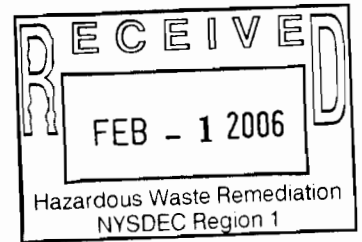




CA RICH
ENVIRONMENTAL SPECIALISTS



Annual Groundwater and Indoor Air Monitoring Report for December 2005

**Citizen Development Company / Flower Fashion Site
47 Northern Boulevard
Great Neck, New York**

NYSDEC Site # 1-30-070

January 2006

Prepared for:

**Citizen Development Company
111-15 Queens Blvd., P.O. Box 10
Forest Hills, NY 11375**

Prepared by:

**CA Rich Consultants, Inc.
17 Dupont Street
Plainview, NY 11803**



e-mail: eweinstock@carichinc.com

January 23, 2006

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Building 40, SUNY
Stony Brook, New York 11794

Attention: Mr. Jamie Ascher

**Re: Annual Report
December 2005 Groundwater & Indoor Air Sample Results
The Citizens Development Company / Flower Fashion Site
47 Northern Blvd., Great Neck, New York**

Dear Mr. Ascher:

Attached is a copy of the Annual Groundwater and Indoor Air Monitoring Report for the above-referenced Site. This Report also documents the installation of two additional intermediate depth monitoring wells installed as part of the requirements for Operable Unit 2 (OU-2) of the Site. The results of the multi-depth monitoring wells at location MW-4 conclude the groundwater remediation requirements in accordance with OU-2.

The findings presented in this Report indicate that the remedial activities completed have significantly reduced the concentrations of PCE in the groundwater, soil vapor and indoor air, specifically at monitoring well location MW-4 and in the basements of the adjacent buildings. We believe that operation of the SVE system will continue to remediate residual PCE vapors in the subsurface soil behind the Site building and will maintain the levels of PCE in the indoor air below applicable action criteria.

We recommend that a Preliminary Remedial Action Plan (PRAP) and a Record of Decision (ROD) be developed that summarizes the completion of the OU-2 portion of this project. The following post-remediation activities are also recommended.

- An additional application of permanganate to the existing groundwater injection points;
- Continued operation of the interior sub-slab depressurization (SSD) system;
- Continued operation and monitoring of the exterior soil vapor extraction (SVE) system until termination criteria for the SVE system are achieved. At that time, the SVE system should be converted into a SSD system by replacing the large blower with a smaller fan;
- Annual monitoring of groundwater wells MW-1A, 1C, 2, 3, 4, 4(75), 4(90) and 4D until groundwater standards are achieved or the NYSDEC indicates monitoring is no longer required; and
- Annual monitoring of indoor air locations PDM-1 through 6 during winter conditions for as long as the soil vapor extraction and sub-slab depressurization systems are in operation or the NYSDEC indicates monitoring is no longer required.

If there are any questions regarding this Report, please do not hesitate to call our office.

Sincerely,

CA RICH CONSULTANTS, INC.



Eric A. Weinstock
Vice President

EAW/sm

cc: Rosalie K. Rusinko, Esq.,
Miriam Villani, Esq.
Sal Panico
Jacqueline Nealon

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Annual Groundwater and Indoor Air Monitoring Report - December 2005

**Citizen Development Company – Flower Fashion Site
47 Northern Boulevard
Great Neck, New York**

NYSDEC Site # 1-30-070

1.0 INTRODUCTION

The following Annual Groundwater and Indoor Air Monitoring Report has been prepared by CA RICH Consultants, Inc. ("CA RICH") on behalf of the Citizen Development Company ("CDC") for the former Flower Fashion Site. The current tenant is a "Cingular" cellular telephone store. Previous tenants were: an AT&T store, a florist and a dry cleaner. This Report is prepared in accordance with our April 17, 2003 Supplemental Investigation Work Plan (Ref. 1) and our November 3, 2005 Monitoring Well Installation Work Plan (Ref. 6) for this Site. For the purposes of this document, the contaminant of concern is tetrachloroethene ("PCE"). Additional details regarding the history of the Site are documented in the Work Plan.

2.0 PREVIOUS "IRM" ACTIVITIES

During the Fall/Winter of 2004 and Spring 2005, IRM activities that were completed at the Site included the removal of PCE contaminated soil from the rear area of the Site, a series of shallow and deep sodium permanganate injections and the installation of a soil vapor extraction ("SVE") system. A detailed description of the IRM activities is presented in the Interim Remedial Measures Report – Part A (Ref. 2) and Interim Remedial Measures Report – Part B (Ref. 3). The following is a brief summary of the IRM activities.

2.1 Soil Removal

During August 2004, the pavement covering the eastern half of the rear yard was removed and approximately 77 tons of PCE contaminated soil was excavated from the rear of the Site. The soil was temporarily staged on plastic sheeting in the parking lot behind the Site and then transported as a hazardous waste to Stablex in Quebec, Canada.

During the excavation activity, a series of former subsurface asphalt layers were encountered. The shallowest of these layers was encountered at approximately $\frac{3}{4}$ of a foot below grade. A second layer was encountered at approximately 2 feet below grade. The soils exhibiting the highest laboratory VOC readings and PCE odors were encountered above this 2-foot deep asphalt layer and were removed during the excavation. A third asphalt layer was encountered at a depth of approximately 5 feet below grade.

2.2 Sodium Permanganate Injections

The application of permanganate directly to subsurface soils and groundwater has been proven to be successful for the remediation of PCE. On October 13 and 14, a total of 27 permanganate injection points were installed throughout the rear area of the Site and consisted of both shallow points, between two to five feet below grade, and deep injection points set at 7 to 12 feet below grade. One deeper groundwater injection point, screened from 35 to 45 feet, was also installed.

Bulk sodium permanganate was purchased in 55-gallon drums and at a concentration of 40% from the Carus Chemical Company. Using the mixing tank, 50-gallon doses of 5% sodium permanganate were prepared and the solution was applied from the mixing tank to the groups of injection points and allowed to saturate the subsurface soils. This process was performed on a daily basis from October 21 to November 5, 2004 with a total of 1,390 gallons of permanganate injected.

After the permanganate solution was applied to the injection points, valves on the mixing tank were adjusted to allow the water pumped from well MW-4 to flow directly to the header lines of the injection points. Once the permanganate solution percolated downward and reached the water table, it flowed with the underlying groundwater toward well MW-4. Well MW-4 was used to pump the underlying groundwater, capture the injected solution and discharge it to the mixing tank for re-circulation through the injection points.

To enhance the remediation of the underlying groundwater additional permanganate was injected in 10 gallon doses directly into a deeper groundwater injection point. These injections were applied every 2 weeks beginning on December 16, 2004 and ending on May 26, 2005. On April 12, 2005 the recirculated groundwater from well MW-4 was discolored pink-purple indicating that the permanganate had reached well MW-4.

2.3 Soil Vapor Extraction (SVE) System

The SVE system designed for this Site includes three shallow horizontal SVE pipes installed in the backfilled excavation area described in the IRM Part A report (Ref. 2). In addition to this, five of the vertical permanganate injection points were converted in SVE points. A general description of the SVE well construction is presented below.

Horizontal SVE Wells – Three horizontal wells constructed of 2-inch diameter PVC pipe were installed in the backfilled material placed in the rear yard at a depth of approximately 1 foot below grade. Each horizontal well contains 10 feet of 0.020-inch slotted (20 slot) PVC well screens.

Vertical SVE Wells – Five of the deep permanganate injection points were converted to vertical SVE wells. These each consist of 1-inch diameter PVC pipe set to a depth of 12 feet below grade. The bottom 5 feet of these include 0.020-inch slotted (20 slot) PVC well screens.

Each of the SVE wells was completed at grade with a regulating valve arranged such that each SVE screened section can be operated independently. The wells were connected to a 2-inch diameter PVC header line that was extended to a shed behind the Site building. The soil vapor is extracted using a Fuji Model VFC600A, 4½-horsepower blower located in the equipment shed. The soil vapor passes through a moisture knock-out drum, into the blower and flows through a series of 2 vapor-phase 150-pound carbon units. The system is currently operating at a flow rate of 160 cfm and a vacuum of 30 inches of water.

The operation of the SVE system includes the collection of soil vapor samples at system start-up and again during scheduled site visits. The initial concentration of PCE at system start-up (Jan. 31, 2005) was 540,000 ug/m³. On the December 13, 2005, the concentration decreased to 23,000 ug/m³. All of the SVE soil vapor analyses are summarized on Table 18 of this Report and the most recent laboratory data is attached as Appendix C.

3.0 INSTALLATION OF ADDITIONAL INTERMEDIATE DEPTH MONITORING WELLS

Two intermediate depth monitoring wells were installed at the site to obtain a vertical profile of groundwater quality needed to support a ROD for OU-2. On November 11, 2005, a soil boring was drilled to a depth of 92 feet adjacent to existing wells MW-4 and 4D using a hollow stem auger drill rig. Soil samples were collected at 10 foot intervals and a geologic log was compiled. The log for this boring, designated as MW-4 (75 & 90), is included in Appendix D of this Report. The strata below the site consisted of predominantly Upper Glacial sand and gravel with the exception of a 4-inch thick silty clay layer at 50 feet below grade.

The boring was completed as a clustered monitoring well on the same day. Two separate 2-inch diameter PVC monitoring wells were installed in the boring with screened sections at 65 to 75 feet and 80 to 90 feet below grade. A bentonite seal was placed as a seal between the well screens. The wells were developed on November 17, 2005 using a submersible pump. Construction details for these wells are included in Appendix D.

4.0 SAMPLING PROCEDURES

4.1 Groundwater

During the course of the environmental work conducted at this Site, numerous wells were installed at different points in time. This report presents the results of groundwater samples collected from the network of monitoring wells situated at locations both on-site and off-site. Shallow groundwater flow has been documented to flow in a north-northwest direction beneath the Site. A Site Plan illustrating the existing monitoring well network is presented in Figure 1.

The December 2005 sampling round included two existing upgradient wells (MW-1A and 1C) the existing wells directly downgradient of the Site (MW-2, 3, 4, 4D) and the two newly installed vertical profile wells (MW-4 (75) & (90)).

4.1.1 Groundwater Sampling Procedures and Analysis

The network of monitoring wells included in this Annual Monitoring Report were sampled on December 6, 2005. The following outline summarizes the groundwater sample collection procedure and analysis:

- Prior to collection of any groundwater sample, depth to water measurements were obtained from each respective well.
- Each monitoring well was then purged of a minimum of three well volumes using a properly decontaminated low-flow Grundfos® Redi-Flo2 submersible pump and dedicated polyethylene tubing.
- Upon purging each well, the groundwater sample was collected directly into laboratory issued containers from the pump discharge. Sample containers were labeled to identify client name, monitoring well designation, time and date, and the required analysis. Upon sample collection, measurements of temperature, pH, specific conductance and dissolved oxygen were also taken.
- All samples were placed on ice in a cooler and maintained under strict chain-of-custody control documentation.

- The submersible pump was cleaned using an Alconox® detergent solution followed by two freshwater rinses between well sampling. Disposable latex gloves were worn during sample collection and handling.
- All groundwater samples, including the required QA/QC samples, were delivered under chain-of-custody control overnight to NYS-certified Accutest Laboratories and analyzed for volatile organic compounds (EPA Method 8260) in accordance with NYSDEC ASP Category B deliverable. A copy of the laboratory package and results is included in Appendix A.

4.2 Indoor Air

Using 3M badges, indoor air samples are collected at the following locations.

CDC/FF Site (Cingular Store) 47 Northern Blvd.	Ground Floor and Basement (Sample ID: PDM-1 and PDM-2)
Health Nut Store 45 Northern Blvd.	Ground Floor (there is no basement) (Sample ID: PDM-3)
Cambridge Educational Center 55 Northern Blvd.	Basement (waiting room and NW Test Center) (Sample ID: PDM-4 and PDM-5)
One Outdoor Ambient Air	Behind Site Building (Sample ID: PDM-6)

New 3M badges were brought out to the Site and exposed for a period of approximately 24-hours. The badges were then sealed and the time they were exposed was recorded. They were forwarded to ELAP-approved Galson Laboratories for the analysis of PCE. The historical results of the testing program are presented on Table 17. A copy of the laboratory package and results are included in Appendix B.

5.0 SUMMARY OF RESULTS

The historical groundwater sample results for all of the monitoring wells are summarized on Tables 1 through 16. The reported concentrations of PCE detected in each well are tabulated and plotted versus time. The PCE concentrations detected in the groundwater for this round of sampling are indicated in Figure 1.

5.1 Groundwater

5.1.1 On-Site Wells (Upgradient)

Monitoring wells MW-1A, 1B, 1C and 1D monitor the quality of groundwater migrating onto the Site. This round included collecting groundwater samples from MW-1A and 1C. PCE was detected at 4.0 ppb at MW-1A and 1.2 ppb at MW-1C. This indicates that there is a continuing low-level source of PCE in the shallow groundwater upgradient of the Site migrating onto the property.

5.1.2 Off-Site Shallow Wells (Downgradient)

Monitoring wells designated MW-2, 3 and, 4 are located directly downgradient of the historical source area of PCE at the Site. The reported concentrations of PCE in these shallow wells ranged from 9.3 to 45.4 ppb.

Wells MW-5, 6, 7, 8 and 10 are located further downgradient of the Site and were not required in this round of sampling. Historically, these wells have not displayed elevated levels of PCE. During the June 2005 round of sampling, the concentration of PCE in these wells ranged from 1.5 to 12.8 ppb.

5.1.3 Off-Site Vertical Profile Wells

In accordance with the November 3, 2005 Monitoring Well Installation Work Plan, the multi-depth well cluster at location MW-4 was sampled. As illustrated on Figure 3, this included screened sections at 40 to 50; 65 to 75; 80 to 90; and 136 to 146 feet below grade. The only PCE detection that exceeded groundwater standards at the multi-depth cluster was the shallow, 40 to 50 foot zone. PCE was detected at 45.4 ppb in this well, which is considerably lower than 500 to 1,800 ppb concentrations measured during the 1990's and early 2000's. The remaining samples revealed concentrations of less than 1 ppb or no detections indicating that vertical migration of PCE is not a concern at this site. PCE was not detected in the deep well MW-47A during the June 2005 round of sampling. Sampling of well MW-47A was not required during this round.

5.2 Indoor Air

As presented on Table 17, PCE was measured at all of the monitoring locations at concentrations between less than .5 and 6.2 ug/m³. These concentrations are all within the range of background for NYS; below the NYSDOH's action guideline of 100 ug/m³; and display a general pattern of decreasing concentrations over time. Background levels for PCE in NYS are 1 to 10 ug/m³. A level of less than .5 ug/m³ was measured in the outdoor sample used to monitor ambient air quality at the Site.

6.0 CONCLUSIONS

6.1 Groundwater

Based on the results of this recent December 2005 sampling event, there continues to be low, but detectable levels of PCE migrating onto the Site. PCE detected in the wells immediately downgradient of the Site also continue to contain low levels of PCE and at concentrations that are generally lower than what was reported in the past. Monitoring well MW-4, which has historically contained concentrations of PCE in the 500 to 1,800 ppb range, contained PCE at a concentration of 45.4 ppb. This decrease indicates that the recent remedial activities have been successful in the removal of PCE that has impacted shallow groundwater at the Site. Vertical profiling of groundwater quality at the MW-4 location revealed concentrations of less than 1 ppb or no detections indicating that vertical migration of PCE is not a concern at this Site.

The monitoring wells located further off-site contained PCE at concentrations between 1.5 and 12.8 ppb during the June 2005 sampling event, which are similar to the historical levels detected at these locations.

6.2 Indoor Air

The PCE concentrations in the indoor air samples were all within the range of background for NYS; below the NYSDOH's action guideline of 100 ug/m³; and display a general pattern of decreasing concentrations over time. This recent sampling event reported the lowest concentrations of PCE when compared to historical measurements, again indicating that the recent remedial activities have reduced the concentrations of PCE present in the soil gas and potentially impacting the indoor air quality in buildings around the Site. It is anticipated that the SVE system will continue to effectively control any soil vapor issues originating from this Site.

6.3 Recommended Additional Activities

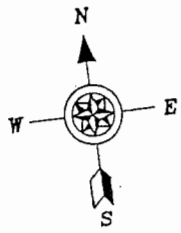
With the submission of this report, the groundwater monitoring requirements for OU-2 are completed. In light of the remediation activities that have been completed to date, we recommend that a Preliminary Remedial Action Plan (PRAP) and a Record of Decision (ROD) be developed that summarizes the completion of the OU-2 portion of this project. The following post-remediation activities are also recommended.

- An additional application of permanganate to the existing groundwater injection points;
- Continued operation of the interior sub-slab depressurization (SSD) system;
- Continued operation and monitoring of the exterior soil vapor extraction (SVE) system until termination criteria for the SVE system are achieved. At that time, the SVE system should be converted into a SSD system by replacing the large blower with a smaller fan;
- Annual monitoring of wells MW-1A, 1C, 2, 3, 4, 4(75), 4(90) and 4D (with Category A QA/QC) until groundwater standards are achieved or the NYSDEC indicates monitoring is no longer required. (The final round shall include Category B deliverables); and
- Annual monitoring of indoor air locations PDM-1 through 6 during winter conditions for as long as the soil vapor extraction and sub-slab depressurization systems are in operation or the NYSDEC indicates monitoring is no longer required.

7.0 REFERENCES

1. CA RICH, (April 2003), Supplemental Investigation Work Plan, The Citizens Development Company / Flower Fashion Site, 47 Northern Blvd., Great Neck, New York.
2. CA RICH, (January 2005), Interim Remedial Measures Report – Part A, The Citizens Development Company / Flower Fashion Site, 47 Northern Blvd., Great Neck, New York.
3. CA RICH, (April 2005), Interim Remedial Measures Report – Part B, Final Engineering Report and Operations, Maintenance & Monitoring Plan, The Citizens Development Company / Flower Fashion Site, 47 Northern Blvd., Great Neck, New York.
4. NYSDEC, January 24, 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels.
5. NYSDEC, October 22, 1993, Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
6. CA RICH, (November 2005), Monitoring Well Installation Work Plan, The Citizens Development Company / Flower Fashion Site, 47 Northern Blvd., Great Neck, New York.

Figures



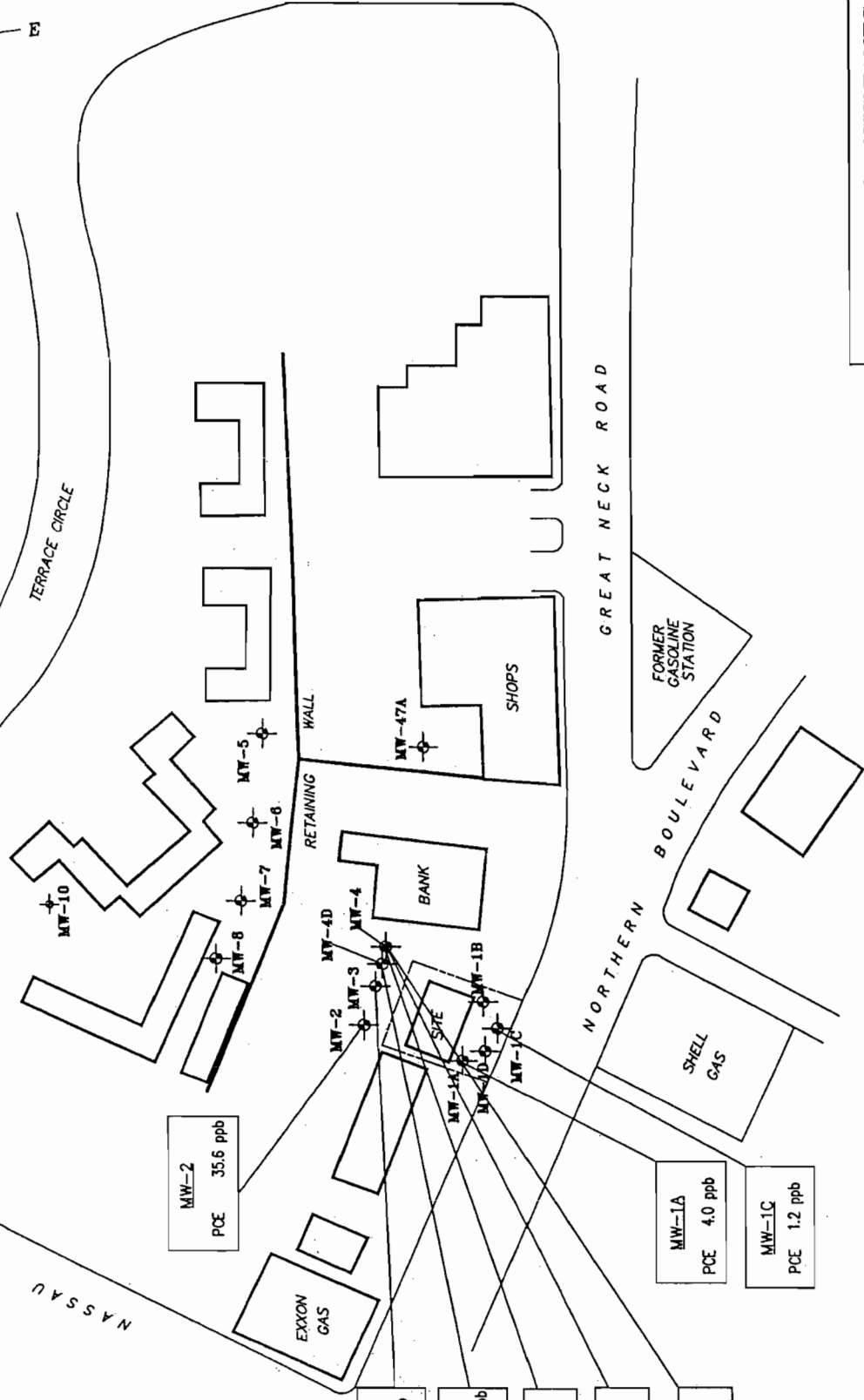
EAST MILL ROAD

TERRACE CIRCLE

GREAT NECK ROAD

NORTHERN BOULEVARD

NASSAU ROAD



MW-2
PCE 35.6 ppb

MW-3
PCE 9.3 ppb

MW-4D
PCE 0.75 ppb

MW-4 (90)
ND

MW-4 (75)
0.48 ppb

MW-4
PCE 45.4 ppb

MW-1A
PCE 4.0 ppb

MW-1C
PCE 1.2 ppb

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⊕ GROUNDWATER MONITORING WELL

ppb PARTS PER BILLION, MICROGRAMS PER LITER



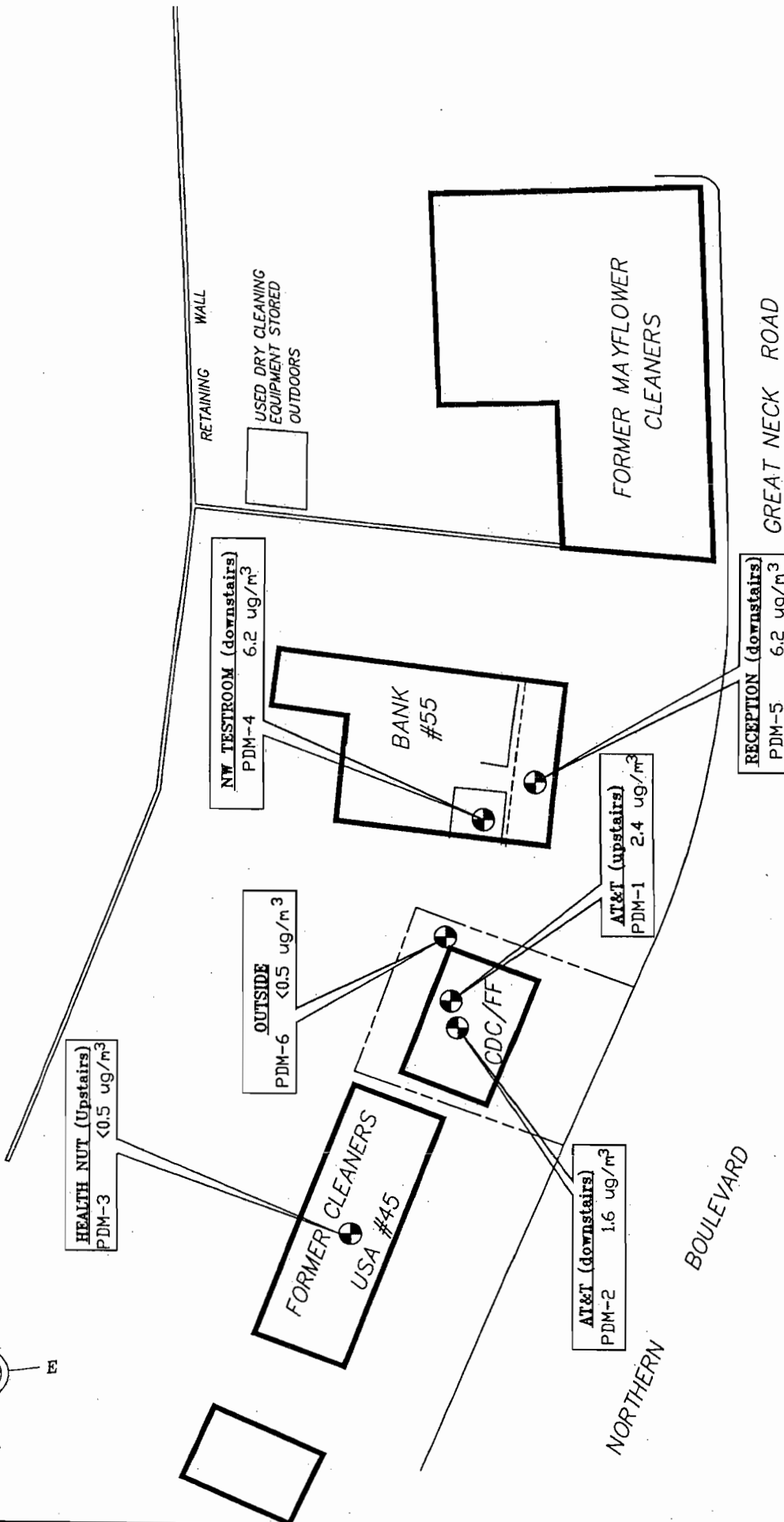
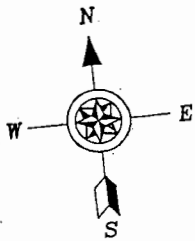
GRAPHIC SCALE IN FEET

CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainville, New York 11803

TITLE	CONCENTRATIONS OF PERCHLOROETHYLENE "PCE" IN GROUNDWATER DECEMBER 6, 2005	DATE	1/4/06
FIGURE	1	SCALE	As Shown
DRAWING NO:	1183-10(d)	DRAWN BY:	S.T.M.
		APPR. BY:	E.A.W.

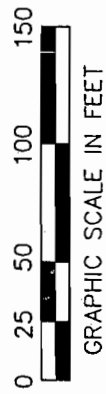
Note:
Map adapted from Civil and Environmental Engineers, Inc.
Site Area Map dated May 16, 2002.



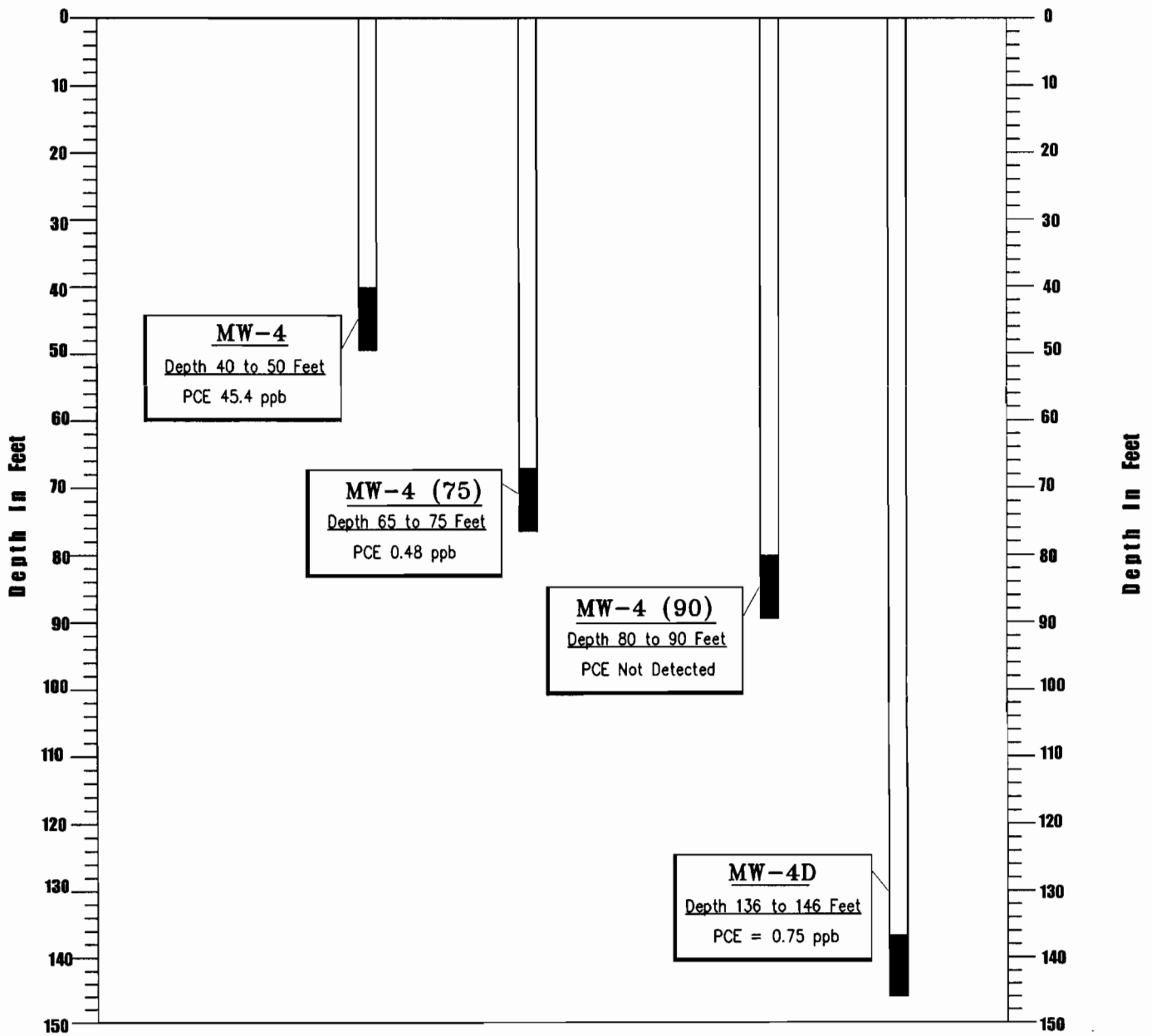
CA RICH CONSULTANTS, INC. Certified Groundwater and Environmental Specialists 17 Dupont Street, Plainview, New York 11803	
TITLE	PERCHLOROETHENE IN AIR SAMPLES DECEMBER 13, 2005
DATE	1/3/06
SCALE	As Shown
DRAWN BY	S.T.M.
FIGURE	2
DRAWING NO.	CDC/FLOWER FASHION 47 NORTHERN BLVD. GREAT NECK, N Y 11020
APPL. BY	E.A.W.

Legend

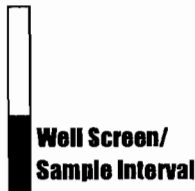
● AIR SAMPLE LOCATIONS



Note:
Map adapted from Civil and Environmental Engineers, Inc.
Site Area Map dated May 16, 2002.



Legend



NOTE: Parts Pr Billion = ppb

CA RICH CONSULTANTS, INC.		
Certified Groundwater and Environmental Specialists 17 Dupont Street, Plainview, New York 11803		
TITLE:	Vertical Profile of PCE at Location M-4	DATE: 1/9/06
FIGURE:	3	SCALE: AS SHOWN
DRAWING NO.:	2006-1A	DRAWN BY: S.T.M.
	CDC/FF 47 NORTHERN BOULEVARD GREAT NECK, NEW YORK	APPR. BY: E.A.W.

Tables

Table 2
Summary of Analytical Detections in Well MW-1B
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-1B	MW-1B	MW-1B	MW-1B	MW-1B	MW-1B	MW-1B	NYSDEC
Date Sampled	02/01/93	03/01/93	07/01/93	04/20/2004	12/16/2004	TOGS*		
Volatile Organics								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	150	120	7	9.6	92.8	5		

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.
 *NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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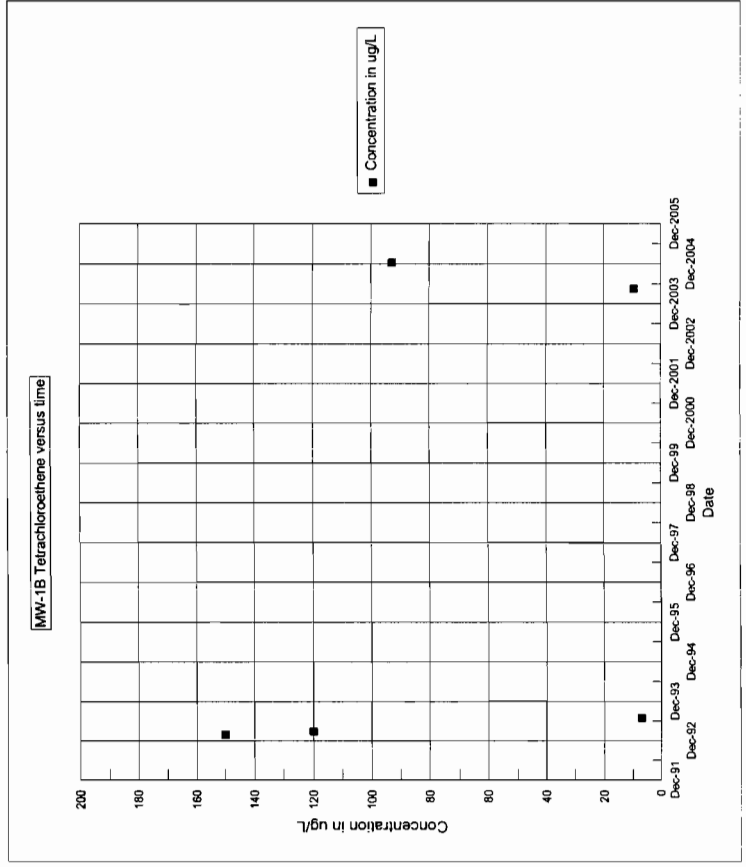


Table 4
Summary of Analytical Detections in Well MW-1D
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	NYSDEC TOGS*
Date Sampled	02/01/93	03/01/93	07/01/97	04/20/2004	12/16/2004			
Volatile Organics								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	9	18	3	15.4	17.6			5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.
 *NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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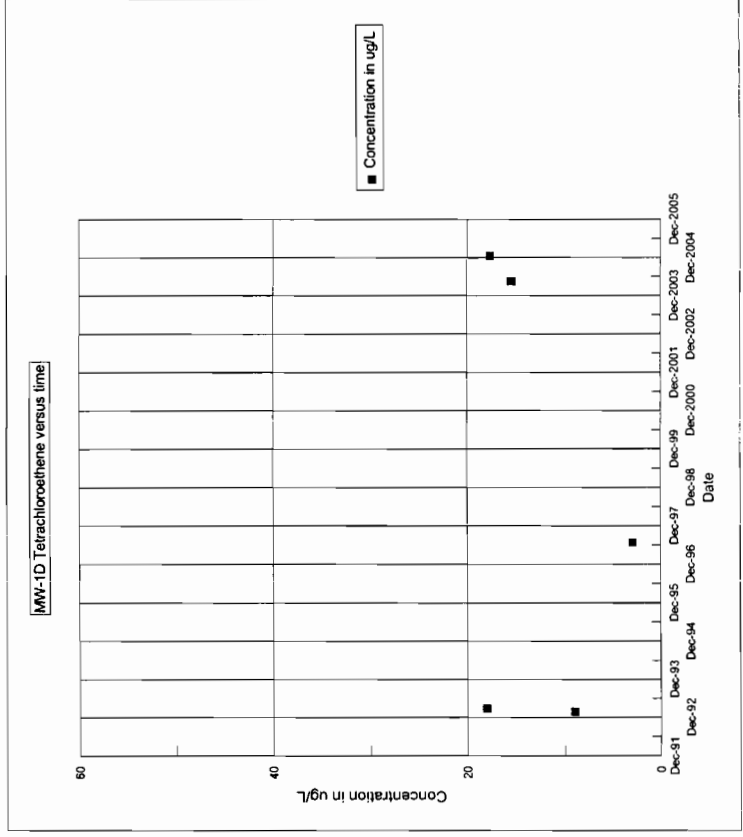


Table 6
 Summary of Analytical Detections in Well MW-3
 for Tetrachloroethene ("PCE") in Groundwater
 Citizen Development Company - Flower Fashion Site

Well ID	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	NYSDEC TOGS*				
Date Sampled	02/01/91	03/01/91	03/01/91	04/01/91	05/01/91	06/01/91	07/01/91	07/01/91	07/01/93	03/01/93	07/01/97	10/01/99	10/01/2000	11/01/2000	07/01/2001	10/09/2002	01/22/2003	12/17/2003	06/15/2004	12/16/2004	12/06/2005	
Volatile Organics																						
Tetrachloroethene	37	446	221	99	150	229	50	25	52	140	820	490	400	162	197	ND	306	60.2	9.3		5	
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1).
 Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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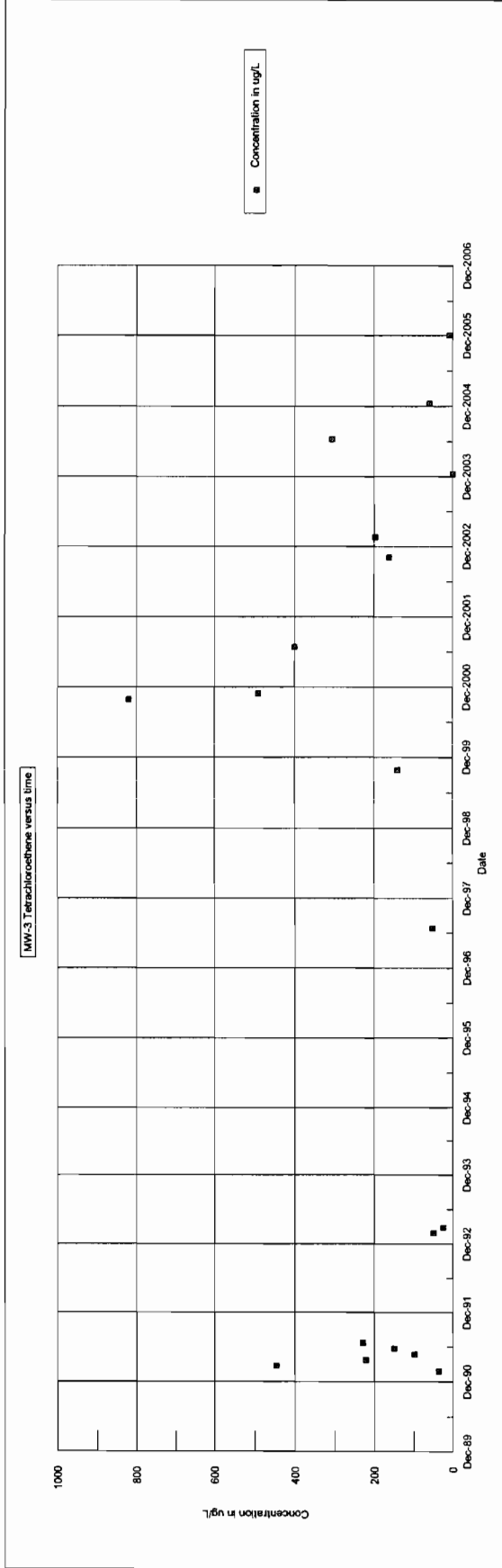


Table 7
 Summary of Analytical Detections in Well MW-4
 for Tetrachloroethene ("PCE") in Groundwater
 Citizen Development Company - Flower Fashion Site

Well ID	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	NYSDEC TOGS*
Date Sampled	02/01/91	03/01/91	04/01/91	05/01/91	06/01/91	07/01/91	02/01/93	03/01/93	07/01/97	10/01/99	10/01/2000	11/01/2000	07/01/2001	10/08/2002	
Volatile Organics															
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	327	1,732	1,441	1,367	1,479	1,780	1,800	850	180	140	41	410	620	464	5
Comments															

Well ID	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	NYSDEC TOGS*
Date Sampled	01/22/2003	12/17/2003	06/15/2004	10/21/2004	10/26/2004	10/29/2004	11/05/2004	12/16/2004	03/25/2005	04/13/2005	04/20/2005	05/12/2005	05/26/2005	06/14/2005	12/06/2005	
Volatile Organics																
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	48.7	544	480	670	520	400	610	640	460	290	210	160	190	8.9	45.4	5
Comments				Began Perm. Injections												Ended Perm. Injections

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

MW-4 Tetrachloroethene versus time

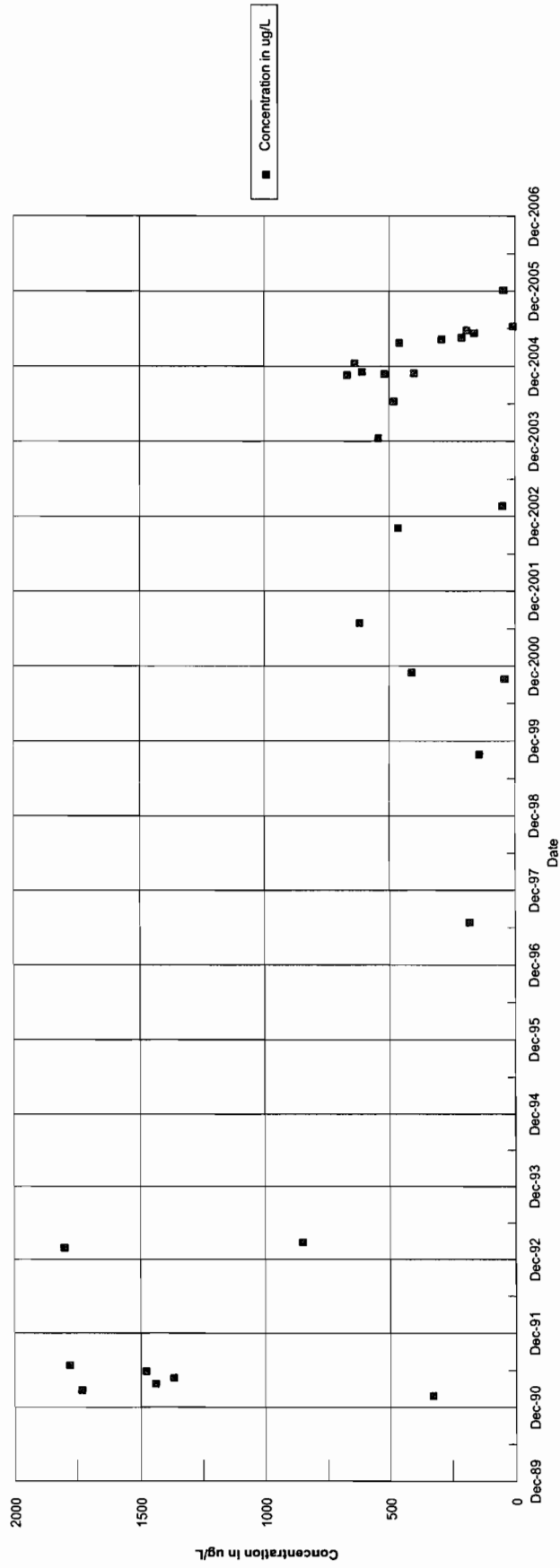


Table 8
Summary of Analytical Detections in Well MW-4D
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	NYSDEC TOGS*
Date Sampled	11/01/2000	01/22/2003	12/17/2003	06/16/2004	12/16/2004	06/14/2005	12/06/2005	12/06/2005	12/06/2005	
Volatile Organics										
Tetrachloroethene	3.1	3.0	1.8	27.5	63.3	5.7	0.75			5
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level. *NYSDEC Technical and Operational Guidance Series (1.1.1) ug/L: micrograms per liter or parts per billion.

Prepared by CA Rich Consultants Inc.

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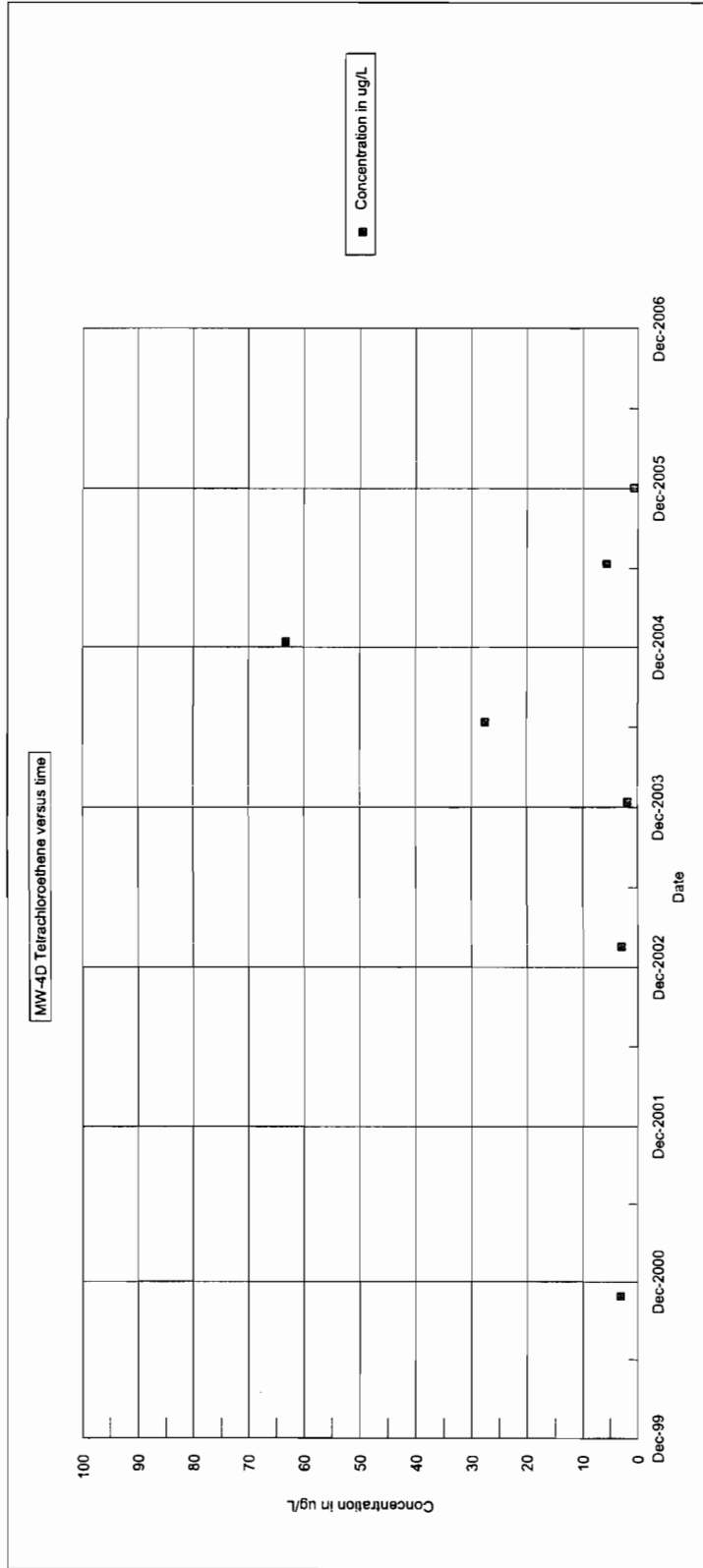


Table 9
Summary of Analytical Detections in Well MW-5
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	NYSDEC TOGS*
Date Sampled	07/01/97	10/01/2000	11/01/2001	01/21/2003	06/15/2004	06/15/2005				
Volatiles Organics										
Tetrachloroethene	3	ND	2	1.6	1.4	1.5				5
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L				ug/L

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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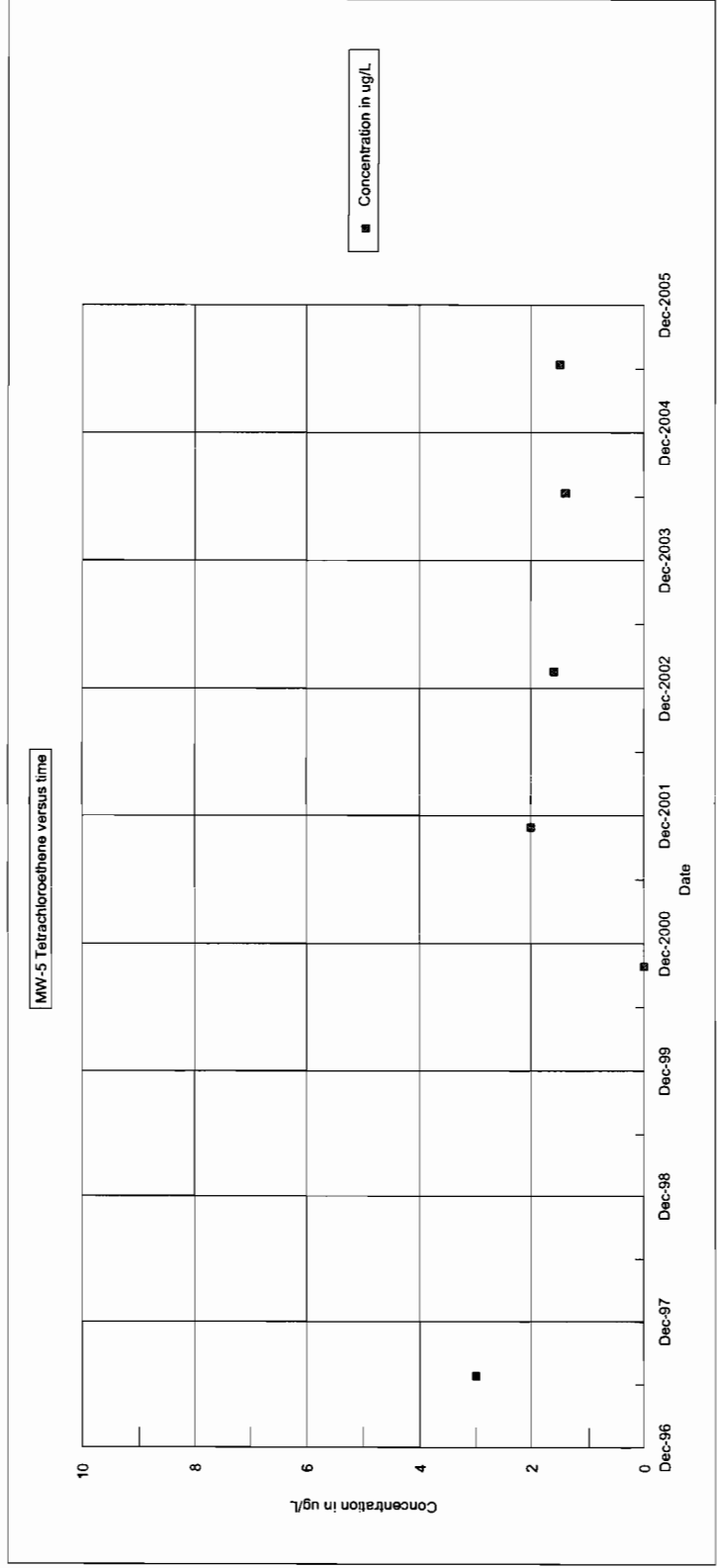


Table 10
Summary of Analytical Detections in Well MW-6
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	NYSDEC TOGS*
Date Sampled	07/01/97	10/01/99	11/01/2000	11/01/2000	01/21/2003	06/15/2004	06/15/2004	06/15/2005			
Volatile Organics											
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
Tetrachloroethene	25	56	4.2	48	34.5	10.4	10.4	3.7			5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.

Prepared by CA Rich Consultants Inc.

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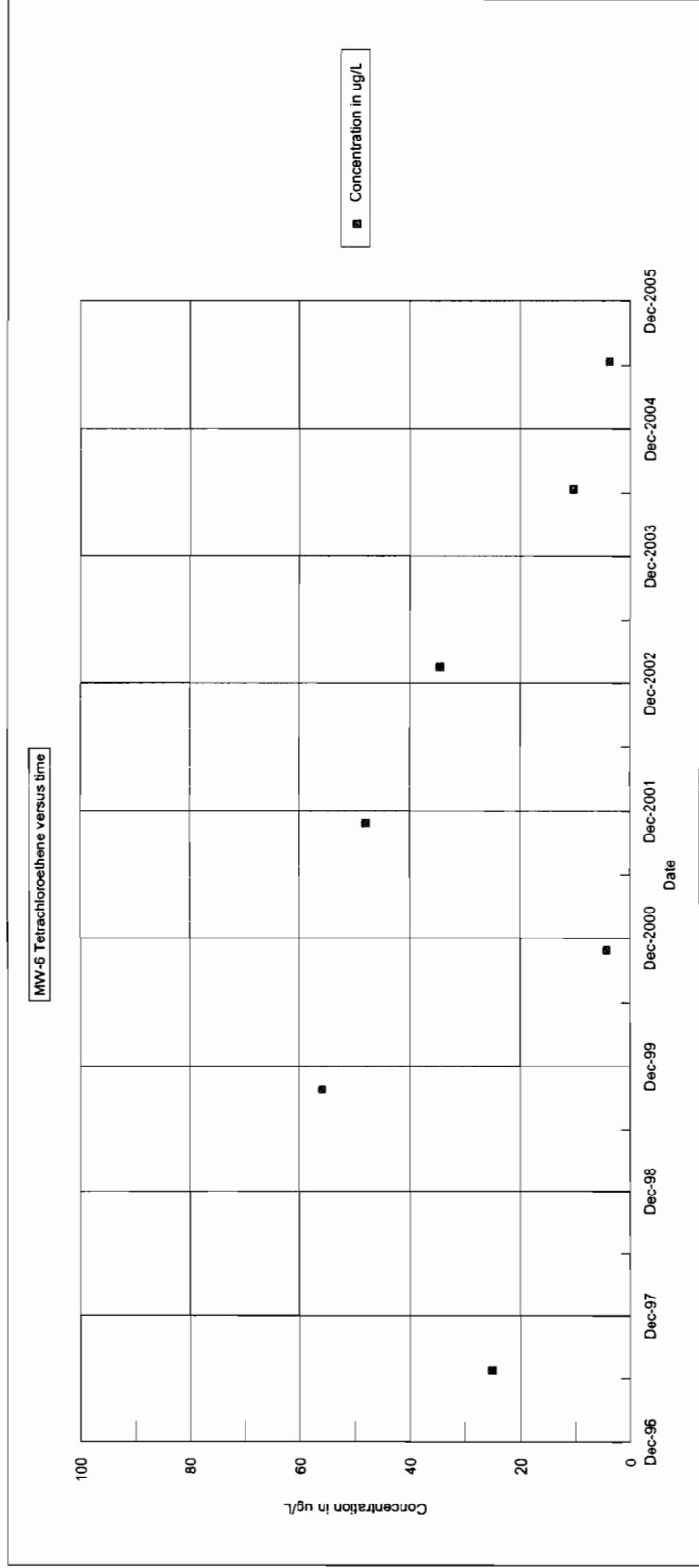


Table 11
 Summary of Analytical Detections in Well MW-7
 for Tetrachloroethene ("PCE") in Groundwater
 Citizen Development Company Flower Fashion Site

Well ID Date Sampled	MW-7 07/01/97	MW-7 10/01/99	MW-7 11/01/2000	MW-7 11/01/2001	MW-7 01/21/2003	MW-7 06/15/2004	MW-7 06/15/2005	NYSDEC TOGS*
Volatile Organics								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	6	36	2.1	35	16.9	19.1	12	5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 *NYSDEC Technical and Operational Guidance Series (1.1.1)
 ug/L: micrograms per liter or parts per billion.

Prepared by CA Rich Consultants Inc.

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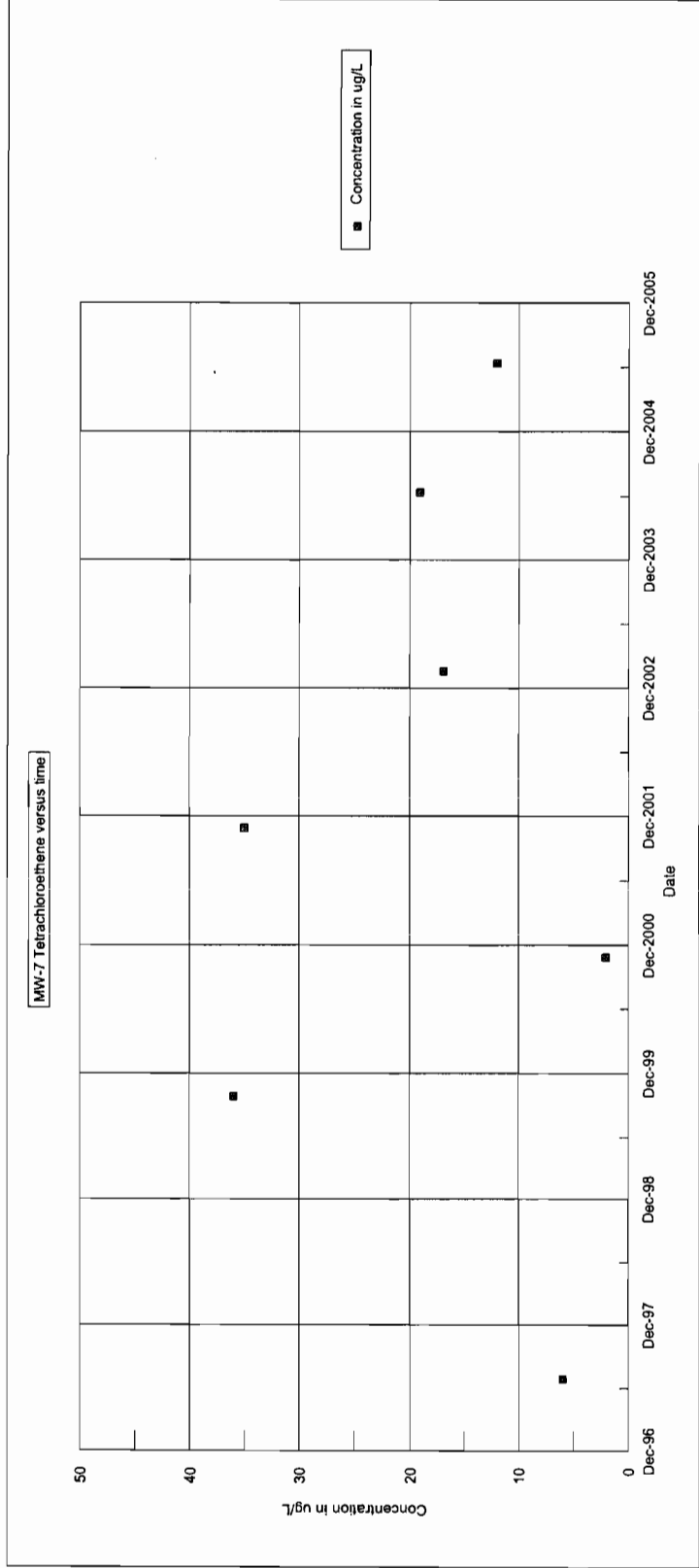


Table 13
Summary of Analytical Detections in Well MW-10
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	NYSDEC TOGS*
Date Sampled	02/01/91	07/01/91	07/01/97	11/01/2001	01/21/2003	06/15/2004	06/15/2005			
Volatile Organics										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	46	104	4	2	2.9	3.5	3.7			5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

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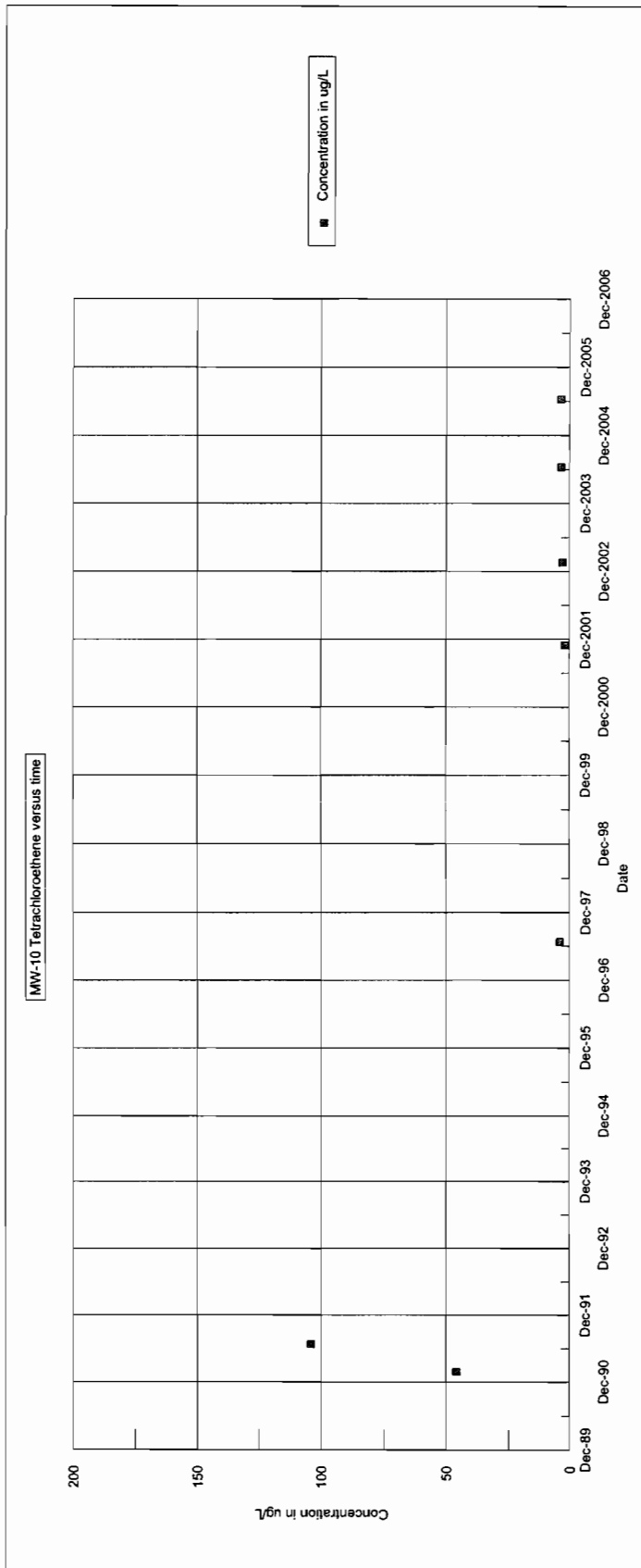


Table 14
Summary of Analytical Detections in Well MW-47A
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-47A	MW-47A	MW-47A	MW-47A	MW-47A	MW-47A	MW-47A	MW-47A	NYSDEC TOGS*
Date Sampled	02/01/91	07/01/91	01/22/2003	06/15/2004	06/15/2005				
Volatile Organics									
Units	.ug/L	.ug/L	.ug/L	.ug/L	.ug/L	.ug/L	.ug/L	.ug/L	.ug/L
Tetrachloroethene	100	109	ND	ND	ND	ND	ND	ND	5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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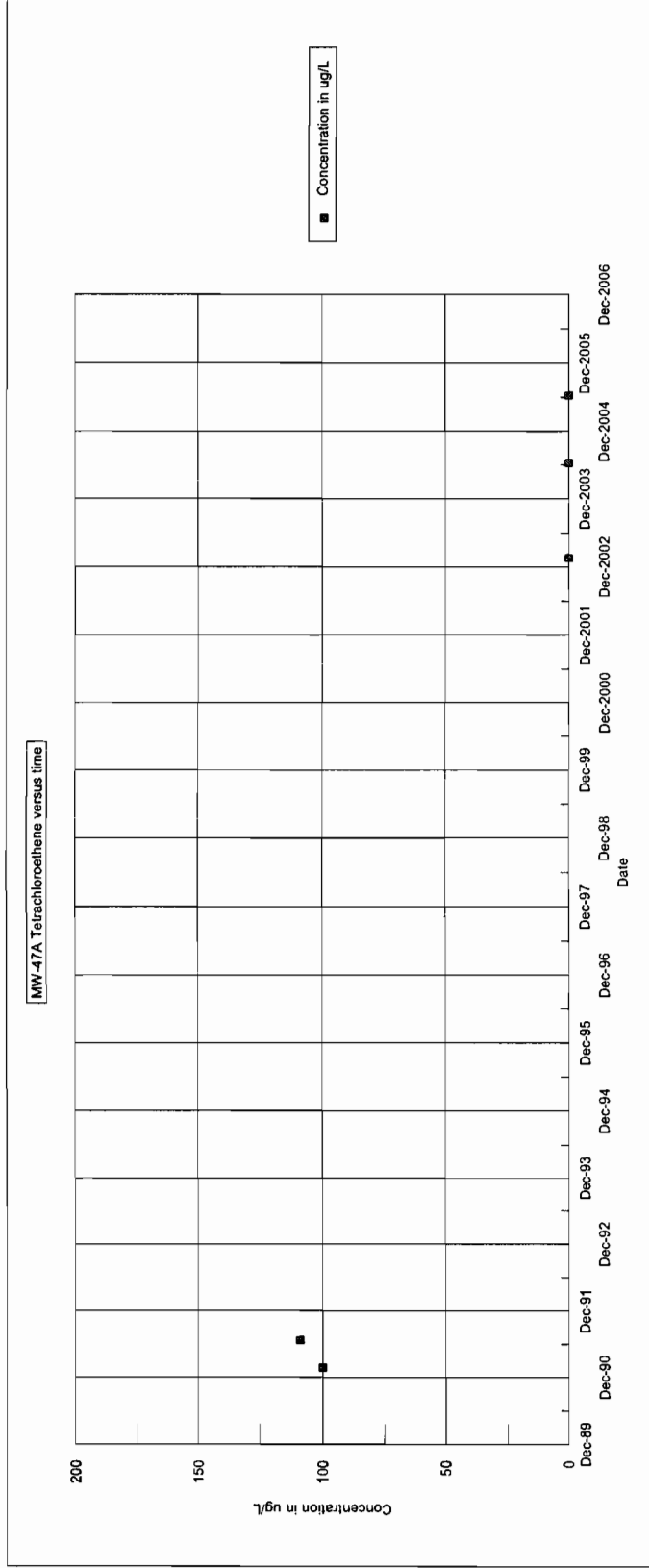


Table 15
Summary of Analytical Detections in Well MW-4 (75)
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-4 (75)	NYSDEC TOGS*
Date Sampled	12/06/2005	
Volatile Organics		
Units	ug/L	ug/L
Tetrachloroethene	0.48	5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.
 *NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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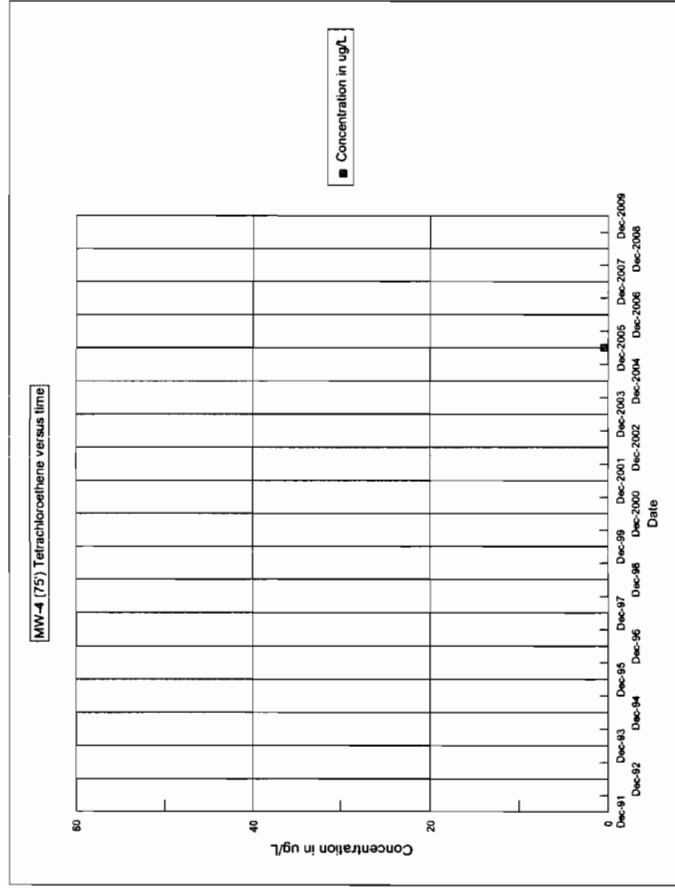


Table 16
Summary of Analytical Detections in Well MW-4 (90')
for Tetrachloroethene ("PCE") in Groundwater
Citizen Development Company - Flower Fashion Site

Well ID	MW-4 (90')	NYSDEC TOGS*
Date Sampled	12/06/2005	
Volatile Organics		
Units	ug/L	ug/L
Tetrachloroethene	ND	5

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
 ug/L: micrograms per liter or parts per billion.
 *NYSDEC Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.

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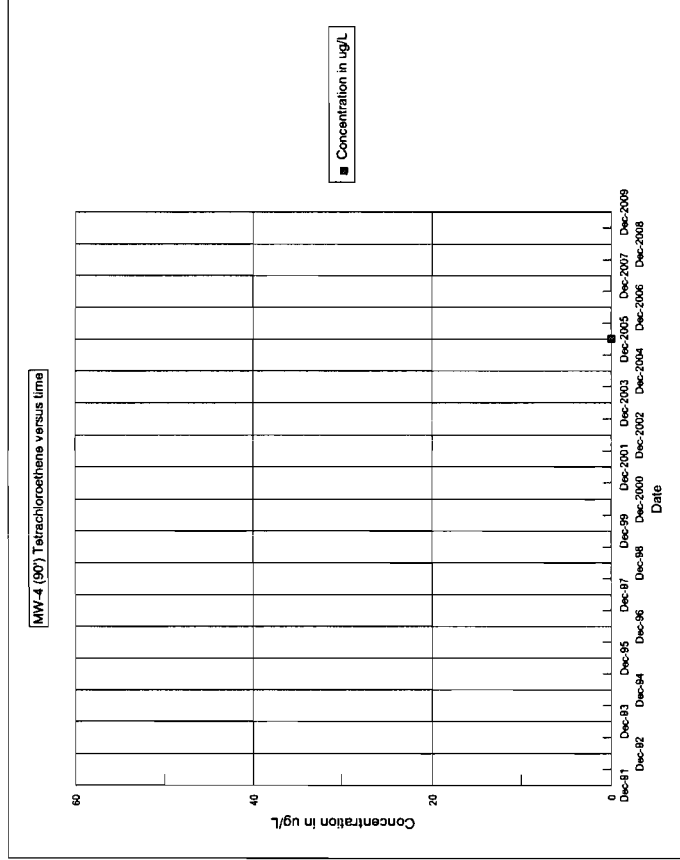


Table 17
Citizens Development Co./Flower Fashion Site
Summary of Perchloroethene Indoor Air Readings
Units - ug/m3

Sample #:	PDM-1	PDM-2	PDM-3	PDM-4	PDM-5	PDM-6*
Location:	AT&T	AT&T	Heath Nut	55 No. Blvd. NW test rm.	55 No. Blvd. Reception	Outdoors
Level:	(Ground Fl.)	(Downstairs)	(Ground Fl.)	(Downstairs)	(Downstairs)	NA

<u>Date</u>						
11/20/02	120	280	NA	170	150	7
12/02/03	27	18	4	47	47	6.4
06/15/04	22	27	6.6	39	39	10
12/17/04	47	52	5.5	70	91	2.6
06/23/05	4.5	8.3	1.4	8.8	10	5.7
12/13/05	2.5	1.6	<0.5	6.2	6.2	<0.5

Notes:

1-AT&T store now known as Cingular

2-Subslab venting system in basement of AT&T installed during the Spring of 2002

3-SVE system in rear yard installed January 2005

4-November 20, 2002 samples collected and analyzed by NYSDOH

* - Outdoor air sample

NA - Not Analyzed

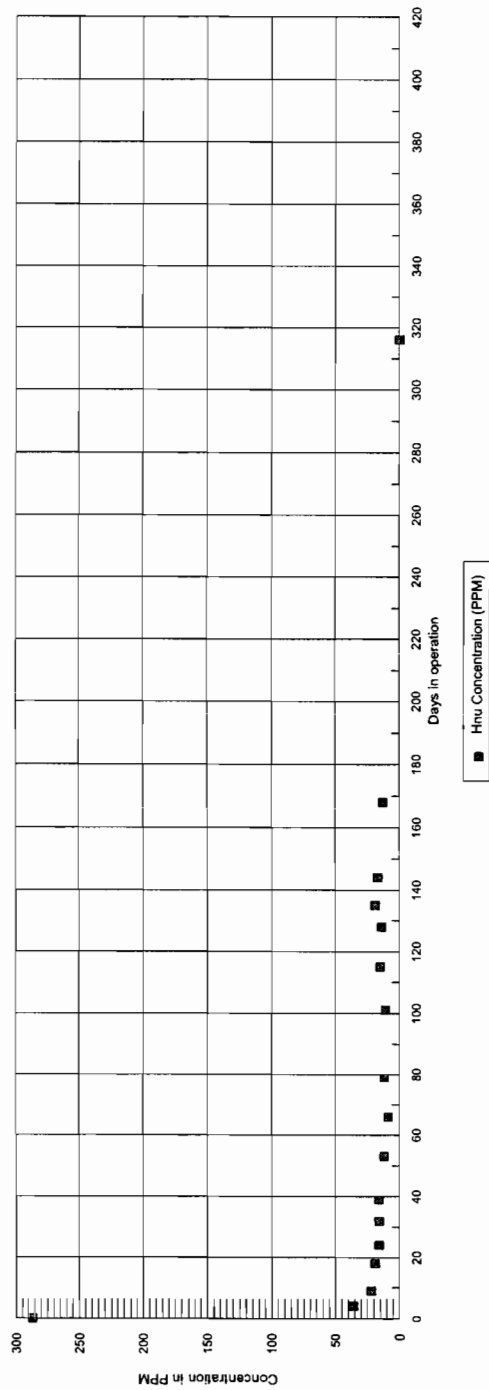
See attached Figure 2 for sample locations

Table 18
Soil Vapor Extraction Readings
Citizen Development Company - Flower Fashion
47 Northern Boulevard, Great Neck, NY

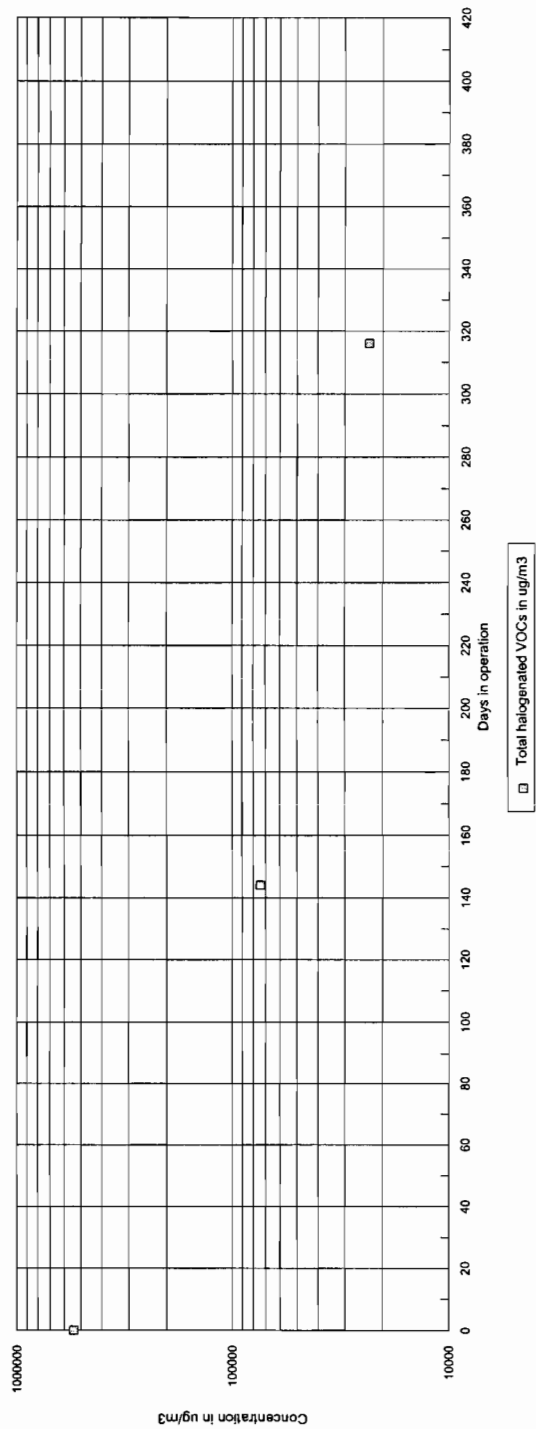
Date	Number of Days in Operation	MiniRae PID Before Carbon**	PCE Before Carbon**	TCE Before Carbon**	DCE Before Carbon**	Vinyl Chloride Before Carbon**	Total VOCs Before Carbon**	Comments
01/31/05	0	287	540,000	1,100	670	ND	541,770	Pilot Test & System Start-up - tube sample
02/04/05	4	36						Inject 10 gals. (5%) sodium permanganate
02/09/05	9	22						Inject 10 gals. (5%) sodium permanganate
02/18/05	18	19						Inject 10 gals. (5%) sodium permanganate
02/24/05	24	16						Inject 10 gals. (5%) sodium permanganate
03/04/05	32	16						Inject 10 gals. (5%) sodium permanganate
03/11/05	39	16						Inject 10 gals. (5%) sodium permanganate
03/25/05	53	12						Inject 10 gals. (5%) sodium permanganate
04/07/05	66	9						Inject 10 gals. (5%) sodium permanganate
04/20/05	79	12						Inject 10 gals. (5%) sodium permanganate
05/12/05	101	11						Inject 10 gals. (5%) sodium permanganate
05/26/05	115	15						Inject 10 gals. (5%) sodium permanganate
06/08/05	128	14						Inject 10 gals. (5%) sodium permanganate
06/15/05	135	19	74,000	ND	ND	ND	74,000	
06/24/05	144	17						
07/18/05	168	13	23,000	ND	ND	ND	23,000	Very Cold, Temp. may have effected PID
12/13/05	316	0						

Notes: * - MiniRae PID field meter measures total VOCs in PPM
 ** - All laboratory analyses reported in ug/m3
 ND - Non Detect.

PID Vapor Readings Versus Time of Operation



Laboratory Vapor Readings Versus Time of Operation



**Appendix A. Groundwater
Laboratory Data**

Sample Summary

C. A. Rich Consultants

Job No: J17460

Flower Station, 47 Northern Boulevard, Great Neck, NY
 Project No: CDC-FF

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
J17460-1	12/06/05	10:40 SS	12/08/05	AQ	Ground Water	MW-1A ✓
J17460-2	12/06/05	11:00 SS	12/08/05	AQ	Ground Water	MW-1C ✓
J17460-2D	12/06/05	11:00 SS	12/08/05	AQ	Water Dup/MSD	MW-1C MSD
J17460-2S	12/06/05	11:00 SS	12/08/05	AQ	Water Matrix Spike	MW-1C MS
J17460-3	12/06/05	11:30 SS	12/08/05	AQ	Ground Water	MW-2 ✓
J17460-4	12/06/05	11:50 SS	12/08/05	AQ	Ground Water	MW-3 ✓
J17460-5	12/06/05	14:00 SS	12/08/05	AQ	Ground Water	MW-4 ✓
J17460-6	12/06/05	12:25 SS	12/08/05	AQ	Ground Water	MW-4 (75')
J17460-7	12/06/05	12:45 SS	12/08/05	AQ	Ground Water	MW-4 (90')
J17460-8	12/06/05	13:10 SS	12/08/05	AQ	Ground Water	MW-4D ✓
J17460-9	12/06/05	14:00 SS	12/08/05	AQ	Ground Water	MW-99
J17460-10	12/06/05	14:00 SS	12/08/05	AQ	Trip Blank Water	TB-12/6
J17460-11	12/06/05	13:50 SS	12/08/05	AQ	Field Blank Water	FB-12/6

Report of Analysis

Client Sample ID:	MW-1A	Date Sampled:	12/06/05
Lab Sample ID:	J17460-1	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U71748.D	1	12/13/05	YMH	n/a	n/a	VU2655
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	4.0	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1A	Date Sampled:	12/06/05
Lab Sample ID:	J17460-1	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		79-121%
17060-07-0	1,2-Dichloroethane-D4	94%		69-131%
2037-26-5	Toluene-D8	89%		84-115%
460-00-4	4-Bromofluorobenzene	91%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1C	Date Sampled:	12/06/05
Lab Sample ID:	J17460-2	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107754.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	1.2	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1C	Date Sampled:	12/06/05
Lab Sample ID:	J17460-2	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B	Project: Flower Station, 47 Northern Boulevard, Great Neck, NY	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		79-121%
17060-07-0	1,2-Dichloroethane-D4	80%		69-131%
2037-26-5	Toluene-D8	91%		84-115%
460-00-4	4-Bromofluorobenzene	101%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	12/06/05
Lab Sample ID:	J17460-3	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107713.D	1	12/13/05	APL	n/a	n/a	VE4792
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.61	1.0	0.23	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	35.6	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.71	1.0	0.22	ug/l	J

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	12/06/05
Lab Sample ID:	J17460-3	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		79-121%
17060-07-0	1,2-Dichloroethane-D4	70%		69-131%
2037-26-5	Toluene-D8	88%		84-115%
460-00-4	4-Bromofluorobenzene	95%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	12/06/05
Lab Sample ID:	J17460-4	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107755.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.8	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	9.3	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.62	1.0	0.22	ug/l	J

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	12/06/05
Lab Sample ID:	J17460-4	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		79-121%
17060-07-0	1,2-Dichloroethane-D4	85%		69-131%
2037-26-5	Toluene-D8	92%		84-115%
460-00-4	4-Bromofluorobenzene	102%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	12/06/05
Lab Sample ID:	J17460-5	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107756.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.64	1.0	0.23	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	45.4	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.71	1.0	0.22	ug/l	J

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	12/06/05
Lab Sample ID:	J17460-5	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		79-121%
17060-07-0	1,2-Dichloroethane-D4	88%		69-131%
2037-26-5	Toluene-D8	91%		84-115%
460-00-4	4-Bromofluorobenzene	101%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4 (75')	Date Sampled:	12/06/05
Lab Sample ID:	J17460-6	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107757.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.48	1.0	0.19	ug/l	J
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4 (75')	Date Sampled:	12/06/05
Lab Sample ID:	J17460-6	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-121%
17060-07-0	1,2-Dichloroethane-D4	91%		69-131%
2037-26-5	Toluene-D8	92%		84-115%
460-00-4	4-Bromofluorobenzene	101%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4 (90')	Date Sampled:	12/06/05
Lab Sample ID:	J17460-7	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107758.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4 (90')	Date Sampled:	12/06/05
Lab Sample ID:	J17460-7	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		79-121%
17060-07-0	1,2-Dichloroethane-D4	93%		69-131%
2037-26-5	Toluene-D8	93%		84-115%
460-00-4	4-Bromofluorobenzene	101%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D	Date Sampled:	12/06/05
Lab Sample ID:	J17460-8	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107759.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.75	1.0	0.19	ug/l	J
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.41	1.0	0.22	ug/l	J

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D	Date Sampled:	12/06/05
Lab Sample ID:	J17460-8	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		79-121%
17060-07-0	1,2-Dichloroethane-D4	94%		69-131%
2037-26-5	Toluene-D8	92%		84-115%
460-00-4	4-Bromofluorobenzene	101%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-99	Date Sampled:	12/06/05
Lab Sample ID:	J17460-9	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B	Project: Flower Station, 47 Northern Boulevard, Great Neck, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107714.D	1	12/13/05	APL	n/a	n/a	VE4792
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.58	1.0	0.23	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	48.9	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.61	1.0	0.22	ug/l	J

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-99	Date Sampled:	12/06/05
Lab Sample ID:	J17460-9	Date Received:	12/08/05
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		79-121%
17060-07-0	1,2-Dichloroethane-D4	72%		69-131%
2037-26-5	Toluene-D8	88%		84-115%
460-00-4	4-Bromofluorobenzene	96%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB-12/6	Date Sampled:	12/06/05
Lab Sample ID:	J17460-10	Date Received:	12/08/05
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	E107760.D	1	12/14/05	APL	n/a	n/a	VE4794

Run #1	Purge Volume
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB-12/6	Date Sampled:	12/06/05
Lab Sample ID:	J17460-10	Date Received:	12/08/05
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-121%
17060-07-0	1,2-Dichloroethane-D4	95%		69-131%
2037-26-5	Toluene-D8	92%		84-115%
460-00-4	4-Bromofluorobenzene	102%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-12/6	Date Sampled:	12/06/05
Lab Sample ID:	J17460-11	Date Received:	12/08/05
Matrix:	AQ - Field Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E107761.D	1	12/14/05	APL	n/a	n/a	VE4794
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.4	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.48	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.086	ug/l	
75-00-3	Chloroethane	ND	1.0	0.99	ug/l	
67-66-3	Chloroform	ND	1.0	0.15	ug/l	
74-87-3	Chloromethane	ND	1.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.8	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.37	ug/l	
100-42-5	Styrene	ND	5.0	0.085	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.19	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.16	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-12/6	Date Sampled:	12/06/05
Lab Sample ID:	J17460-11	Date Received:	12/08/05
Matrix:	AQ - Field Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Flower Station, 47 Northern Boulevard, Great Neck, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-121%
17060-07-0	1,2-Dichloroethane-D4	97%		69-131%
2037-26-5	Toluene-D8	92%		84-115%
460-00-4	4-Bromofluorobenzene	103%		80-121%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Appendix B. Indoor Air Laboratory Data



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

RECEIVED
DEC 27 2005
BY:.....

Mr. Eric Weinstock
CA Rich Consultants, Inc.
17 Dupont Street
Plainview, NY 11803

December 22, 2005

DOH ELAP# 11626

Account# 14715

Login# L127144

Dear Mr. Weinstock:

Enclosed are the analytical results of the samples received by our laboratory December 15, 2005. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact your client service representative, Charlene Moser at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 Kirkville Rd
 East Syracuse, NY 13057-9672
 Tel: 315-432-5227
 888-432-LABS(5227)
 Fax: 315-437-0571
 www.galsonlabs.com

Check if change of address
 New Client? yes no

Report To : **CARICH Consultants, Inc.**
 17 Dupont street
 Plainville, NY 11803
 Attn: Eric Weinstock
 Phone No. : 516 / 576-8844
 Fax No. : 516 / 576-0093

Invoice To : **same** (Y)
 Phone No. :
 Fax No. :

Site Name : _____ Project : _____
 Exp. : _____

Need Results By: (surcharge)
 5 Business Days 0%
 4 Business Days 35%
 3 Business Days 50%
 2 Business Days 75%
 Next Day by 6pm 100%
 Next Day by Noon 150%
 Same day 200%

Client Account No. : _____
 Purchase Order No. : _____
 Credit Card No. : _____
 Card Holder Name : _____
 Email / Fax Results To : _____
 Email Address : _____
 Fax No. : _____

Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
PDM-1	12/13-14/05	Badges ³⁵⁰⁰		1448	PCE	NYS D04 311.9	5 ug/1.3
PDM-2				1450			
PDM-3				1445			
PDM-4				1443			
PDM-5				1445			
PDM-6				1455			

IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX, otherwise, a blank will be added for each analyte and will be charged at normal rate.
 List description of industry or process / interference's present in sampling area:

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	ERIC WEINSTOCK	<i>Eric Weinstock</i>	12/14/05
Received by LAB:	Larry S. Iwerton	<i>Larry S. Iwerton</i>	12/15/05 @ 9:52 AM

Login #: 6127144 Samples received after 3pm will be considered as next day's business * sample collection time X LPM = Air Vol.



LABORATORY ANALYSIS REPORT

6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : CA Rich Consultants, Inc
Site : NS

Date Sampled : 13-DEC-05 - 14-DEC-05 Account No.: 14715
Date Received : 15-DEC-05 Login No. : L127144
Date Analyzed : 21-DEC-05

Perchloroethylene

Table with 5 columns: Sample ID, Lab ID, Time minutes, Total ug, Conc ug/m3. Rows include PDM-1 through PDM-6 and LAB BLANK.

COMMENTS: Total ug corrected for a desorption efficiency of 103%
Recovery of daily detection limit check standard was 155%, control limits are
70% to 130%. Sample results near the LOQ may be biased slightly high.

Level of quantitation: 0.02 ug Submitted by: NKP
Analytical Method : mod. NYS DOH 311-9 Approved by : jmt
OSHA PEL (TWA) : 100 ppm Date : 22-DEC-05 NYS DOH # : 11626
Collection Media : OVM QC by: Pamela Titus

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million

**Appendix C. SVE System
Laboratory Data**

CA RICH CONSULTANTS

Client Sample ID: RAW 12/13/05

GC/MS Volatiles

Lot-Sample # H5L160132 - 001

Work Order # HR8091AC

Matrix.....: AIR

Date Sampled...: 12/13/05

Date Received...: 12/16/05

Prep Date.....: 12/21/05

Analysis Date... 12/21/05

Prep Batch #....: 5356081

Dilution Factor.: 281.36

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Acetone	ND	1400	ND	3300
Cumene	ND	56	ND	280
4-Isopropyltoluene	ND	56	ND	310
Naphthalene	ND	140	ND	740
n-Propylbenzene	ND	56	ND	280
Methyl tert-butyl ether	ND	140	ND	510
2-Butanone (MEK)	ND	140	ND	410
n-Butylbenzene	ND	56	ND	310
sec-Butylbenzene	ND	56	ND	310
Carbon disulfide	ND	56	ND	180
Dichlorodifluoromethane	ND	56	ND	280
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	56	ND	390
Chloromethane	ND	140	ND	290
Vinyl chloride	ND	56	ND	140
Bromomethane	ND	56	ND	220
Chloroethane	ND	56	ND	150
Trichlorofluoromethane	ND	56	ND	320
1,1-Dichloroethene	ND	56	ND	220
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	56	ND	430
Methylene chloride	ND	140	ND	490
1,1-Dichloroethane	ND	56	ND	230
cis-1,2-Dichloroethene	ND	56	ND	220
Chloroform	ND	56	ND	270
1,1,1-Trichloroethane	ND	56	ND	310
Carbon tetrachloride	ND	56	ND	350
Benzene	ND	56	ND	180
1,2-Dichloroethane	ND	56	ND	230
Trichloroethene	ND	56	ND	300
1,2-Dichloropropane	ND	56	ND	260
cis-1,3-Dichloropropene	ND	56	ND	260
Toluene	ND	56	ND	210
trans-1,3-Dichloropropene	ND	56	ND	260
1,1,2-Trichloroethane	ND	56	ND	310
Tetrachloroethene	3400	56	23000	380
1,2-Dibromoethane (EDB)	ND	56	ND	430
Chlorobenzene	ND	56	ND	260

CA RICH CONSULTANTS
Client Sample ID: RAW 12/13/05
GC/MS Volatiles

Lot-Sample # H5L160132 - 001 **Work Order #** HR8091AC **Matrix.....:** AIR

<u>PARAMETER</u>	<u>RESULTS (ppb(v/v))</u>	<u>REPORTING LIMIT (ppb(v/v))</u>	<u>RESULTS (ug/m3)</u>	<u>REPORTING LIMIT (ug/m3)</u>
Ethylbenzene	ND	56	ND	240
m-Xylene & p-Xylene	ND	56	ND	240
o-Xylene	ND	56	ND	240
Styrene	ND	56	ND	240
1,1,2,2-Tetrachloroethane	ND	56	ND	390
1,3,5-Trimethylbenzene	ND	56	ND	280
1,2,4-Trimethylbenzene	ND	56	ND	280
1,3-Dichlorobenzene	ND	56	ND	340
1,4-Dichlorobenzene	ND	56	ND	340
1,2-Dichlorobenzene	ND	56	ND	340
Benzyl chloride	ND	56	ND	290
1,2,4-Trichlorobenzene	ND	280	ND	2100
Hexachlorobutadiene	ND	280	ND	3000

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>LABORATORY CONTROL LIMITS (%)</u>
1,2-Dichloroethane-d4	101	70 - 130
Toluene-d8	100	70 - 130
4-Bromofluorobenzene	94	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

STL Knoxville

5815 Middlebrook Pike • Knoxville, TN 37921-5947
Phone: (865) 291-3000 • Fax: (865) 584-4315
Receiving: (865) 291-3031

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document NO. Page 1 of 45211032

Bill to: CA Rich Consultants, Inc.
17 Dupont Street
Plainville, NY 11803

Project Name/No. 1 CDC Samples Shipment Date 7
Sample Team Members Eric Weinstock Lab Destination 8
Profit Center No. 3 Lab Contact 9
Project Manager 4 Project Contact / Phone 12
Purchase Order No. 6 CDC Carrier / Waybill No. 13
Required Report Date 11

ONE CONTAINER PER LINE

Sample 14 Number	Sample 15 Type	Date/Time 16 Collected	Container 17 Type	Sample 18 Volume	Pre-19 servative	Requested Testing 20 Program	Condition on Receipt 21 Lab use only
Raw 12/13/05	Soil Vapor	12/13/05 11:50 AM	SUMMC	6L	NA	TO-15	Custody seals intact Y N <input checked="" type="checkbox"/> (NA) Temperature received at <u>Ambient</u> Received by <u>ADF</u> Date <u>12/14/05</u> Number of packages <u>1</u> Tracking # <u>5549 1524 9211</u> <u>ADF 12/14/05</u> <u>1 CAN/O FUMS</u>

Special Instructions: 23

Possible Hazard Identification: 24
 Non-Hazard Flammable Skin Irritant Poison B Unknown
 Turnaround Time Required: 26
 Normal Rush QC Level: 27
 I. II. III. Project Specific (specify):
 1. Relinquished by Eric Weinstock Date: 12/13/05
 (Signature / Affiliation) CA RICH Time: 3:30 PM
 1. Relinquished by Andrew D. Felton Date: 12/14/05
 (Signature / Affiliation) Time: 0900

Comments: 29 PID=0

**Appendix D. Boring and Well
Construction Logs**



CA RICH Consultants, Inc.

Boring No. MW-4 (75 & 90)

17 Dupont Street, Plainview, New York 11803

BORING LOG

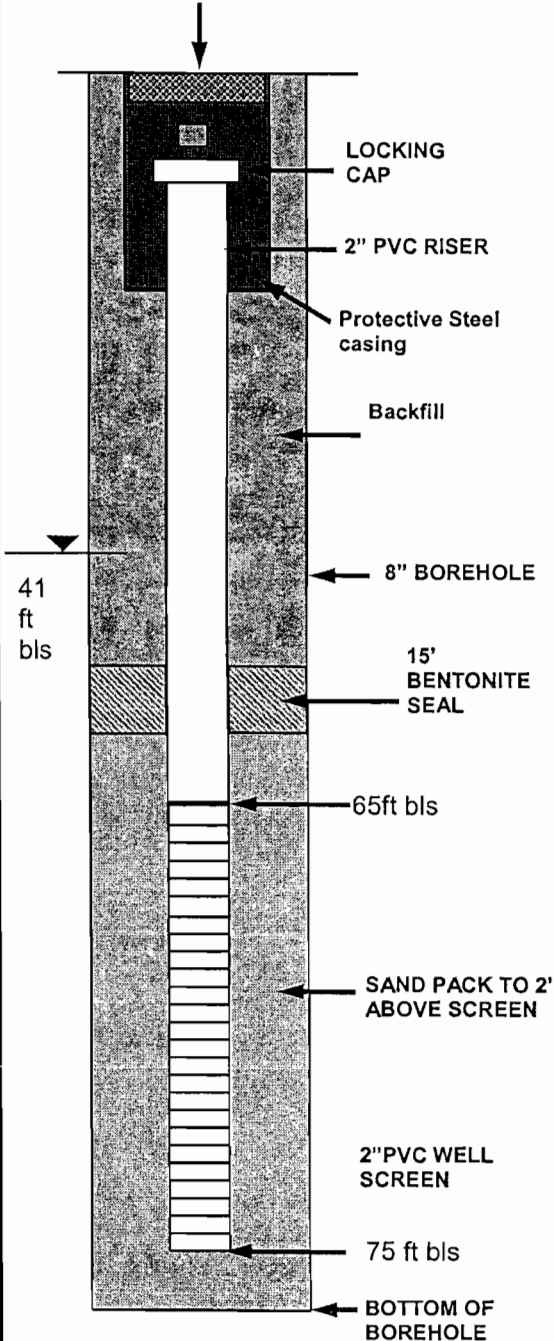
Project Name & Location CDC - Great Neck, NY		Project Number CDC/FF		Date & Time Started: 8:30 AM 11/11/2005	
Drilling Company ADT		Foreman Shaun		Date & Time Completed: 11:00 AM 11/11/2005	
Drilling Equipment Mobile Drill Rig		Method 4" Hollow Stem Auger		Sampler(s) Deborah Shapiro	
Bit Size(s) 4-inch		Core Barrel(s) NA		Sampler Hammer 140 lbs.	
				Drop 30-inch	
				Elevation & Datum NA	
				Completion Depth 92-feet	
				Rock Depth	
				Project Scientist(s) Deborah Shapiro	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Depth of Sample	Recovery (feet)	FID/PID (ppm)	Blow Counts		
0			NA		SURFACE DESCRIPTION: Asphalt	
	0-2'	NA	NA	H.C.	Fill and Asphalt	No odor.
			NA			
10	10'-12'	11"	NA	6,5,5,4	Brown medium to fine grained sand with gravel.	No odor.
			NA			
15			NA			
			NA			
20	20'-22'	4"	NA	10,30,12,50	Light brown to tan fine grained sand with gravel.	No odor.
			NA			
25			NA			
			NA			
30	30'-32'	1.25'	NA	20,10,10,15	White fine grained sand.	No odor.
			NA			
35			NA			
			NA			
40	40'-42'	1.5'	NA	13,10,12,22	40.5'-41' White fine grained sand, some silt, trace gravel	Groundwater ~41'
			NA		41' White fine grained sand with orange-brown bands.	Wet. No odor.
45			NA			
			NA			
50	50'-52'	2'	NA	7,9,5,15	50'-50.5' Tan fine grained sand, some silt.	Wet. No odor.
			NA		50.5' Gray silty clay (4")	
55			NA		50.9' Tan fine grained silty sand.	
			NA			
60			NA			
			NA			
65	60'-62'	2'	NA	15,32,50/3	Tan fine grained silty sand.	Wet. No odor.
			NA		Tan Clay (exact depth unknown. Clay was noted on augers)	
70			NA			
			NA			
75	70'-72'	1.5'	NA	10,5,13,6	Tan fine grained silty sand.	Wet. No odor.
			NA			
80			NA			
			NA			
85	80'-82'	2'	NA	9,8,5,10	Tan fine grained silty sand.	Wet. No odor.
			NA			
90			NA			
			NA			
95	90'-92'	1.5'	NA	4,4,4,6	Tan fine grained silty sand.	Wet. No odor.
			NA			



MONITORING WELL CONSTRUCTION DETAIL

FLUSH-MOUNT
MANHOLE AT GRADE



PROJECT: CDC-FF
WELL ID: MW-4-75

DRILLING SUMMARY

Drilling Co.: ADT
 Drillers: Shaun/Jamie
 Drill Rig Make/Model: Mobile Rig
 Borehole Diameters: 8" hole, 6" ID augers
 Total Depth: 75 feet
 Depth to Water: ~41 feet
 Supervisory Scientist: Deborah Shapiro

WELL DESIGN

Casing Material: PVC Schedule 40
 Diameter / Length: 2" / 65 feet
 Screen Material: PVC Schedule 40
 Diameter / Length: 2" / 10 feet
 Slot Size / Setting: 10 slot, 75 to 65 feet bls
 Filter Material / Setting: No 1 Morie sand, 75 to 63 feet bls
 Seals Material / Setting: Bentonite, 63 to 48 ft bls.
 Grout / Setting: Backfill to surface
 Surface Casing Material / Setting: flush mounted manhole

TIME LOG

	Started	Completed
Drilling: 11/11/05	1330	1500
Development: 11/17/05		

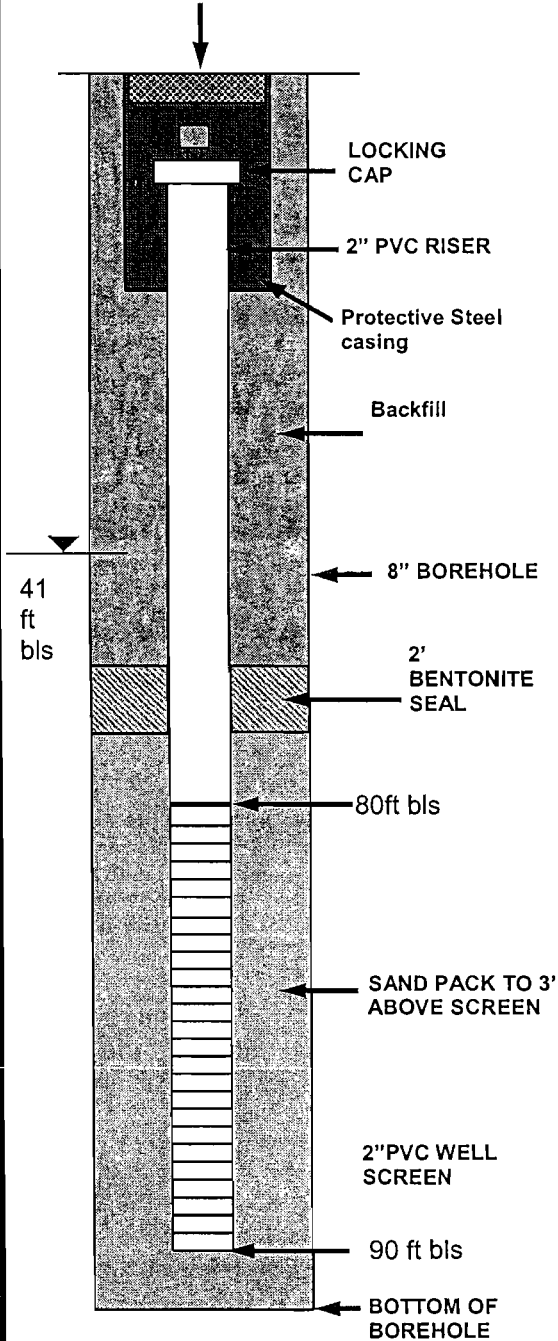
WELL DEVELOPMENT

Method: Grundfos pump
 Static Depth to Water: 40.56 feet
 Pumping Rate: Approx 3 gpm
 Volume Pumped: 180 gals
 Turbidity: Slightly cloudy/clear



MONITORING WELL CONSTRUCTION DETAIL

FLUSH-MOUNT
MANHOLE AT GRADE



PROJECT: CDC-FF
WELL ID: MW-4-90

DRILLING SUMMARY

Drilling Co.: ADT
 Drillers: Shaun/Jamie
 Drill Rig Make/Model: Mobile Rig
 Borehole Diameters: 8" hole, 6" ID augers
 Total Depth: 90 feet
 Depth to Water: ~41 feet
 Supervisory Scientist: Deborah Shapiro

WELL DESIGN

Casing Material: PVC Schedule 40
 Diameter / Length: 2" / 80 feet
 Screen Material: PVC Schedule 40
 Diameter / Length: 2" / 10 feet
 Slot Size / Setting: 10 slot, 80 to 90 feet bls
 Filter Material / Setting: No 1 Morie sand, 90 to 77 feet bls
 Seals Material / Setting: Bentonite, 77 to 75 ft bls.
 Grout / Setting: 75-63 no. 1 Morie sand; 63-48' grout; backfill to surface
 Surface Casing Material / Setting: flush mounted manhole

TIME LOG

	Started	Completed
Drilling:	11/11/05 1130	1330
Development:	11/17/05	

WELL DEVELOPMENT

Method: Grunfos pump
 Static Depth to Water: 40.22 feet
 Pumping Rate: Approx 3 gpm
 Volume Pumped: 180 gals
 Turbidity: Slightly cloudy/clear

Distribution List

Sal Panico

Cord Meyer Development, LLC

Miriam Villani, Esq.

Farrell Fritz

Jacqueline Nealon

NYSDOH

Rosalie K. Rusinko, Esq.,

NYSDEC-Tarrytown