.9	. 2"	0.17
5. VOLUME OF WATER ACTU	ALLY REM	OVED (G	AL.)			=	4.3		
	WELL	VOLUM	ES PUR		AL GALL	ONS PUF	RGED)		INSTRUMENT I.D./
PARAMETERS	0 (init.)	1 (1)	2 (2)	BAILER 3 (3)	4 (4)	5()	6()	SAMPLE	DESCRIPTION
	U (Init.)	1(1)	2 (2)	3 (3)	4 (4)	3()	0()	SAMPLE	Horiba U-10 Water Quality
рН	7.30	7.24	7.26	7.24	7.26			7.21	Checker
COND. (ms/cm)	1.84	1.88	1,88	1.89	1.89			1.91	Horiba U-10 Water Quality Checker
DO (mg/l)	1.01	0.08	1.44	1.49	1.51			1.45	Horiba U-10 Water Quality Checker
TEMPERATURE (°C)	13.8	12.9	12.6	12.3	12.3			12.9	Horiba U-10 Water Quality Checker
TURBIDITY (NTU)	>999	>999	922	>999	782			657	LaMotte 2020 Turbidity Meter
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA			NA	Solinst
TIME	17:31	17:33	17:39	17:41	17:44	(ED 1 - 5	on Tol '	17:50	Watch
COMMENTS: Rust colored	purgewater			paramete I.D: WG-0 None		•	OUB ICL)		



PROJECT TITLE: NYSDEC - 2	0 N. Frankli	n St., Wa	tkins Gler	n, NY	-		WELL NO	D.: <u>MW-1</u> 2	28			
PROJECT NO.: 11174211						TIM	ES: START	PURGE- 10:32				
STAFF: Kevin J. McG	Sovern						END PURGE- 10:46					
DATE (S): 05/09/06		<del></del>							SAMPLE 10:50			
PURGING METHOD: Dispose	able HDPE	bailer and	poly twin	е								
SAMPLING METHOD: <u>Disposa</u>	able HDPE	bailer and	poly twin	e								
SCREENED INTERVAL OF WE	ELL FROM	CONSTR	UCTION	LOG (dep	oths below	top of ris	er) =					
1. WELL DEPTH- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	10.71					
2. WATER LEVEL- BELOW TO	P OF RISE	R (FEET	)			=	5.95					
3. VOLUME OF WATER IN WE	LL (#2 X 0.	17) (GAL	.)			=	0.81	WELL 0"	I.D. VOL. (GAL/FT) 0.17			
4. TOTAL VOLUME OF WATER	R TO BE RE	EMOVED	(#3 X 3)	(GAL.)		=	2.4	. 2	0.17			
5. VOLUME OF WATER ACTU	ALLY REM	OVED (G	AL.)			=	4.25					
	WELL	VOLUM	ES PUR	GED (TO	TAL GALL	ONS PU	RGED)		INSTRUMENT I.D./			
PARAMETERS	0 (init.)	1 (1)	2 (2)	BAILER 3 (3)	4 (4)	5()	6()	SAMPLE	DESCRIPTION			
	O (IIII.)	1 (1)	2 (2)	0 (0)	7 (4)	0()	-	O/ WIII EE	Horiba U-10 Water Quality			
H	6.29	6.56	6.68	6.74	6.76			6.73	Checker			
COND. (ms/cm)	1.66	1.63	1.63	1.64	1.65			1.65	Horiba U-10 Water Quality Checker			
, error, (moron)									Horiba U-10 Water Quality.			
OO (mg/l)	0.83	1.95	0.93	0.98	0.95			0.98	Checker			
TEMPERATURE (°C)	11.2	11.1	10.7	10.7	10.5			11.5	Horiba U-10 Water Quality Checker			
			840	731	>999			>999	LaMotte 2020 Turbidity Meter			
TURBIDITY (NTU)	>999	>999			1							
FURBIDITY (NTU)  WATER LEVEL (BTOR-feet)	>999 NA	>999 NA	NA	NA	NA			NA	Solinst			



PROJECT TITLE: NYSDEC -	20 N. Frankli	in St., Wa	tkins Gler	n, NY			WELL N	D.: MW-16	5S
PROJECT NO.: 11174211							TIM	ES: START	PURGE- 16.:30
STAFF: Kevin J. Mc	Govern							END	PURGE- 16:42
DATE (S): 05/09/06									SAMPLE 16:50
PURGING METHOD: Dispos	able HDPE I	bailer and	poly twin	e					
SAMPLING METHOD: Dispos	able HDPE I	bailer and	poly twin	10					
SCREENED INTERVAL OF W	ELL FROM	CONSTR	RUCTION	LOG (dep	ths below	top of ris	er) =		
				,					
1. WELL DEPTH- BELOW TO	P OF RISER	(BTOR)	(FEET)			=	14.05		
2. WATER LEVEL- BELOW TO	OP OF RISE	R (FEET	)			=	6.53		
3. VOLUME OF WATER IN W	ELL (#2 X 0.	17) (GAL	)			=	1.28	WELL	I.D. VOL. (GAL/FT) 0.17
4. TOTAL VOLUME OF WATE	R TO BE R	EMOVED	(#3 X 3)	(GAL.)		=	3.8		0.17
5. VOLUME OF WATER ACTU	JALLY REM	OVED (G	AL.)			=	4.25		
	WELL	VOLUM	IES PUR	GED (TO	TAL GALL	ONS PUI	RGED)		INSTRUMENT I.D./
PARAMETERS	0 ( 1 )	4 (4)	0 (0)	BAILER	4 (4)	5()	6()	CAMPIE	DESCRIPTION
	0 (init.)	1 (1)	2 (2)	3 (3)	4 (4)	5()	0()	SAMPLE	Horiba U-10 Water Quality
oH	7.09	7.05	7.02	6.97	6.95			6.93	Checker
COND. (ms/cm)	2.31	2.43	2.11	2.13	2.12			2.15	Horiba U-10 Water Quality Checker
									Horiba U-10 Water Quality
00 (mg/l)	0.88	1.31	1.69	1.68	1.71			1.72	Checker Horiba U-10 Water Quality
TEMPERATURE (°C)	13.5	11.8	11.7	11.4	11.3			11.5	Checker
TUDDIDITY (MT) "	424	×000	>000	>000	>000			>000	LaMotte 2020
TURBIDITY (NTU)	181	>999	>999	>999	>999			>999	Turbidity Meter
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA			NA	Solinst
TIME	16:30	16:33	16:36	16:39	16:42			16:50	Watch
COMMENTS: Rust colore	d purge wate	er.		paramete I.D: WG-1			SOB TCL)		

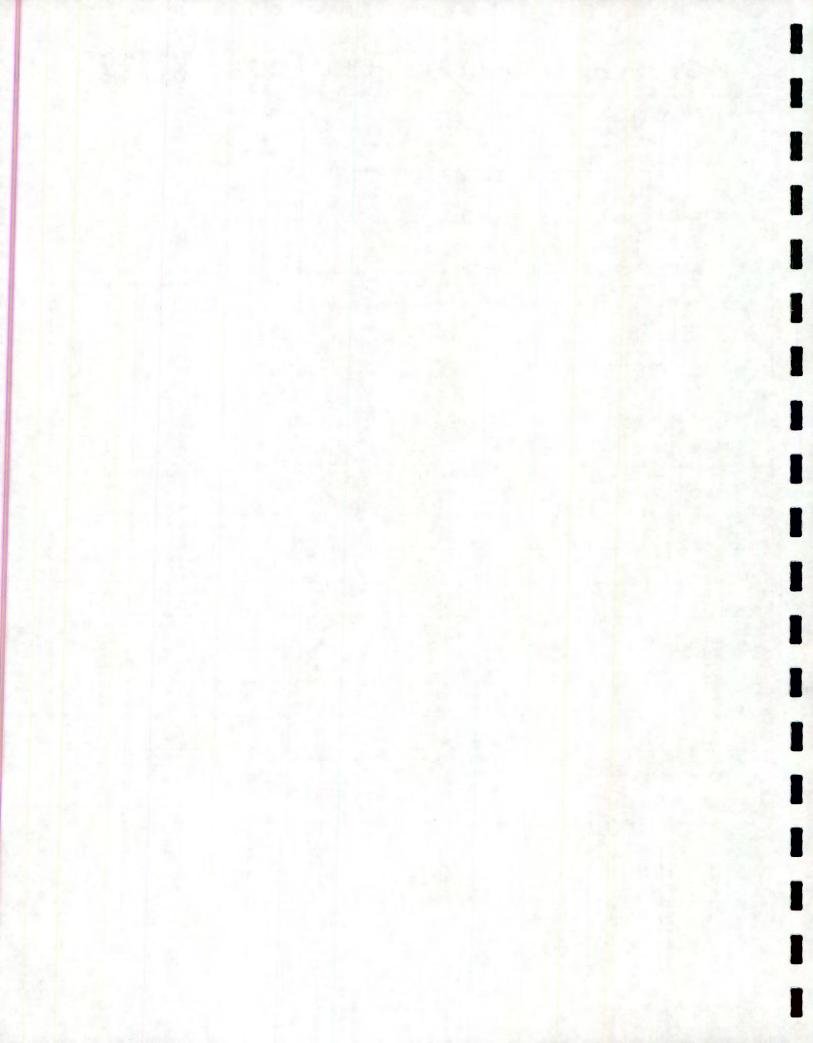
<sup>-</sup> QA/QC: None



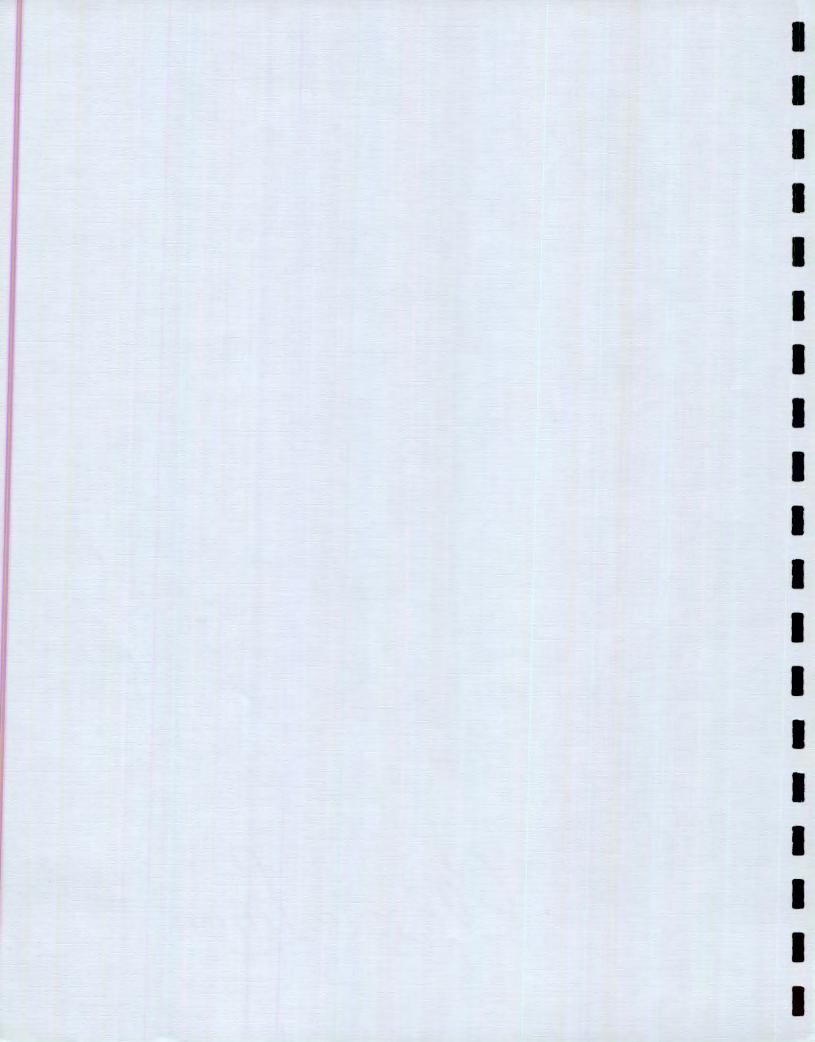
PROJECT TITLE: NYSDEC - 2	0 N. Frankii	n St., Wa	tkins Glen	, NY			WELL NO	D.: <u>MW-19</u>	OS
PROJECT NO.: 11174211							TIM	ES: START	PURGE- 12:47
STAFF: Kevin J. McC	Govern		END PURGE- 13:01						
DATE (S): 05/09/06									SAMPLE 13:07
PURGING METHOD: Disposa	able HDPE b	ailer and	poly twin	9					
SAMPLING METHOD: Dispose	able HDPE t	pailer and	poly twin	9					
SCREENED INTERVAL OF WI	ELL FROM	CONSTR	UCTION	LOG (dep	ths below	top of rise	er) =		
1. WELL DEPTH- BELOW TOP	OF RISER	(BTOR)	(FEET)			=	13.91		
2. WATER LEVEL- BELOW TO	P OF RISE	R (FEET)	)			=	6.14		
3. VOLUME OF WATER IN WE	LL (#2 X 0.	17) (GAL	.)			=	1.32	WELL	I.D. VOL. (GAL/FT) 0.17
4. TOTAL VOLUME OF WATE	R TO BE RE	MOVED	(#3 X 3) (	GAL.)		=	4.0		0.17
5. VOLUME OF WATER ACTU	ALLY REMO	OVED (G	AL.)			=	4.25		
			AL.) ES PURC		AL GALL				
PARAMETERS	WELL	VOLUM	ES PURC	BAILER		ONS PUF	RGED)	SAMPLE	INSTRUMENT I.D./ DESCRIPTION
PARAMETERS					4 (4) 6.96			SAMPLE 6.94	DESCRIPTION
PARAMETERS	WELL 0 (init.)	VOLUM 1 (1)	2 (2)	BAILER 3 (3)	4 (4)	ONS PUF	RGED)		DESCRIPTION  Horiba U-10 Water Quality
PARAMETERS OH COND. (ms/cm)	WELL 0 (init.) 7.15	VOLUM 1 (1) 7.02 1.09	2 (2) 7.01	3 (3) 6.98	4 (4)	ONS PUF	RGED)	6.94	DESCRIPTION Horiba U-10 Water Quality Checker Horiba U-10 Water Quality Checker
PARAMETERS  PH  COND. (ms/cm)  DO (mg/l)	0 (init.) 7.15	1 (1) 7.02	2 (2) 7.01	3 (3) 6.98	4 (4) 6.96 1.12	ONS PUF	RGED)	6.94 1.12	DESCRIPTION  Horiba U-10 Water Quality Checker  Horiba U-10 Water Quality Checker  Horiba U-10 Water Quality
PARAMETERS  DH  COND. (ms/cm)  DO (mg/l)  TEMPERATURE (°C)	WELL 0 (init.) 7.15 1.07 0.75	VOLUM  1 (1)  7.02  1.09  1.10	2 (2) 7.01 1.12 1.58	3 (3) 6.98 1.11 1.63	4 (4) 6.96 1.12 1.62	ONS PUF	RGED)	6.94 1.12 1.69	DESCRIPTION  Horiba U-10 Water Quality Checker  Horiba U-10 Water Quality
PARAMETERS  PH  COND. (ms/cm)  DO (mg/l)  TEMPERATURE (°C)  TURBIDITY (NTU)  WATER LEVEL (BTOR-feet)	WELL  0 (init.)  7.15  1.07  0.75  13.1	VOLUM  1 (1)  7.02  1.09  1.10  11.6	2 (2) 7.01 1.12 1.58	BAILER 3 (3) 6.98 1.11 1.63	4 (4) 6.96 1.12 1.62	ONS PUF	RGED)	1.12 1.69 11.6	DESCRIPTION  Horiba U-10 Water Quality Checker  LaMotte 2020



PROJECT TITLE: NYSDEC -	20 N. Frank	lin St., Wa	tkins Gle	n, NY			WELL N	O.: MW-2	os
PROJECT NO.: 11174211							TIM	ES: START	PURGE- 14:35
STAFF: Kevin J. Mo	Govern							END	PURGE- 14:53
DATE (S): 05/09/06									SAMPLE 15:03
PURGING METHOD: Dispos	sable HDPE	bailer and	poly twir	ne					
SAMPLING METHOD: Dispos	sable HDPE	bailer and	poly twir	ne					
SCREENED INTERVAL OF W	ELL FROM	CONSTR	UCTION	LOG (dep	ths below	top of rise	er) =		
1. WELL DEPTH- BELOW TO	P OF RISE	R (BTOR)	(FEET)			=	17.40	-	
2. WATER LEVEL- BELOW T	OP OF RISE	ER (FEET)	-			=	5.62		
3. VOLUME OF WATER IN W	ELL (#2 X 0	.17) (GAL	.)			=	2.00	WELL	I.D. VOL. (GAL/FT)
4. TOTAL VOLUME OF WATE	ER TO BE R	EMOVED	(#3 X 3)	(GAL.)		=	6.0		0.17
5. VOLUME OF WATER ACT	UALLY REM	IOVED (G	AL.)			=	6.5		
	WELL	VOLUM	ES PUR	GED (TOT	AL GALL	ONS PUR	RGED)		INSTRUMENT I.D./
PARAMETERS	0 (init.)	1 (1.5)	2 (3)	3 (4.5)	4 (6)	5()	6()	SAMPLE	DESCRIPTION
рН	6.50	5.75	5.71	5.70	5.70	3()	0()	5.71	Horiba U-10 Water Quality Checker
COND. (ms/cm)	0.33	1.20	1.40	1.45	1.45			1.45	Horiba U-10 Water Quality Checker
DO (mg/l)	2.16	1.10	1.09	1.09	1.11			1.09	Horiba U-10 Water Quality Checker
TEMPERATURE (°C)	16.2	15.7	15.5	15.5	15.5			15.5	Horiba U-10 Water Quality Checker
TURBIDITY (NTU)	97	889	717	527	532			525	LaMotte 2020 Turbidity Meter
WATER LEVEL (BTOR-feet)	NA	NA	NA	NA	NA			NA	Solinst
TIME	9:12	9:17	9:21	9:25	9:29			9:35	Watch
COMMENTS: Brown Colored Purgewater			-	I.D: WG-0			OB TCL)		



# APPENDIX B DATA USABILITY SUMMARY REPORT



#### DATA USABILITY SUMMARY REPORT

# GROUNDWATER MONITORING NORTH FRANKLIN STREET SITE WATKINS GLEN, NY

Analyses Performed by:

MITKEM CORPORATION
WARWICK, RI 02886

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

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#### **TABLES**

#### (Following Text)

Table 1	Summary of Data Qualifications
Table 2	Validated Groundwater Sample Results
Table 3	Validated Field QC Sample Results

#### APPENDICES

Attachment A – Support Documentation
Attachment B – Validated Form Is

#### 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. The results from laboratory analyses of samples collected during the groundwater monitoring program at the North Franklin Street Site are discussed in this DUSR.

#### II. ANALYTICAL METHODOLOGIES

The groundwater data being evaluated is from the May 9-10, 2006 sampling of eleven groundwater samples, one matrix spike/matrix spike duplicate (MS/MSD) pair, and one trip blank. The analytical laboratory that performed the analyses is Mitkem Corporation (Warwick, RI). The samples were analyzed for target compound list (TCL) Volatile Organic Compounds (VOCs) following United States Environmental Protection Agency (USEPA) Method 8260B.

Table 1 summarizes the qualifications applied to the sample results. The validated analytical results are presented on Tables 2 and 3.

A limited data validation was performed following the guidelines in USEPA Region II Contract Laboratory Program (CLP) Organics Validation Guidelines, SOP HW-6, Rev. 12, March 2001, and consisted of a review of the deliverable completeness, quality control problems, sample quantitation limits, and verification of sample results. Qualifications applied to the data include 'J' (estimated concentration) and 'UJ' (estimated quantitation limit). Definitions of USEPA data qualifiers are presented at the end of this text. Documentation supporting the qualification of data is presented in Attachment A. Copies of the validated laboratory results (i.e., Form Is) are presented in Attachment B. Only analytical deviations affecting data usability are discussed in this report.

#### III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B) were provided by the laboratory, and included all reporting forms and raw data necessary to fully evaluate and the verify the reported analytical results.

#### IV. PRESERVATION/HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratory intact, properly preserved and under proper chainof-custody, and all were analyzed within the required holding times.

#### V. NON-CONFORMANCES

#### Continuing Calibration Standard

The percent difference between the average relative response factor (RRF) in the initial calibration (ICAL) and the RRF in the continuing calibration (CCAL) standard exceeded the quality control (QC) limit for acetone. The results for acetone in the samples listed on Table 1 were qualified 'UJ.'

Documentation supporting the qualification of data (i.e., Form 5, Form 7) is presented in Attachment A.

#### Sample Quantitation Limits

All quantitation/reporting limits were reported in accordance with method requirements and were adjusted for sample size and dilution factors.

Sample WG-03 was initially analyzed undiluted. A further dilution of 20 was required due to elevated levels of cis-1,2-dichloroethene and vinyl chloride.

Sample WG-05 was initially analyzed undiluted. A further dilution of 10 was required due to elevated levels of cis-1,2-dichloroethene, trichloroethene, and tetrachloroethene.

Results less than the quantitation/reporting limits were qualified 'J' by the laboratory.

#### VI. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation 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: 6/29/06

Reviewed By: Mary E. Bitka, Principal Chemist MGB

Date: 4/29

#### **DEFINITIONS OF USEPA DATA QUALIFIERS**

- The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

#### TABLE 1

#### SUMMARY OF DATA QUALIFICATIONS

CCAL %D > 25% for	0-16 1
acetone.	Qualify non-detects 'UJ.'

Location ID			MW-01 MW-03	MW-03	MW-04	MW-05D	MW-07S
Sample ID			WG-01-050906 WG-03-0	WG-03-051006	WG-04-0580906	-04-0580906 WG-05D-051006	
Matrix			Groundwater (	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)		-	-	•	•	
Date Sample	d		05/09/06	05/10/06	05/09/06	05/10/06	05/09/06
Parameter	Units	*					
Volatile Organic Compounds							
Chloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	UG/L	2	1 J	170 D	1 J	30	3.1
Chloroethane	UG/L	5	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
Acetone	UG/L	50	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Carbon Disulfide	UG/L	60	5 U	5 U	5 U	5 U	5 U
,1-Dichloroethene	UG/L	5	5 U	4 J	5 U	3 J	5 U
1,1-Dichloroethane	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
Chloroform	UG/L	7	5 U	5 U	5 U	5 U	5 U
,2-Dichloroethane	UG/L	0.6	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
Carbon Tetrachloride	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
Bromochloromethane	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-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
Frichloroethene	UG/L	5	(,)	120	12	620 D	12
Benzene	UG/L	1	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags essigned during chemistry validation are shown.

Concentration Exceeds

Made by AMK 6/27/06

Checked by MEB 6/28/06

Location ID			MW-01	MW-03	MW-04	MW-05D	MW-07S
Sample ID			WG-01-050906	WG-03-051006	WG-04-0580906	WG-05D-051006	WG-07S-050906
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)				•		
Date Sample			05/09/06	05/10/06	05/09/06	05/10/06	05/09/06
Parameter	Units						
	-						
Volatile Organic Compounds							
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	UG/L	•	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
Tetrachloroethene	UG/L	5	46	110	19	1,100 D	38
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Toluene	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
Ethylbenzene	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
Xylene (total)	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	51	1,700 D	17	700 D	100
1,2-Dichloroethene (trans)	UG/L	5	5 U	17	5 U	5	5 U
1,2-Dichlorobenzene	UG/L	3	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
1,4-Dichlorobenzene	UG/L	3	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
1,3,5-Trimethylbenzene	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
Methyl tert-Butyl Ether	UG/L	10	2 J	8	11	9	2 J

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Location ID			MW-01	MW-03	MW-04	MW-05D	MW-07S
Sample ID			WG-01-050906	WG-03-051006	WG-04-0580906	WG-05D-051006	WG-07S-050906
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval			•	•	•	•	
Date Sample	d		05/09/06	05/10/06	05/09/06	05/10/06	05/09/06
Parameter	Units						
Volatile Organic Compounds							
Ethylene Dibromide	UG/L	6.00E-04	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
sopropylbenzene	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
Dichlorodifluoromethane	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
1,3-Dichloropropane	UG/L	5	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
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1-Isopropyltoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
lodomethane	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
ert-Butylbenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	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

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Location ID			MW-08S	MW-09S	MW-12S	MW-16S	MW-19S
Sample ID			WG-08S-050906	WG-09S-050906	WG-12S-050906	WG-16S-050906	WG-19S-050906
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)			•	-	•	-
Date Sample	d		05/09/06	05/09/06	05/09/06	05/09/06	05/09/06
Parameter	Units	*					
Volatile Organic Compounds							
Chloromethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5	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
Chloroethane	UG/L	5	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
Acetone	UG/L	50	5 UJ				
Carbon Disulfide	UG/L	60	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-Dichloroethane	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
Chloroform	UG/L	7	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
1,1,1-Trichloroethane	UG/L	5	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
Bromodichloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	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-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U
Trichloroethene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Benzene	UG/L	1	6	5 U	5 U	5 U	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 U	5 U	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Location ID			MW-08S	MW-09S	MW-12S	MW-16S	MW-19S
Sample ID			WG-08S-050906	WG-09S-050906	WG-12S-050906	WG-16S-050906	WG-19S-050906
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)			•	-	-0	
Date Sample	d		05/09/06	05/09/06	05/09/06	05/09/06	05/09/06
Parameter	Units						
Volatile Organic Compounds							
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	UG/L	•	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
Tetrachloroethene	UG/L	5	5 U	5 U	5 U	5	6
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Toluene	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
Ethylbenzene	UG/L	5	$\bigcirc$	5 U	5 U	5 U	5 U
Styrene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Xylene (total)	UG/L	5	46	5 U	5 U	5 U	5 U
1,2-Dichloroethene (cis)	UG/L	5	5 U	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-Dichlorobenzene	UG/L	3	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
1,4-Dichlorobenzene	UG/L	3	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	57	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
1,3,5-Trimethylbenzene	UG/L	5	38	5 U	5 U	5 U	5 U
Vinyl Acetate	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	5 U	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

Made by AMK 6/27/06

Checked by MEB 6/28/06

65

Location ID Sample ID Matrix				MW-09S	MW-12S	MW-16S WG-16S-050906	MW-19S WG-19S-050906
				WG-09S-050906	WG-12S-050906		
			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval	(ft)				•	•	-
Date Sample	d		05/09/06	05/09/06	05/09/06	05/09/06	05/09/06
Parameter	Units						
Volatile Organic Compounds							
Ethylene Dibromide	UG/L	6.00E-04	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
Isopropylbenzene	UG/L	5	3.J	5 U	5 U	5 U	5 U
Trichlorofluoromethane	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
1,2,3-Trichloropropane	UG/L	0.04	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	UG/L	5	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
4-Chlorotoluene	UG/L	5	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene	UG/L	5	1 J	5 U	5 U	5 U	5 U
Bromobenzene	UG/L	5	5 U	5 U	5 U	5 U	5 U
Dibromomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
lodomethane	UG/L	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	10	$\bigcirc$ 14	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	2 J	5 U	5 U	5 U	5 U
sec-Butylbenzene	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
1,1,1,2-Tetrachloroethane	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

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Location ID	MW-20S		
Sample ID	WG-20S-060906		
Matrix	Groundwater		
Depth Interval	-		
Date Sample	1		05/09/06
Parameter	Units		
Volatile Organic Compounds			
Chloromethane	UG/L	5	5 U
Bromomethane	UG/L	5	5 U
Vinyl Chloride	UG/L	2	3 J
Chloroethane	UG/L	5	5 U
Methylene Chloride	UG/L	5	5 U
Acetone	UG/L	50	5 UJ
Carbon Disulfide	UG/L	60	5 U
1,1-Dichloroethene	UG/L	5	5 U
1,1-Dichloroethane	UG/L	5	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U
Chloroform	UG/L	7	5 U
1,2-Dichloroethane	UG/L	0.6	5 U
1,1,1-Trichloroethane	UG/L	5	5 U
Carbon Tetrachloride	UG/L	5	5 U
Bromodichloromethane	UG/L	50	5 U
Bromochloromethane	UG/L	5	5 U
1,2-Dichloropropane	UG/L	1	5 U
1,3-Dichloropropene (cis)	UG/L	0.4	5 U
Trichloroethene	UG/L	5	13
Benzene	UG/L	1	5 U
Dibromochloromethane	UG/L	50	5 U
1,3-Dichloropropene (trans)	UG/L	0.4	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

Location ID	MW-20S		
Sample ID	WG-20S-050906		
Matrix	Groundwater		
Depth Interval			
Date Sample	d		05/09/06
Parameter	Units	*	
Volatile Organic Compounds			
1,1,2-Trichloroethane	UG/L	1	5 U
Bromoform	UG/L	50	5 U
4-Methyl-2-Pentanone	UG/L	•	5 U
2-Hexanone	UG/L	50	5 U
Tetrachloroethene	UG/L	5	39
1,1,2,2-Tetrachloroethane	UG/L	5	5 U
Toluene	UG/L	5	5 U
Chlorobenzene	UG/L	5	5 U
Ethylbenzene	UG/L	5	5 U
Styrene	UG/L	5	5 U
Xylene (total)	UG/L	5	5 U
1,2-Dichloroethene (cis)	UG/L	5	100
1,2-Dichloroethene (trans)	UG/L	5	5 U
1,2-Dichlorobenzene	UG/L	3	5 U
1,3-Dichlorobenzene	UG/L	3	5 U
1,4-Dichlorobenzene	UG/L	3	5 U
1,2,4-Trichlorobenzene	UG/L	5	5 U
1,2,4-Trimethylbenzene	UG/L	5	5 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U
1,3,5-Trimethylbenzene	UG/L	5	5 U
Vinyl Acetate	UG/L	50	5 U
Methyl tert-Butyl Ether	UG/L	10	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

Location ID	MW-20S		
Sample ID	WG-20S-050906		
Matrix	Groundwater		
Depth Interval		-	
Date Sample	đ		05/09/06
Parameter	Units		
Volatile Organic Compounds			
Ethylene Dibromide	UG/L	6.00E-04	5 U
Hexachlorobutadiene	UG/L	0.5	5 U
sopropylbenzene	UG/L	5	5 U
Trichlorofluoromethane	UG/L	5	5 U
Dichlorodifluoromethane	UG/L	5	5 U
1,2,3-Trichloropropane	UG/L	0.04	5 U
1,3-Dichloropropane	UG/L	5	5 U
2,2-Dichloropropane	UG/L	5	5 U
2-Chlorotoluene	UG/L	5	5 U
4-Chlorotoluene	UG/L	5	5 U
4-isopropyltoluene	UG/L	5	5 U
Bromobenzene	UG/L	5	5 U
Dibromomethane	UG/L	5	5 U
lodomethane	UG/L	5	5 U
Naphthalene	UG/L	10	5 U
n-Butylbenzene	UG/L	5	5 U
n-Propylbenzene	UG/L	5	5 U
sec-Butylbenzene	UG/L	5	5 U
tert-Butylbenzene	UG/L	5	5 U
1,1,1,2-Tetrachloroethane	UG/L	5	5 U
1,1-Dichloropropene	UG/L	5	5 U
1,2,3-Trichlorobenzene	UG/L	5	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

## TABLE 3 VALIDATED FIELD QC SAMPLE RESULTS NORTH FRANKLIN STREET SITE

Sample ID	Location ID	FIELDQC		
Depth Interval (ft)	Sample ID	TRIP BLANK		
Date Sampled   O5/10/06		Water Quality		
Parameter	Depth Interval	(ft)		-
Units   *	Date Sample	i		05/10/06
Chloromethane         UGAL         5         5 U           Bromomethane         UGAL         5         5 U           Vinyl Chloride         UGAL         2         5 U           Chloroethane         UGAL         5         5 U           Methylene Chloride         UGAL         5         2 J           Acetone         UGAL         50         5 UJ           Carbon Disulfide         UGAL         60         5 U           Carbon Disulfide         UGAL         5         5 U           1,1-Dichloroethane         UGAL         5         5 U           Methyl ethyl ketone (2-Butanone)         UGAL         5         5 U           Chloroform         UGAL         7         4 J           1,2-Dichloroethane         UGAL         7         4 J           1,2-Dichloroethane         UGAL         5         5 U           Bromodichloromethane         UGAL         5         5 U           Bromodichloromethane         UGAL         5         5 U           1,3-Dichloropropene (cis)         UGAL         5         5 U           Trichloroethane         UGAL         5         5 U           1,3-Dichloropropene (cis)         UGAL	Parameter	Units	•	Trip Blank (1-1)
UG/L   5   5   U	Volatile Organic Compounds			
UG/L   2   5 U		UG/L		
UG/L		UG/L	5	
Methylene Chloride	Vinyl Chloride	UG/L	2	5 U
UG/L   50   5 U	Chloroethane	UG/L	5	5 U
UG/L   Carbon Disulfide	Methylene Chloride	UG/L	5	2 J
UG/L   5	Acetone	UG/L	50	5 UJ
UG/L   5   5   U	Carbon Disulfide	UG/L	60	5 U
UG/L   50   5 U	1,1-Dichloroethene	UG/L	5	5 U
UG/L   7	1,1-Dichloroethane	UG/L	5	5 U
UG/L	Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U
UG/L   5   5 U	Chloroform	UG/L	7	4 J
UG/L   5 U   Stromodichloromethane   UG/L   5 U   Stromodichloromethane   UG/L   5 U   Stromochloromethane   UG/L   5 U   Stromochloromethane   UG/L   1 UG/L   5 U   Stromochloropropene (cis)   UG/L   0.4 UG/L   5 U   Stromochloropropene (cis)   UG/L   5 U   Stromochloromethane   UG/L   1 UG/L   5 U   Stromochloromethane   UG/L   Stromochlor	1,2-Dichloroethane	UG/L	0.6	5 U
UG/L   50   5 U	1,1,1-Trichloroethane	UG/L	5	5 U
UG/L   5   5 U	Carbon Tetrachloride	UG/L	5	5 U
UG/L   1   5 U     1,2-Dichloropropane	Bromodichloromethane	UG/L	50	5 U
UG/L	Bromochloromethane	UG/L	5	5 U
UG/L   5   5 U	1,2-Dichloropropane	UG/L	1	5 U
UG/L   1   5 U	1,3-Dichloropropene (cis)	UG/L	0.4	5 U
Dibromochloromethane  UG/L  50  5U  1.3-Dichloropropene (trans)	Trichloroethene	UG/L	5	5 U
UG/L UG/L 0.4 5.11	Benzene	UG/L	1	5 U
1,3-Dichloropropene (trans) UG/L 0.4 5 U	Dibromochloromethane	UG/L	50	5 U
	1,3-Dichloropropene (trans)	UG/L	0.4	5 U

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

## TABLE 3 VALIDATED FIELD QC SAMPLE RESULTS NORTH FRANKLIN STREET SITE

Location ID	FIELDQC					
Sample ID			TRIP BLANK Water Quality			
Matrix						
Depth Interval	(ft)					
Date Sample	d		05/10/06			
Parameter	Units	*	Trip Blank (1-1)			
Volatile Organic Compounds						
1,1,2-Trichloroethane	UG/L	1	5 U			
Bromoform	UG/L	50	5 U			
4-Methyl-2-Pentanone	UG/L	•	5 U			
2-Hexanone	UG/L	50	5 U			
Tetrachloroethene	UG/L	5	5 U			
1,1,2,2-Tetrachloroethane	UG/L	5	5 U			
Toluene	UG/L	5	5 U			
Chlorobenzene	UG/L	5	5 U			
Ethylbenzene	UG/L	5	5 U			
Styrene	UG/L	5	5 U			
Xylene (total)	UG/L	5	5 U			
1,2-Dichloroethene (cis)	UG/L	5	2 J			
1,2-Dichloroethene (trans)	UG/L	5	5 U			
1,2-Dichlorobenzene	UG/L	3	5 U			
1,3-Dichlorobenzene	UG/L	3	5 U			
1,4-Dichlorobenzene	UG/L	3	5 U			
1,2,4-Trichlorobenzene	UG/L	5	5 U			
1,2,4-Trimethylbenzene	UG/L	5	5 U			
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 U			
1,3,5-Trimethylbenzene	UG/L	5	5 U			
Vinyl Acetate	UG/L	50	5 U			
Methyl tert-Butyl Ether	UG/L	10	5 U			

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

## TABLE 3 VALIDATED FIELD QC SAMPLE RESULTS NORTH FRANKLIN STREET SITE

Sample ID	Location ID										
		TRIP BLANK									
Matrix			Water Quality								
Depth Interval	(ft)		•								
Date Sample	d		05/10/06								
Parameter	Units		Trip Blank (1-1)								
Volatile Organic Compounds											
Ethylene Dibromide	UG/L	6.00E-04	5 U								
Hexachlorobutadiene	UG/L	0.5	5 U								
Isopropylbenzene	UG/L	5	5 U								
Trichlorofluoromethane	UG/L	5	5 U								
Dichlorodifluoromethane	UG/L	5	5 U								
1,2,3-Trichloropropane	UG/L	0.04	5 U								
1,3-Dichloropropane	UG/L	5	5 U								
2,2-Dichloropropane	UG/L	5	5 U								
2-Chlorotoluene	UG/L	5	5 U								
4-Chlorotoluene	UG/L	5	5 U								
4-Isopropyltoluene	UG/L	5	5 U								
Bromobenzene	UG/L	5	5 U								
Dibromomethane	UG/L	5	5 U								
lodomethane	UG/L	5	5 U								
Naphthalene	UG/L	10	5 U								
n-Butylbenzene	UG/L	5	5 U								
n-Propylbenzene	UG/L	5	5 U								
sec-Butylbenzene	UG/L	5	5 U								
ert-Butylbenzene	UG/L	5	5 U								
1,1,1,2-Tetrachloroethane	UG/L	5	5 U								
1,1-Dichloropropene	UG/L	5	5 U								
1,2,3-Trichlorobenzene	UG/L	5	5 U								

<sup>\*-</sup> NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

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### **ATTACHMENT A**

### SUPPORT DOCUMENTATION

CHAIN OF CUSTODY RECORD								TESTS		URS						
PROJECT NO.  1117-12-11. 9999 8  NYSOGC N. FRANKLIN ST.  SAMPLERS (PRINT/SIGNATURE)  Kain J. Mc Goston / My White							Tel 1665				LAB MINION COOLER /		2		_	
Karin	J. M.	Govern	124	Mella			***************************************	OTTLE TY	PE AND I	PRESERVATIVE		of				
DELIVERY SE					1645671	TOTAL NO.# OF CONTAINERS	YOM ANGO				REMARKS	TYPE	EET)	-EET)	FIELD LOT NO.#	
LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL	40m					SAMPLE	BEGINNING DEPTH (IN F	ENDING DEPTH (IN	FIELD	
MW-126	5/9/06	10:50	GNAS	WG-125-05090E	WE	2	2					NI				
MW-885	i	11:45		MG-085-050906	1		1					1				
MW-195		13:07		WG-195.050906												
hw-01		14:10		WG-01-050906												
MW-205		15:03		WG-205-050906												
NW 04		15:50		WG-04-050906								11				
MW-165		16:50		WG-165-050906								1				
pew 075		17:27		WG-075-05090E												
MW-095	V	17:50	V	WG-095-050906	1	V	L					*				
MATRIX CODES	AA - AME SE - SED		WASTE	SL - SLUDGE WP - DRINKING WATER WW - WASTE WATER	WG - GROUND SO - SOIL DC - DRILL CUT		(	WL - LEACHATE SS - SOIL GAS WC - DRILLING N		WO - OCEAN WATER WS - SURFACE WATER WQ - WATER FIELD QC	LH - HAZARDOUS LIA			W TAB	LE	
SAMPLE TYPE CODES	TB# - TRIP BLANK RB# - RINSE BLANK N# - NORMAL ENVIRONMENTAL SAM									NUMBER (FROM 1 TO 9) TO	ACCOMMODATE MULTIPLE	SAMPLE	S IN A S	SINGLE	DAY)	
Mall 51			DAT 5/10/	6 160 Vericl			9:05	- Tracky (								
RELINQUISHI			DAT shipment,	E TIME RECEIVED  copy to coordinator field		BY (sid	GNATUR	E) DATE	TIME	17 GOODEN ST. BUTFAID, NY 1	TION		. 254	15		

(a) (a) (b)

URSF-075C/1 OF 1/CofCR/GCM

Shortempic

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PROJECT NO.  11174211. 99998  SITE NAME  MYS DE N. FRANKIN ST.											TESTS			URS									
								260 8							U.	7,	V						
								4 4			1-				LAB MITICOS	4			_				
		ATURE)	1-	/	74.  -			2 4 5							COOLER/_of2								
Kain	J. M	e Govern	1/4	Mh	->			E	OTTL	E TYP	E AND I	PRESER		PAGE Z of Z									
DELIVERY SERVICE: Foo Go AIRBILL NO.: Z						15671	1691 NO. # 0F AINERS		TOTAL NO. # OF		1671 NO.# OF WINERS		L Anson						REMARKS	E TYPE	BEGINNING DEPTH (IN FEET)	G (IN FEET)	FIELD LOT NO. #
LOCATION	DATE	TIME	COMP/ GRAB			MATRIX	TOTAL	YouL								SAMPLE	BEGIN	ENDING DEPTH (IN P	FIELD (ERPIN				
MW-03	5/10/06	08:35	Gras	WG-03	-051006	WG	2	2								N7							
DZOWM	1	09:40		WG-05D-051006		i	1	1								N7							
1		1		WG-050-US1996-MS												MSI							
6		1	4	WG-050-	051006-MSD											501							
				Trip	BIANIC	V.	•	L								TRI							
MATRIX CODES	AA - AME SE - SED		WASTE	SL - SLUDGE WP - DRINKIN WW - WASTE	IG WATER S	G - GROUN O - SOIL C - DRILL C			WL · LE/ GS · SOI WC · DR		ATER	WO - OCEAN WATER WS - SURFACE WATER WQ - WATER FIELD QC			LH - HAZARDOUS LIQUID WASTE LF - FLOATING/FREE PRODUCT ON GW TABLE								
SAMPLE TYPE CODE	TB# - TRI			RB# - RINSE FR# - FIELD I	BLANK N	# - NORMA S# - MATRI		IMENTAL	SAMPLE	(# - :	SEQUENTIAL	NUMBER (I	FROM 1 TO	9) TO A	CCOMMODATE MULTIPLE	SAMPLE	S IN A	SINGLE	DAY)				
RELINQUISHED BY (SIGNATURE)  DATE TIME RECEIVED BY (SIGNATURE)  Spinks 16:00				IATURE)				TIME	4	IAL INS		TIONS											
AELINQUISHED BY (SIGNATURE) DATE TIME RECEIVED FOR LAB BY				BY (S	GNATU	TURE) DA		TIME															
Distribution:	Original ac	companies	shipment	, copy to co	oordinator field t	files																	

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#### **SDG Narrative**

Mitkem Corporation submits the enclosed data package in response to URS Corporation's N. Franklin Street project. Under this deliverable, analysis results are presented for twelve aqueous samples that were received on May 11, 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 and replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample WG-05D. Spike recoveries were within the QC limits with the exception of vinyl chloride in the matrix spike duplicate. Replicate RPDs were within the QC limits with the exception of dichlorodifluoromethane. Spike recovery and replicate precision for cis-1,2-dichloroethane, trichloroethene and tetrachloroethene could not be accurately determined due to their high concentration in the native sample.

Sample analysis: due to the high concentration of target analytes, the following samples were re-analyzed at dilution: WG-03 (20x) and WG-05D (10x). 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

05/25/06

## VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Lab File ID: V2H4730 BFB Injection Date: 05/11/06

Instrument ID: V2 BFB Injection Time: 1034

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	19.6 52.9 100.0 6.7 0.1 ( 0.1)1 84.4 6.2 ( 7.4)1 81.2 ( 96.2)1 5.4 ( 6.7)2

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

SAMPLE NO.	LAB	LAB	DATE	TIME
	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01 VSTD0502B 02 VBLK2B 03 V2BLCS 04 WG-12S 05 WG-08S 06 WG-19S 07 WG-01 08 WG-20S 09 WG-04 10 WG-16S 11 WG-07S 12 WG-09S 13 WG-03 14 TB 15 WG-05D 16 WG-05DMS 17 18 19 20 21 22	VSTD0502B MB-23644 LCS-23644 E0610-01A E0610-02A E0610-03A E0610-05A E0610-06A E0610-07A E0610-08A E0610-09A E0610-10A E0610-11A E0610-11A	V2H4731 V2H4732 V2H4733 V2H4741 V2H4742 V2H4743 V2H4745 V2H4746 V2H4747 V2H4748 V2H4749 V2H4750 V2H4751 V2H4752 V2H4753	05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06 05/11/06	1100 1144 1246 1638 1706 1734 1802 1830 1857 1925 1953 2021 2049 2117 2145 2212

page 1 of 1

FORM V VOA

#### FORM 7 VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Instrument ID: V2 Calibration Date: 05/11/06 Time: 1100

Lab File ID: V2H4731 Init. Calib. Date(s): 05/09/06 05/09/06

Heated Purge: (Y/N) N Init. Calib. Times: 2037 2229

GC Column: DB-624 ID: 0.25 (mm)

			MIN		MAX
COMPOUND	RRF	RRF50	RRF	%D	%D
Dichlorodifluoromethane	0.364	0.275		======	====
Chloromethane	0.350	0.276			20.0
Vinyl Chloride	0.322	0.278	0.01		20.0
Bromomethane	0.265	0.240			
Chloroethane	0.167	0.162			
Trichlorofluoromethane	0.534	0.513	0.01	3.0	20.0
1,1-Dichloroethene	0.256				20.0
Acetone		0.236		1.8	20.0
Iodomethane	0.207	0.150			020.0
Carbon Disulfide	0.753	0.722		4.1	20.0
	1.029	0.846			
Methylene Chloride	0.293	0.270		7.8	20.0
trans-1,2-Dichloroethene	0.270	0.250			20.0
Methyl tert-butyl ether	0.976	0.962		1.4	
1,1-Dichloroethane	0.621	0.616			20.0
Vinyl acetate	1.274	1.238			
2-Butanone	0.227	0.199			
cis-1,2-Dichloroethene	0.330	0.315			
2,2-Dichloropropane	0.484	0.471	0.01	2.7	20.0
Bromochloromethane	0.211	0.207		1.9	20.0
Chloroform	0.665	0.626		5.9	20.0
1,1,1-Trichloroethane	0.529	0.521		1.5	20.0
1,1-Dichloropropene	0.151	0.147		2.6	20.0
Carbon Tetrachloride	0.475	0.477		0.4	20.0
1,2-Dichloroethane	0.565	0.566	0.01	0.2	20.0
Benzene	1.186	1.135	0.01	4.3	20.0
Trichloroethene	0.375	0.348			20.0
1,2-Dichloropropane	0.298	0.287	0.01	3.7	20.0
Dibromomethane	0.245	0.246		0.4	20.0
Bromodichloromethane	0.445	0.442	0.01		
cis-1,3-Dichloropropene	0.522	0.525			20.0
4-Methyl-2-pentanone	0.343	0.344			20.0
Toluene	1.116	1.070		4.1	20.0
trans-1,3-Dichloropropene	0.511	0.512	0.01	0.2	20.0
1,1,2-Trichloroethane	0.275	0.263			
1,3-Dichloropropane	0.717	0.693	0.01	3.3	20.0
Tetrachloroethene	0.386	0.330	0.01	14.5	20.0
2-Hexanone	0.377	0.345	0.01	8.5	

## ATTACHMENT B

## **VALIDATED FORM Is**

Lab Name: MITKEM COR	PORATION	Contract:	WG-01
Lab Code: MITKEM	Case No.:	SAS No.:	DG No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample I	D: E0610-04A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V2H4744
Level: (low/med)	LOW	Date Receive	d: 05/11/06
% Moisture: not dec.		Date Analyze	d: 05/11/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fac	tor: 1.0

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

CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L COMPOUND Q

75-71-8-----Dichlorodifluoromethane 5 U 74-87-3-----Chloromethane 5 U 75-01-4-----Vinyl Chloride 1 | 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 2 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 51 590-20-7-----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 9 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

John Wille

EPA SAMPLE NO.

WG-01		
SDG No.: ME0610		

Lab Name: MITKEM CORPORATION Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: E0610-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4744

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. Date Analyzed: 05/11/06

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

142-28-9----1,3-Dichloropropane 5 U 127-18-4----Tetrachloroethene 46 591-78-6----2-Hexanone 5 1 124-48-1-----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 U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3-----Naphthalene 5 U 87-61-6-----1,2,3-Trichlorobenzene 5 U

FORM I VOA

(uL)

Soil Extract Volume:

Soil Aliquot Volume:

WO	3-03	
AA	3 03	

(uL)

Lab Name: MITKEM COR	PORATION	Contract:	WG-03
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample ID:	E0610-10A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V2H4750
Level: (low/med)	LOW	Date Received:	05/11/06
% Moisture: not dec.		Date Analyzed:	05/11/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor	r. 1 0

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

75-71-8-----Dichlorodifluoromethane 5 U 74-87-3-----Chloromethane 5 U 75-01-4-----Vinyl Chloride 170210 ED 74-83-9-----Bromomethane 5 U 75-00-3-----Chloroethane 5 U 75-69-4-----Trichlorofluoromethane 5 U 75-35-4-----1,1-Dichloroethene 4 J 67-64-1-----Acetone U3 5 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 1634-04-4-----Methyl tert-butyl ether\_ 17 8 75-34-3----1,1-Dichloroethane 5 U 108-05-4-----Vinyl acetate 5 U 78-93-3----2-Butanone 156-59-2----cis-1, 2-Dichloroethene 1700 1600 E 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 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 120 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

FORM I VOA

OLMO3.0

EPA SAMPLE NO.

WG-03
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Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4750

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/11/06

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	110
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 5 U 5 U 5 U 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 5 U 5 U
120-82-1	1,2,4-Trichlorobenzene	
87-68-3	Hexachlorobutadiene	5 U
91-20-3	Naphthalene	5 U
87-61-6	1,2,3-Trichlorobenzene	5 U

FORM I VOA

WG-03DI Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610 Matrix: (soil/water) WATER Lab Sample ID: E0610-10ADL Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4775 Date Received: 05/11/06 Level: (low/med) LOW % Moisture: not dec. Date Analyzed: 05/12/06 ID: 0.25 (mm) GC Column: DB-624 Dilution Factor: 20.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS!

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 75-71-8-----Dichlorodifluoromethane 100 U 74-87-3-----Chloromethane 100 U 75-01-4-----Vinyl Chloride 170 D 74-83-9-----Bromomethane 100 U 75-00-3-----Chloroethane 100 U 75-69-4-----Trichlorofluoromethane 100 U 75-35-4----1,1-Dichloroethene 100 U 67-64-1-----Acetone 100 U 74-88-4-----Iodomethane 100 U 75-15-0-----Carbon Disulfide 100 U 75-09-2-----Methylene Chloride 100 U 156-60-5----trans-1,2-Dichloroethene 100 U 1634-04-4----Methyl tert-butyl ther 100 U 75-34-3-----1,1-Dichloroethane 100 U 108-05-4-----Vinyl acetate 100 U 78-93-3----2-Butanone 100 U 156-59-2----cis-1, 2-Dichloroethene 1700 D 590-20-7----2,2-Dichloropyopane 100 U 74-97-5----Bromochloromethane 100 U 67-66-3-----Chloroform 100 U 71-55-6----1,1,1-Trickloroethane 100 U 563-58-6-----1,1-Dichloropropene 100 U 56-23-5-----Carbon Tetrachloride 100 U 107-06-2----1,2-Dichloroethane 100 U 71-43-2-----Benzene 100 U 79-01-6-----Trichloroethene 94 DJ 78-87-5----1,2-Dichloropropane 100 U 74-95-3-----Dibromomethane 100 U 75-27-4-----Bromodichloromethane 100 U 10061-01-5----ci/s-1,3-Dichloropropene 100 U 108-10-1------4/-Methyl-2-pentanone 100 U 108-88-3----/Toluene 100 U 10061-02-6---/-trans-1,3-Dichloropropene 100 U 79-00-5-----/--1,1,2-Trichloroethane 100 U

FORM I VOA

Dry COLMO3.0

Case No.:

LOW

5.000 (q/mL) ML

ID: 0.25 (mm)

Contract:

SAS No.:

Lab Name: MITKEM CORPORATION

Matrix: (soil/water) WATER

Lab Code: MITKEM

Sample wt/vol:

Level: (low/med)

% Moisture: not dec.

GC Column: DB-624

	WG-03DL
.: SDC	S No.: ME0610
Lab Sample ID:	E0610-10ADL
Lab File ID:	V2H4775
Date Received:	05/11/06
Date Analyzed:	05/12/06
Dilution Facto	or: 20.0

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

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

FORM I VOA

WG-04

Lab	Name:	MITKEM	CORPORATION
			COLUMNIA TOTA

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME0610

Matrix: (soil/water) WATER

Lab Sample ID: E0610-06A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V2H4746

Level: (low/med) LOW

Date Received: 05/11/06

% Moisture: not dec.

Date Analyzed: 05/11/06

Soil Extract Volume: (uL)

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

CAS NO. COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5 U
74-87-3	Chloromethane	5 U
75-01-4	Vinyl Chloride	1 J
74-83-9	Bromomethane	5 U 5 U 5 U 5 U 5 U 5 U 5 U 5 U 5 U 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 0 5
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	11
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	17
590-20-7	2,2-Dichloropropane	5 U
74-97-5	Bromochloromethane	5 U 5 U 5 U 5 U 5 U 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	
71-43-2	Benzene	5 U
79-01-6	Trichloroethene	12
78-87-5	1,2-Dichloropropane	5 <del>U</del>
74-95-3	Dibromomethane	5 U 5 U 5 U 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
T08-88-3	Toluene	5 U
10061-02-6-	trans-1,3-Dichloropropene	5 U
/9-00-5	1,1,2-Trichloroethane	5 U

FORM I VOA

Lab Name: MITKEM CORPORATION

EPA SAMPLE NO.

WG-04	
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Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Contract:

Matrix: (soil/water) WATER Lab Sample ID: E0610-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4746

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. Date Analyzed: 05/11/06

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

142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	19	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
	Chlorobenzene	5 5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene		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		U
96-18-4	1,2,3-Trichloropropane	5 5	U .
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5 5 5 5 5 5 5 5 5 5 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		U
104-51-8	n-Butylbenzene	5 5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane		U
120-82-1	1,2,4-Trichlorobenzene	5 5 5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

FORM I VOA

WG-05D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4752

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_ Date Analyzed: 05/11/06

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
	Chloromethane	5 U
75-01-4	Vinyl Chloride	30
74-83-9	Bromomethane	5 <del>U</del>
	Chloroethane	· 5 U
75-69-4	Trichlorofluoromethane	
75-35-4	1,1-Dichloroethene	3 J
67-64-1	Acetone	3 3 5 5 5 5
	Iodomethane	5 U
75-15-0	Carbon Disulfide	5 U
75-09-2	Methylene Chloride	5 U 5 U
156-60-5	trans-1,2-Dichloroethene	5
1634-04-4	Methyl tert-butyl ether	9
75-34-3	1,1-Dichloroethane	5 U
	Vinyl acetate	5 U
	2-Butanone	5 U
156-59-2	cis-1,2-Dichloroethene	700-770 ED
590-20-7	2,2-Dichloropropane	5 U
	Bromochloromethane	5 U
67-66-3	Chloroform	5 U
71-55-6	1,1,1-Trichloroethane	5 U
	1,1-Dichloropropene	5 U
	Carbon Tetrachloride	5 U
	1,2-Dichloroethane	5 U
71-43-2		5 U
	Trichloroethene	620 730 ED
	1,2-Dichloropropane	5 U
	Dibromomethane	5 U
	Bromodichloromethane	5 0
	cis-1,3-Dichloropropene	5 U
	4-Methyl-2-pentanone	5 U
108-88-3		5 U
	trans-1,3-Dichloropropene	5 U
79-00-5	1,1,2-Trichloroethane	5 U

FORM I VOA

OLMO3.0

EPA SAMPLE NO.

WG-05D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4752

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. Date Analyzed: 05/11/06

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

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

142-28-9	1,3-Dichloropropane	5 U
127-18-4	Tetrachloroethene	1100 -1200 B. I
591-78-6		5 U
	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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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 5 U 5 U 5 U 5 U 5 U
98-06-6	tert-Butylbenzene	5 U
	1,2,4-Trimethylbenzene	5 U
	sec-Butylbenzene	5 U
99-87-6	4-Isopropyltoluene	5 U
	1,3-Dichlorobenzene	
106-46-7	1,4-Dichlorobenzene	5 U 5 U 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 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

FORM I VOA

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ab Name: MITKEM COF	RPORATION	Contract:	WG	-05DDL
ab Code: MITKEM	Case No.:	SAS No.: SDG	No. x	ME0610
atrix: (soil/water)	WATER	Lab Sample ID:		
ample wt/vol:	5.000 (g/mL) ML			
evel: (low/med)	LOW	Date Received:	05/1	1:/06
Moisture: not dec.		Date Analyzed:	05/1	2/06
C Column: DB-624	ID: 0.25 (mm)	Dilution Facto	r: 10	.0
oil Extract Volume:	(uL)	Soil Aliquot V	olume	:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 1330-20-7 98-82-8 98-82-8 108-86-1 96-18-4 95-49-8 108-67-8 106-43-4 98-06-6 95-63-6 135-98-8 95-63-6 135-98-8 99-87-6 106-46-7 104-51-8/ 95-50-1 96-12-8 120-82-1	Xylene (Total)_ Styrene	ethane and	50 1100 50 50 50 50 50 50 50 50 50 50 50 50 5	מממממממממממממממממממממממממ

FORM I VOA

WG-05DDL

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

SDG No.: ME0610

Matrix: (soil/water) WATER

Lab Sample ID: E0610-11ADL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V2H4776

Level: (low/med) LOW

Date Received: 05/11/06

% Moisture: not dec.

Date Analyzed: 05/12/06/

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume:

(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L/

			~
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	_
75-01-4	Vinyl Chloride	20	
74-83-9	Bromomethane	50	
75-00-3	Chloroethane	50	
75-69-4	Trichlorofluoromethane	50	
75-35-4	1,1-Dichloroethene	50	
67-64-1	Acetone	50	
74-88-4	Iodomethane	50	
75-15-0	Carbon Disulfide	50	U
75-09-2	Methylene Chloride /	50	U
156-60-5	trans-1,2-Dichloroethene	50	_
1634-04-4	Methyl tert-butyl/ether_	50	
75-34-3	1,1-Dichloroethame	50	
108-05-4	Vinyl acetate	50	_
78-93-3	2-Butanone	50	
156-59-2	cis-1,2-Dichloroethene	700	
590-20-7	2,2-Dichlorøpropane	50	
74-97-5	Bromochloromethane	50	
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	-
563-58-6	1,1-Dichloropropene	50	_
56-23-5	Carbon Tetrachloride	50	U
107-06-2	1,2-Dichloroethane	50	U
71-43-2	Benzene	50	-
79-01-6	Trichloroethene	620	
78-87-5	1/2-Dichloropropane	50	U
74-95-3	Dibromomethane	50	II
75-27-4	Bromodichloromethane	50	-
10061-01-5		50	U
108-10-1	/4-Methyl-2-pentanone	50	U
108-88-3	-/Toluene	50	-
	trans-1,3-Dichloropropene	50	U
79-00-5/	1,1,2-Trichloroethane	50	U
		30	3
1			-

FORM I VOA

WG-07S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4748

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/11/06

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

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

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CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 75-71-8-----Dichlorodifluoromethane 5 U 74-87-3-----Chloromethane 5 U 75-01-4-----Vinyl Chloride J 3 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 UJ 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 2 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 100 590-20-7----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 12 78-87-5----1,2-Dichloropropane Ū 5 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

FORM I VOA

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EPA SAMPLE NO.

WG-07S	
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Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4748

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/11/06

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

142-28-91,3-Dichloropropane	5 U
127-18-4Tetrachloroethene	38
591-78-62-Hexanone	5 U
124-48-1Dibromochloromethane	5 U
L06-93-41,2-Dibromoethane	5 U
108-90-7Chlorobenzene	5 U
30-20-61,1,1,2-Tetrachloroethane	5 U
100-41-4Ethylbenzene	5 U
m, p-Xylene	5 U 5 U
95-47-6o-Xylene	5 U
1330-20-7Xylene (Total)	5 U
100-42-5Styrene	5 U
75-25-2Bromoform	5 U 5 U 5 U 5 U 5 U
8-82-8Isopropylbenzene	5 U
79-34-51,1,2,2-Tetrachloroethane	5 U
108-86-1Bromobenzene	5 U
96-18-41,2,3-Trichloropropane	5 U
-03-65-1n-Propylbenzene	5 U
95-49-82-Chlorotoluene	5 U
.08-67-81,3,5-Trimethylbenzene	5 U
-06-43-44-Chlorotoluene	5 U
08-06-6tert-Butylbenzene	5 U
95-63-61,2,4-Trimethylbenzene	5 U
35-98-8sec-Butylbenzene	5 U
9-87-64-Isopropyltoluene	5 U
41-73-11,3-Dichlorobenzene	5 U
.06-46-71,4-Dichlorobenzene	5 U 5 U
.04-51-8n-Butylbenzene	5 U
5-50-11,2-Dichlorobenzene	5 U 5 U
6-12-81, 2-Dibromo-3-chloropropane	5 U
.20-82-11,2,4-Trichlorobenzene	5 U 5 U
7-68-3Hexachlorobutadiene	5 U
1-20-3Naphthalene	5 U
7-61-61,2,3-Trichlorobenzene	5 U

FORM I VOA

Lab Name: MITKEM COR	PORATION	Contract:	WG-08S
Lab Code: MITKEM	Case No.:	SAS No.:	EDG No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample ]	D: E0610-02A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V2H4742
Level: (low/med)	LOW	Date Receive	ed: 05/11/06
% Moisture: not dec.		Date Analyze	ed: 05/11/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fac	tor: 1.0

Soil Extract Volume: Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

75-71-8-----Dichlorodifluoromethane 5 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 UJ 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 6 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

FORM I VOA

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WG-08S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4742

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/11/06

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

142-28-9	1,3-Dichloropropane_	5	U
127-18-4	Tetrachloroethene	5 5 5 5	U
591-78-6	2-Hexanone	5	II
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	111
108-90-7	Chlorobenzene	5	III
630-20-6	1,1,1,2-Tetrachloroethane	5	II
100-41-4	Ethylbenzene	18	
	m,p-Xylene	45	-
95-47-6	o-Xylene	2	T
1330-20-7	Xvlene (Total)	46	
100-42-5	Styrene		U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	5	II
108-86-1	Bromobenzene	3 5 5 5 2 5	11
96-18-4	1,2,3-Trichloropropane	5	II
103-65-1	n-Propylbenzene	2	J
95-49-8	2-Chlorotoluene	5	П
108-67-8	1,3,5-Trimethylbenzene	38	
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	II
95-63-6	1,2,4-Trimethylbenzene	57	
135-98-8	sec-Butvlbenzene	5	U
99-87-6	4-Isopropyltoluene	1	J
541-73-1	1,3-Dichlorobenzene	5	II
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-chloropropage	5	II
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	П
91-20-3	Naphthalene	14	
87-61-6	1,2,3-Trichlorobenzene	5	TT

FORM I VOA

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WG-09S

DED Name: MITKEN COR	PORATION	Contract:	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample	ID: E0610-09A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID	V2H4749
Level: (low/med)	LOW	Date Receive	ed: 05/11/06
% Moisture: not dec.		Date Analyza	ed. 05/11/06

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

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 05 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 5 U 74-97-5----Bromochloromethane U 67-66-3-----Chloroform 5 U 71-55-6----1,1,1-Trichloroethane U 563-58-6----1,1-Dichloropropene 5 U 56-23-5-----Carbon Tetrachloride 5 U 107-06-2----1,2-Dichloroethane 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

FORM I VOA

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EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	WG-09S
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample ID:	E0610-09A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V2H4749
Level: (low/med)	LOW	Date Received:	05/11/06
% Moisture: not dec.		Date Analyzed:	05/11/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor	r: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot Vo	olume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

		3,,-	~
142-28-9	1,3-Dichloropropane	5	П
127-18-4	Tetrachloroethene	5	
591-78-6	2-Hexanone	5	II
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	ū
	m,p-Xylene	5	U
95-47-6	o-Xylene_	5	Ū
1330-20-7	Xylene (Total)	5	ū
100-42-5	Styrene	5	U
75-25-2	Bromoform	2	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 Triablemehanne	5	U
27_62_7_	1,2,4-Trichlorobenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	U
07-00-3	Hexachlorobutadiene	5	U
07 61 6	Naphthalene	5	
00T-0	1,2,3-Trichlorobenzene	5	U

FORM I VOA

EPA SAMPLE NO.

WG-12S

Lab Name: MITKEM CORPORATION Contract:

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Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4741

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_ Date Analyzed: 05/11/06

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 O

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 83 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

FORM I VOA

Surgery Service

EPA SAMPLE NO.

WG-12S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4741

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/11/06

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

142-28-9	1,3-Dichloropropane	5 1
127-18-4	Tetrachloroethene	5 1
591-78-6	2-Hexanone	5 1
124-48-1	Dibromochloromethane	5 t 5 t 5 t
106-93-4	1,2-Dibromoethane	5 1
108-90-7	Chlorobenzene	5 1
630-20-6	1,1,1,2-Tetrachloroethane	5 1
100-41-4	Ethylbenzene	5 7
	m,p-Xylene	5 7
95-47-6	o-Xylene	5 7
1330-20-7	Xylene (Total)	5 1
100-42-5	Styrene	51
75-25-2	Bromoform	5 1
98-82-8	Isopropylbenzene	5 T 5 T 5 T 5 T 5 T
79-34-5	1.1.2.2-Tetrachloroethane	5 1
108-86-1	Bromobenzene	5 1
96-18-4	1,2,3-Trichloropropane	5 1
103-65-1	n-Propylbenzene	
95-49-8	2-Chlorotoluene	5 T 5 T 5 T 5 T
108-67-8	1.3.5-Trimethylbenzene	5 7
106-43-4	1-Chlorotoluene	5 1
98-06-6	tert-Butylbenzene	5 0
95-63-6	1,2,4-Trimethylbenzene	5 7
135-98-8	sec-Butvlbenzene	5 1
99-87-6	-Isopropyltoluene	5 0
541-73-1	1,3-Dichlorobenzene	5 0
106-46-7	L,4-Dichlorobenzene	5 0
104-51-8	n-Butylbenzene	5 0
95-50-1	1,2-Dichlorobenzene	5 0
96-12-8	1.2-Dibromo-3-chloropropane	5 0
L20-82-1:	1,2,4-Trichlorobenzene	5 0
37-68-3	lexachlorobutadiene	5 0
91-20-3	Naphthalene	5 0
37-61-6	,2,3-Trichlorobenzene	5 0

FORM I VOA

WG-16S SDG No.: ME0610

Matrix: (soil/water) WATER

Lab Sample ID: E0610-07A

SAS No.:

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V2H4747

Level: (low/med) LOW

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

Date Received: 05/11/06

% Moisture: not dec.

Date Analyzed: 05/11/06

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 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	05
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
/5-34-3	1.1-Dichloroethane	5	U
L08-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2.2-Dichloropropage	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
063-58-6	1.1-Dichloropropene	5	U
6-23-5	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
L08-10-1	4-Methyl-2-pentanone	5	U
L08-88-3	Toluene	5	U
L0061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

FORM I VOA

WG-16S Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610 Matrix: (soil/water) WATER Lab Sample ID: E0610-07A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4747 Level: (low/med) LOW Date Received: 05/11/06 % Moisture: not dec. \_ Date Analyzed: 05/11/06 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

142 22 2			
127 10 4	1,3-Dichloropropane	5	U
T2/-18-4	Tetrachloroethene	5	
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 5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5 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
19-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
T03-65-T	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	III
108-67-8	1.3.5-Trimethylbenzene	5	U
100-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butvlbenzene	5	U
95-63-6	1.2.4-Trimethylbenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	II
135-98-8	sec-Butylbenzene	5	II
99-87-6	4-Isopropyltoluene	5	II
541-73-1	1,3-Dichlorobenzene	5 5 5 5 5	U
106-46-7	1.4-Dichlorobenzene	5	U
L04-51-8	n-Butvlbenzene	5	II
95-50-1	1.2-Dichlorobenzene	5	U
96-12-8	1.2-Dibromo-3-chloropropage	5	U
LZU-8Z-I	1.2.4-Trichlorobenzene	5	U
37-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	Ū
37-61-6	1,2,3-Trichlorobenzene	5	

Lab Name: MITKEM COR	PORATION	Contract:	WG-19S	
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: ME0610	
Matrix: (soil/water)	WATER	Lab Sample ID:	E0610-03A	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V2H4743	
Level: (low/med)	LOW	Date Received:	05/11/06	
% Moisture: not dec.		Date Analyzed:	05/11/06	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor	r: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	olume: (u)	L)

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5 U
74-87-3	Chloromethane	
75-01-4	Vinyl Chloride	5 0
74-83-9	Bromomethane	5 0
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 0 3
74-88-4	Iodomethane	5 11
75-15-0	Carbon Disulfide	5 111
75-09-2	Methylene Chloride	5 U 5 U 5 U 5 U 5 U
156-60-5	trans-1.2-Dichloroethene	_ 5 U
1634-04-4	Methyl tert-butyl ether	5 U
/5-34-3	1.1-Dichloroethane	5 U
108-05-4	Vinvl 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	
57-66-3	Chloroform	5 U 5 U 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
L07-06-2	1,2-Dichloroethane	5 U
71-43-2	Benzene	5 U
79-01-6	Trichloroethene	5 U
78-87-5	1,2-Dichloropropane	5 0
74-95-3	Dibromomethane	
75-27-4	Bromodichloromethane	5 U
L0061-01-5	cis-1.3-Dichloropropene	5 0
L08-10-1	4-Methyl-2-pentanone	5 U
L08-88-3	Toluene	5 0
10061-02-6	trans-1,3-Dichloropropene	5 0
79-00-5	1,1,2-Trichloroethane	5 0

FORM I VOA

OLMO3.0

EPA SAMPLE NO.

	WG-19S	
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Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0610

Matrix: (soil/water) WATER Lab Sample ID: E0610-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4743

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. \_\_\_\_ Date Analyzed: 05/11/06

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

142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	6555555555555555555	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane Chlorobenzene	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 5 5 5 5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butvlbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
L06-46-7	1,4-Dichlorobenzene	5	U
L04-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
L20-82-1	1,2,4-Trichlorobenzene	5	U
37-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

FORM I VOA

Soil Extract Volume: (uL)

EPA SAMPLE NO.

Soil Aliquot Volume:

WC-209

Lab Name: MITKEM COR	PORATION Co	ontract:	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample	ID: E0610-05A
Sample wt/vol:	5.000 (g/mL) ML	Lab File II	D: V2H4745
Level: (low/med)	LOW	Date Receiv	ved: 05/11/06
% Moisture: not dec.		Date Analy:	zed: 05/11/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fa	actor: 1.0

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kq) UG/L

75-71-8-----Dichlorodifluoromethane 5 U 74-87-3-----Chloromethane 5 U 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 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 100 590-20-7----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 13 78-87-5----1,2-Dichloropropane Ū 5 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

FORM I VOA

OLMO3.0

Lab Name: MITKEM CORPORATION

WG-20S

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: ME0610

Contract:

Matrix: (soil/water) WATER Lab Sample ID: E0610-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2H4745

Level: (low/med) LOW Date Received: 05/11/06

% Moisture: not dec. Date Analyzed: 05/11/06

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

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

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

142-28-9-----1,3-Dichloropropane 5 U 127-18-4-----Tetrachloroethene 39 591-78-6----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 5 U ----m,p-Xylene U 95-47-6----o-Xylene 5 U 1330-20-7-----Xylene (Total) 5 U 100-42-5----Styrene 5 5 U 75-25-2-----Bromoform U 98-82-8-----Isopropylbenzene 5 5 U 79-34-5----1,1,2,2-Tetrachloroethane U 108-86-1----Bromobenzene 5 U 96-18-4----1,2,3-Trichloropropane 5 U 103-65-1----n-Propylbenzene 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

FORM I VOA

OLMO3.0

COMPOUND

CAS NO.

Lab Name: MITKEM CORP	ORATION C	ontract:	TB	
Lab Code: MITKEM C	ase No.:	SAS No.: SD	G No.: ME0610	
Matrix: (soil/water)	WATER	Lab Sample ID	: E0610-12A	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V2H4751	
Level: (low/med)	LOW	Date Received	: 05/11/06	
% Moisture: not dec.		Date Analyzed	: 05/11/06	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fact	or: 1.0	
Soil Extract Volume:_	(uL)	Soil Aliquot	Volume:	(uL

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L 0 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-3 74-88-4-----Iodomethane 5 U 75-15-0-----Carbon Disulfide 5 U 75-09-2----Methylene Chloride 2 J 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 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 4 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

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EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:
Lab Code: MITKEM	Case No.:	SAS No.: SDG No.: ME0610
Matrix: (soil/water)	WATER	Lab Sample ID: E0610-12A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID: V2H4751
Level: (low/med)	LOW	Date Received: 05/11/06
% Moisture: not dec.		Date Analyzed: 05/11/06
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 0

142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5 5 5	U
591-78-6		5	U
124-48-1	Dibromochloromethane	. 5	U
106-93-4	1, 2-Dibromoethane	5	U
	Chlorobenzene	5	U
530-20-6	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
L330-20-7	Xylene (Total)	5	U
L00-42-5	Styrene	5	U
75-25-2	Bromoform	5	II
98-82-8	Isopropylbenzene	5	II
79-34-5	1,1,2,2-Tetrachloroethane	5	U
L08-86-1	Bromobenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11
96-18-4	-1,2,3-Trichloropropane	5	U
L03-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	n
L08-67-8	1,3,5-Trimethylbenzene	5	II
L06-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	II
95-63-6	-1,2,4-Trimethylbenzene	5	U
L35-98-8	sec-Butylbenzene	5	U
99-87-6	-4-Isopropyltoluene	5	U
41-73-1	1.3-Dichlorobenzene	5	II
.06-46-7	-1,4-Dichlorobenzene	5	II
.04-51-8	n-Butylbenzene	5	II
5-50-1	1,2-Dichlorobenzene 1,2-Dibromo-3-chloropropane	5	U
6-12-8	-1,2-Dibromo-3-chloropropane	5	П
120-82-1	-1,2,4-Trichlorobenzene	5	II
37-68-3	Hexachlorobutadiene	5	II
91-20-3	Naphthalene	5	II
37-61-6	-1,2,3-Trichlorobenzene	5	II

FORM I VOA

# APPENDIX C IDW MANIFESTS

## NYG 4019112

STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MÂTERIALS



Plec

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

TRANSPORTER

FACILITY

GENERATOR

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