Post Remediation Groundwater Monitoring Report
Operable Unit – 1 (OU-1)
Utility Manufacturing Company
700 Main Street
Westbury, New York

July 2005

Prepared for:

Utility Manufacturing Company
700 Main Street
Westbury, New York

Prepared by:

CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, New York 11803

CA RICH
ENVIRONMENTAL SPECIALISTS

e-mail: eweinstock@carichinc.com

July 29, 2005

NYSDEC
Division of Hazardous Waste Remediation
625 Broadway
Albany, New York 12233-7015

Attention: Jeffrey Dyber, P.E.

Re: **Post-Remediation Groundwater Monitoring Report**
Operable Unit – 1 (OU-1)
Utility Manufacturing Company
700 Main Street
Westbury, New York
Site Number: 130043H

Dear Mr. Dyber:

CA RICH Consultants, Inc. (CA RICH) is pleased to provide you with the following Post-Remediation Groundwater Monitoring Report for OU-1 of the Utility Manufacturing site. This Report was prepared by CA RICH on behalf of the Utility Manufacturing Company (Utility) in accordance with an Order on Consent, Index Number W1-0795-97-06. For the purposes of this document, the contaminants of concern were perchloroethene (a.k.a. PCE or tetrachloroethene); trichloroethene (TCE); 1,1,1-trichloroethane (TCA) and their degradation products.

This Report includes the following items:

- Background;
- Post-Remediation Groundwater Monitoring Procedures;
- Post-Remediation Groundwater Monitoring Reporting;
- Schedule; and
- Summary and Conclusions.

In accordance with the Post Remediation Monitoring Plan for this site, three years of required post-remediation monitoring have been performed. Based on the analytical results from the monitoring wells we believe that the monitoring program should now be deemed complete.

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

Sincerely,

CA RICH CONSULTANTS, INC.

Eric A. Weinstock
Associate

cc: Audie Kranz
Miriam Villani, Esq.
Alali Tamuno, Esq.
Jacqueline Nealson

Post-Remediation Groundwater Monitoring Report
Operable Unit – 1 (OU-1)
Utility Manufacturing Company
700 Main Street
Westbury, New York
Site Number: 130043H

1.0 Background

An Interim Remedial Measure (IRM) was performed at the Utility site from September 2001 through December 2002. This consisted of the installation of two air sparge points, two clustered soil vapor extraction wells and a multi-depth clustered monitoring well. An air compressor, regenerative blower and carbon units were installed in an equipment container located on the property. The air sparging/soil vapor extraction system operated from November 15, 2001 to December 19, 2002. In accordance with the IRM Work Plan, operation of the air sparging/soil vapor extraction system ceased after collection of the Fourth Quarter 2002 round of groundwater monitoring.

A series of previous reports were generated for this site by both the NYSDEC and Utility. The following is a partial list of these previous documents.

Investigation	Date
NYS Superfund Contract, Site Investigation Report New Cassel Industrial Area (Ref. 1)	February 1995
NYS Superfund Contract, Multisite PSA Report New Cassel Industrial Area (Ref. 2)	March 1996
NYS Superfund Contract, Multisite PSA Report New Cassel Industrial Area (Ref. 3)	March 1997
Focused Remedial Investigation, Utility Manufacturing/ Wonder King, Anson Environmental, Ltd. (Ref. 4)	January 1999
On-Site Groundwater Investigation, Utility Manufacturing/ Wonder King, Anson Environmental, Ltd. (Ref. 5)	December 2000
Interim Remedial Measures Work Plan Utility Manufacturing Company 700 Main Street, Westbury, New York (Ref. 6)	August 2001
Interim Remedial Measures Report and Operation and Maintenance (O&M) Manual Utility Manufacturing Company 700 Main Street, Westbury, New York (Ref. 7)	December 2001
Quarterly Monitoring Report, Fourth Quarter 2002 Utility Manufacturing Company 700 Main Street, Westbury, New York (Ref. 8)	January 2003

2.0 Post-Remediation Groundwater Monitoring Procedures

A program of post-remediation groundwater monitoring was performed on the monitoring wells installed at this site. These wells include MW-1, MW-2, MW-3, MW-4, MW-5R, MW-6, MDCW-7S, MDCW-7I and MDCW-7D. The locations of the wells are presented on the attached Figure. The testing included halogenated volatile organic compounds using EPA Method 8021 or its equivalent.

A volume of at least three casing volumes of groundwater was purged from each monitoring well and collected in a container using a submersible pump. The samples were then collected directly from the pump discharge.

As the goal of this Plan was to obtain post-remedial confirmation of the air sparging/soil vapor extraction effort, the Quality Assurance/Quality Control (QA/QC) procedures were similar to those used during the operation of the remediation system. One sample from each well was collected and placed into laboratory issued bottles. These were in turn placed in an ice-filled cooler and delivered to an ELAP-Certified laboratory under Chain-Of-Custody documentation. Trip blanks, field blanks, duplicates and matrix spikes were performed.

3.0 Post-Remediation Groundwater Monitoring Reporting

When the sampling is completed and the results are received from the laboratory, a report is prepared. The report includes the following.

- A description of the work performed;
- The results of the laboratory analysis; and
- Graphs of the concentration of perchloroethene versus time.

The graphs are updated after each sampling round and a report is submitted to the NYSDEC.

4.0 Schedule

The groundwater monitoring program began five months from the time the air sparging and soil vapor extraction system was turned off, which corresponds to June 2003. Monitoring will be performed annually thereafter for a period of two years (i.e.: June 2003 to June 2005).

Graphs of the concentration of perchloroethene versus time are compiled after each round of monitoring. The post-remediation groundwater monitoring program will be deemed completed after the June 2003, June 2004 and June 2005 samples are analyzed and the VOC concentrations in site wells MW-4, MW-5R, MW-6 and MW-7S, 7I & 7D do not exceed all four of the following criteria:

- the concentration in the upgradient well or wells as determined by the NYSDEC;
- the highest concentration measured in any of the project wells during the third quarter 2002;
- the highest concentration measured in any of the project wells during the fourth quarter 2002;
- the NYSDEC groundwater standards.

If any analyte exceeds all four criteria in wells MW-4, MW-5R, MW-6 and MDCW-7S, 7I & 7D, the NYSDEC will determine if additional monitoring and/or remediation is necessary.

5.0 Summary and Conclusions

We believe that the results of the past three years of post-remediation monitoring confirm that the groundwater remediation program has been successful. The rational for this described below.

- Wells MW-1, 2 and 3 serve as upgradient monitoring points for the site. The concentration of PCE in these three wells ranged from non-detected to 22 ug/l.

- Wells MW-5R and MW-7I have historically displayed the highest VOC concentrations. All of the VOCs analyzed in these wells during the second quarter 2005 were either not-detected or below the drinking water standard for that parameter.

- The highest VOC detected in groundwater from an on-site well was 22 ug/l of cis-1,2-DEC in well MW-7S. This compound is a degradation product of both PCE and TCE.

In accordance with the Post Remediation Monitoring Plan for this site, we believe that the on-site groundwater treatment system has remediated the VOC contamination below the site and that this program of post remediation monitoring should now be deemed complete.

References

1. NYSDEC (February 1995), NYS Superfund Contract, Site Investigation Report, New Cassel Industrial Area.

2. NYSDEC, (March 1996), NYS Superfund Contract, Multisite PSA Report, New Cassel Industrial Area.

3. NYSDEC, (March 1997), NYS Superfund Contract, Multisite PSA Report, New Cassel Industrial Area.

4. Anson Environmental, Ltd., (January 1999), Focused Remedial Investigation, Utility Manufacturing/Wonder King,

5. Anson Environmental, Ltd , (December 2000), On-Site Groundwater Investigation, Utility Manufacturing/Wonder King.

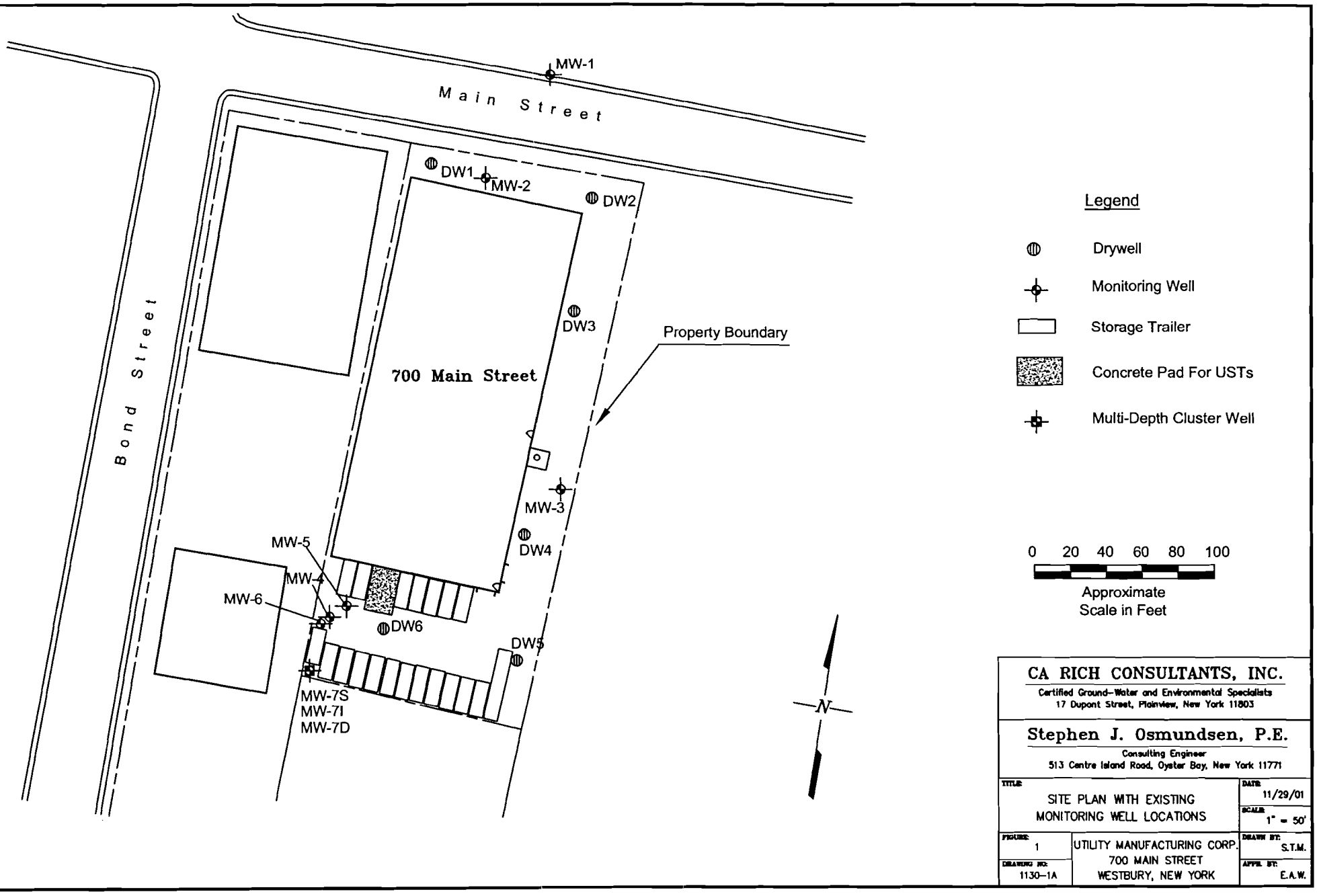
6. CA RICH, August 2001, Interim Remedial Measures Work Plan, Utility Manufacturing Company, 700 Main Street, Westbury, New York

7. CA RICH, December 2001, Interim Remedial Measures Report, Utility Manufacturing Company, 700 Main Street, Westbury, New York

8. CA RICH, January 2003, Quarterly Monitoring Report, Fourth Quarter 2002, Utility Manufacturing Company, 700 Main Street, Westbury, New York

9. CA RICH, April 2003, Post Remediation Monitoring Plan, Utility Manufacturing Company, 700 Main Street, Westbury, New York

FIGURES



CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

Stephen J. Osmundsen, P.E.
Consulting Engineer
513 Centre Island Road, Oyster Bay, New York 11771

TITLE: SITE PLAN WITH EXISTING MONITORING WELL LOCATIONS		DATE: 11/29/01
		SCALE: 1" = 50'
FIGURE: 1	UTILITY MANUFACTURING CORP. 700 MAIN STREET WESTBURY, NEW YORK	DRAWN BY: S.T.M.
DRAWING NO: 1130-1A		APPR. BY: E.A.W.

TABLES

Table 1
Summary of Analytical Detections in Well MW-1
Utility Manufacturing, Westbury, NY

Well ID	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	55 to 60	55 to 60	55 to 60	55 to 60	55 to 60	55 to 60	55 to 60	55 to 60		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021)										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	5.4	2.8	1.7	3.9	2.0	2.1	2.6	2.9		5.00
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Vinyl Chonde	ND	ND	ND	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

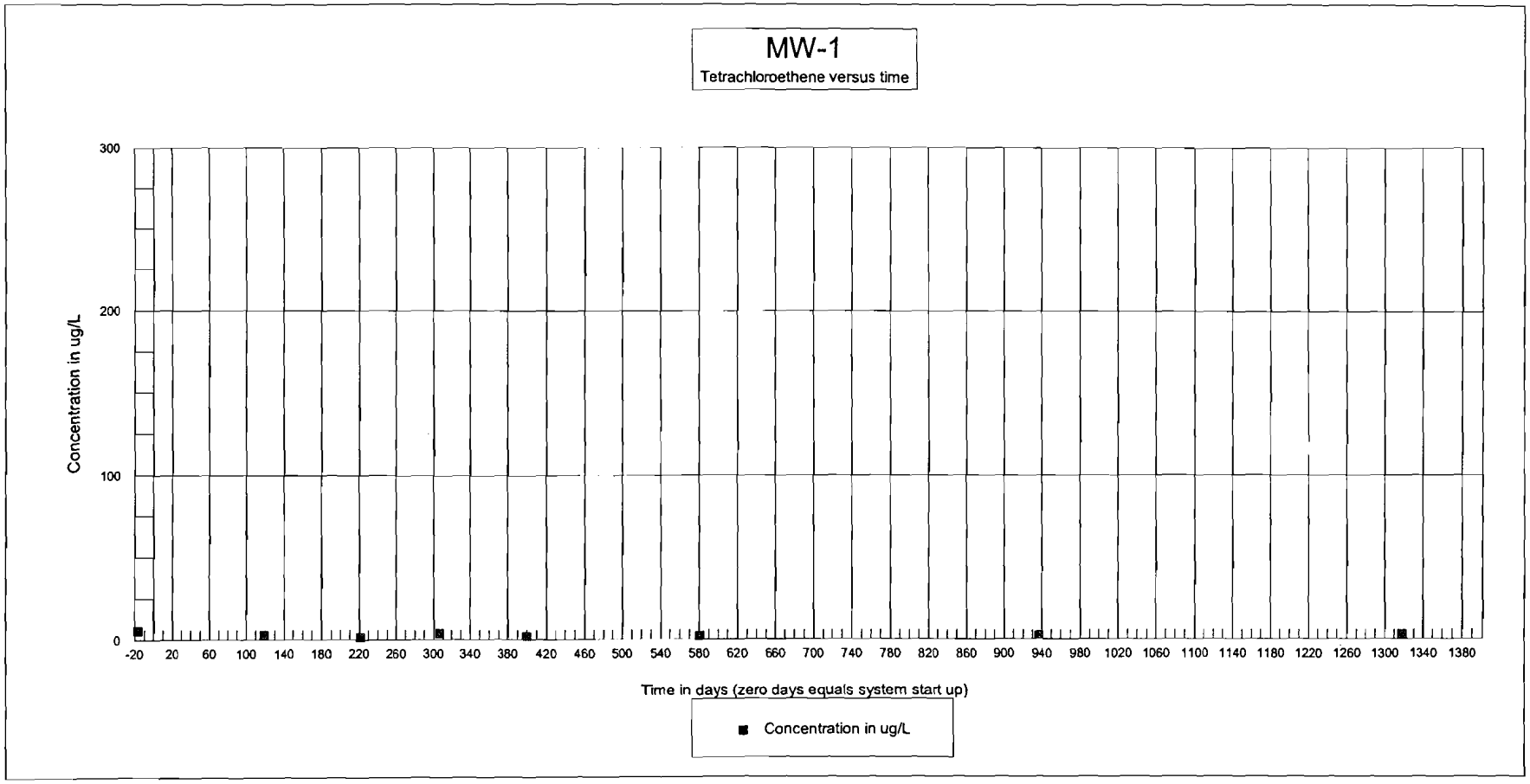

MW-1
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 660 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Time in days (zero days equals system start up)
Concentration in ug/L

Table 2
Summary of Analytical Detections in Well MW-2
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	dry	dry	dry	dry	dry	dry	dry			values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021)										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	dry	dry	dry	dry	dry	dry	dry	22		5.00
Trichloroethene	dry	dry	dry	dry	dry	dry	dry	6.4		5.00
cis-1,2-Dichloroethene	dry	dry	dry	dry	dry	dry	dry	ND		5.00
trans-1,2-Dichloroethene	dry	dry	dry	dry	dry	dry	dry	ND		5.00
Vinyl Choride	dry	dry	dry	dry	dry	dry	dry	ND		2.00
1,1,1 Trichloroethane	dry	dry	dry	dry	dry	dry	dry	ND		5.00
1,1 Dichloroethane	dry	dry	dry	dry	dry	dry	dry	ND		5.00
Chloroethane	dry	dry	dry	dry	dry	dry	dry	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

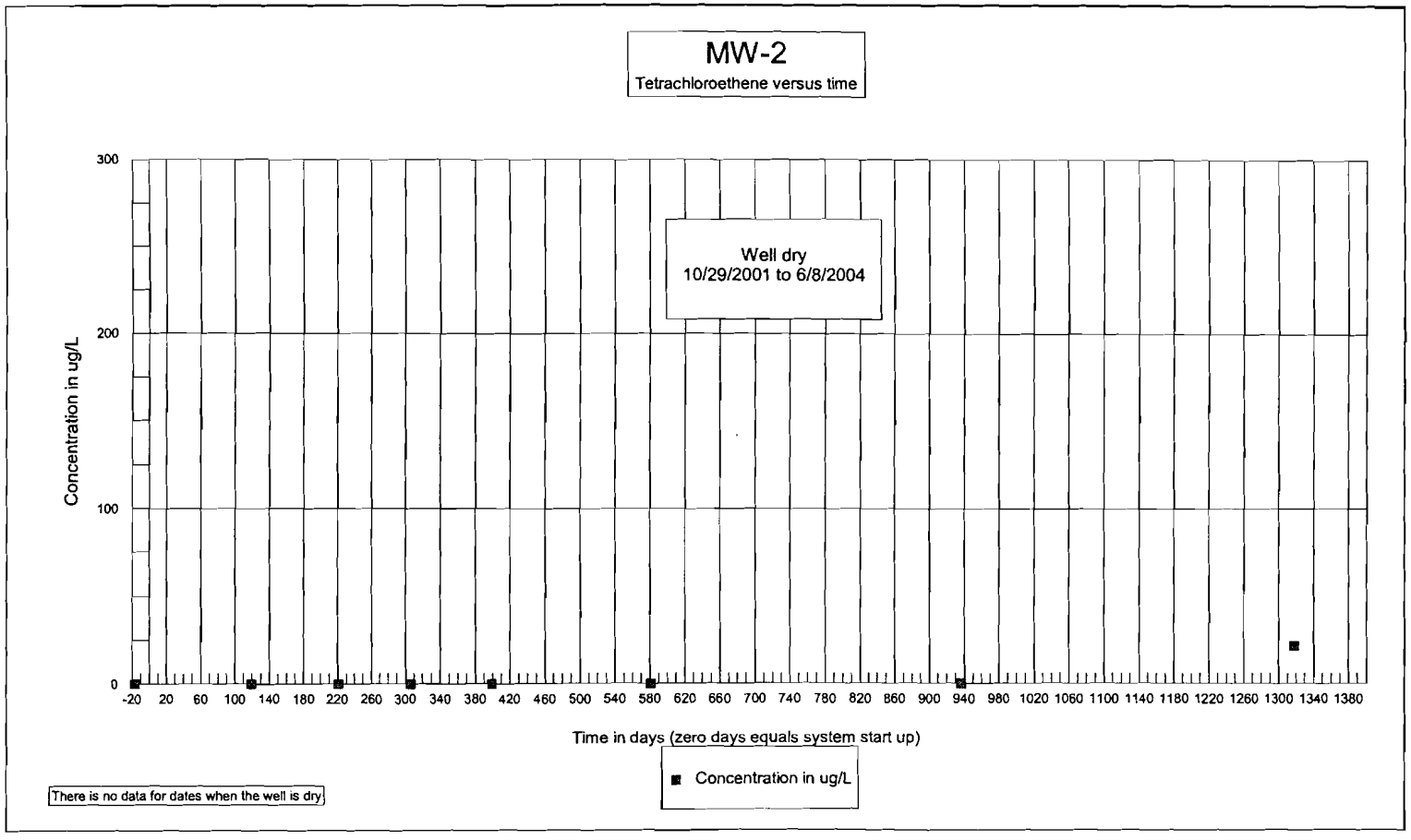

MW-2
Tetrachloroethene versus time
Well dry
10/29/2001 to 6/8/2004
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 660 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Time in days (zero days equals system start up)
Concentration in ug/L
There is no data for dates when the well is dry

Table 3
Summary of Analytical Detections in Well MW-3
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	55 to 70	55 to 70	55 to 70	55 to 70	55 to 70	55 to 70	55 to 70	55 to 70		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021)										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	49	14	15	20	13	8.8	1.4	ND		5.00
Trichloroethene	2.9	ND	ND	ND	ND	ND	ND	ND		5.00
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Vinyl Choride	ND	ND	ND	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	3.1	ND	ND	ND	ND	ND	ND	ND		5.00
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

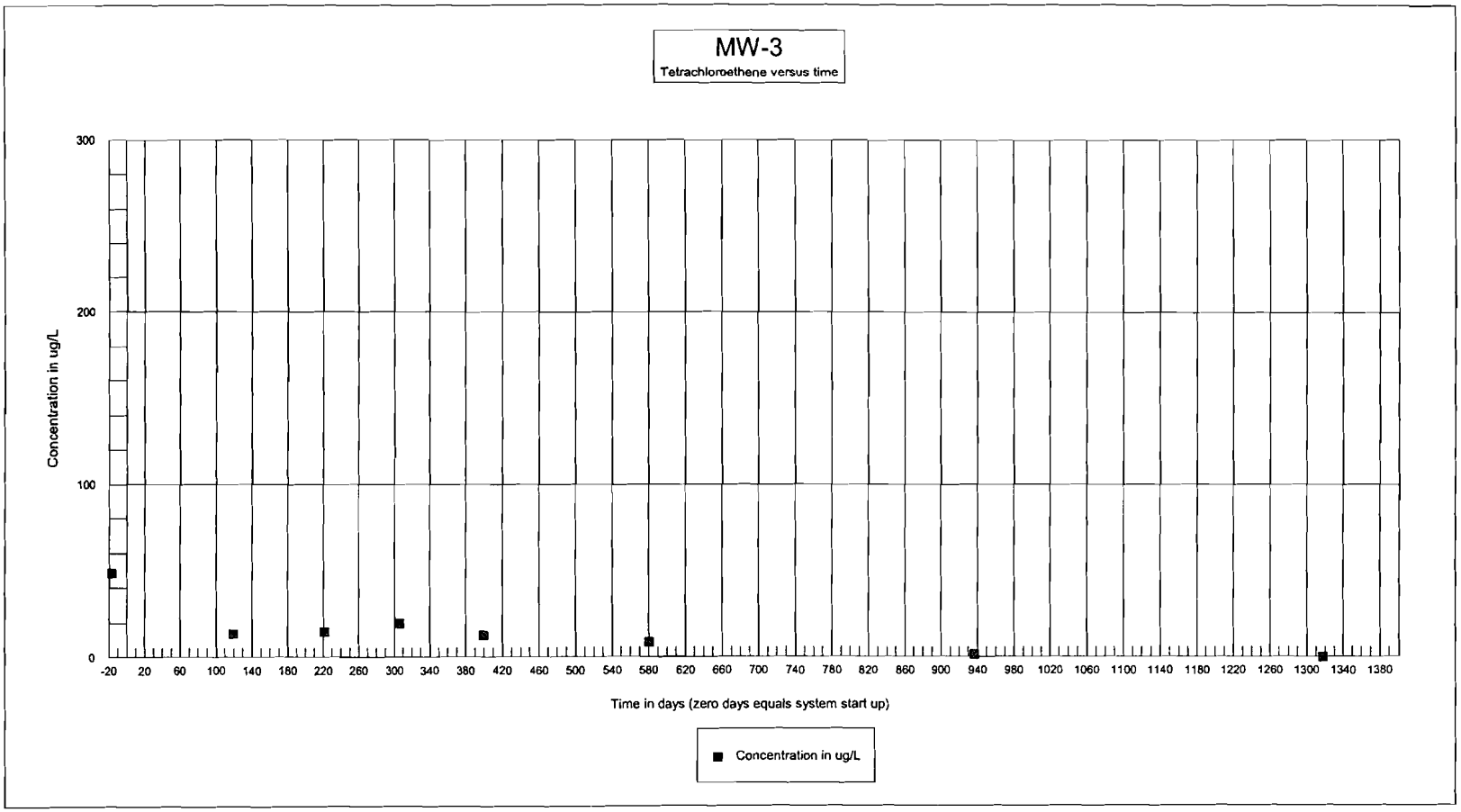

MW-3
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 660 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Time in days (zero days equals system start up)
Concentration in ug/L

Table 4
Summary of Analytical Detections in Well MW-4
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	dry	dry	29 to 39	29 to 39	29 to 39	29 to 39	dry			values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021)										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	dry	dry	1.4	5.8	8.6	2.9	dry	dry		5.00
Trichloroethene	dry	dry	1.4	4.6	2.8	ND	dry	dry		5.00
cis-1,2-Dichloroethene	dry	dry	ND	ND	ND	4.5	dry	dry		5.00
trans-1,2-Dichloroethene	dry	dry	ND	ND	ND	ND	dry	dry		5.00
Vinyl Chorìde	dry	dry	ND	ND	ND	ND	dry	dry		2.00
1,1,1 Trichloroethane	dry	dry	ND	ND	ND	ND	dry	dry		5.00
1,1 Dichloroethane	dry	dry	ND	ND	ND	ND	dry	dry		5.00
Chloroethane	dry	dry	ND	ND	ND	ND	dry	dry		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

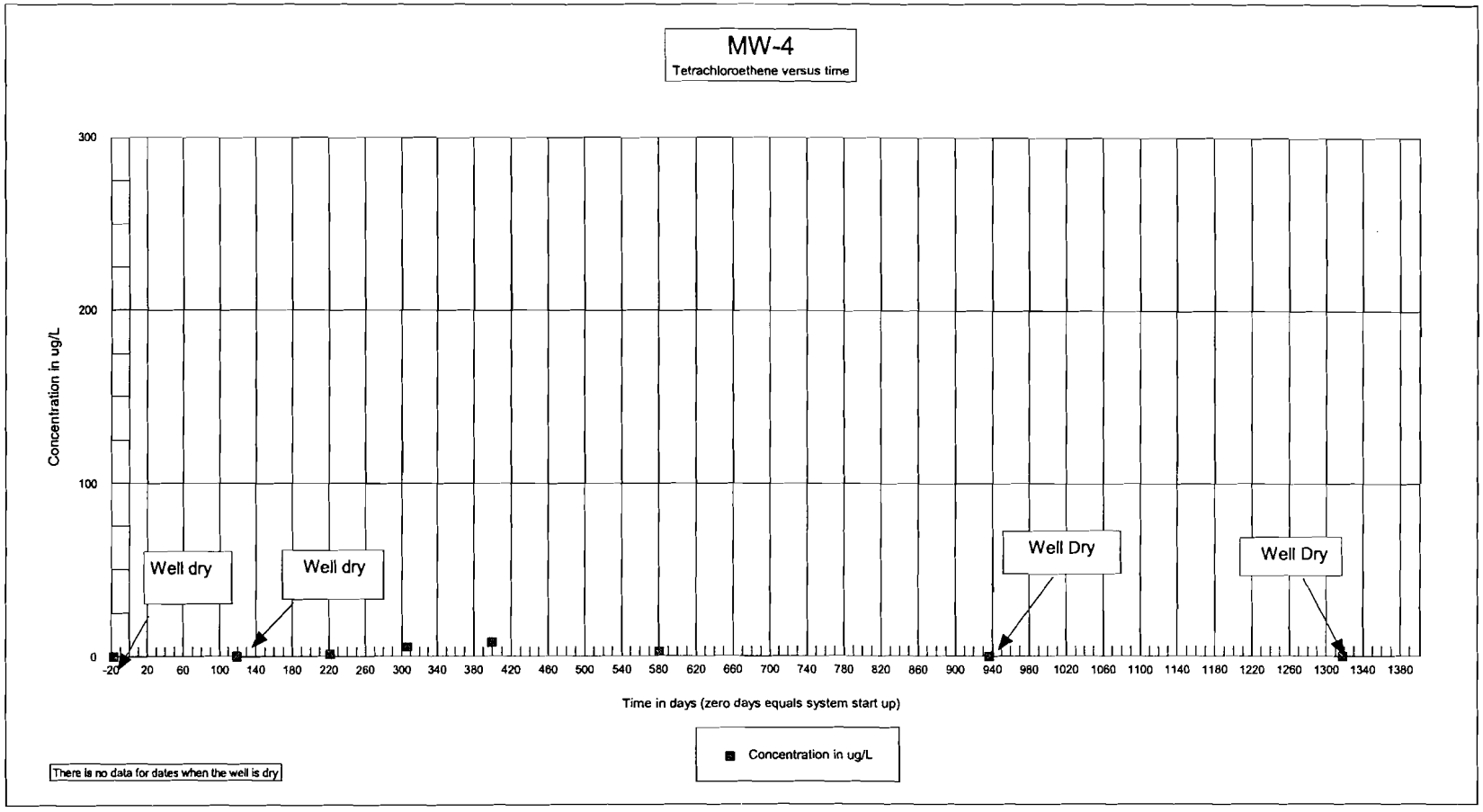

MW-4
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20
20
60
100
140
180
220
260
300
340
380
420
460
500
540
580
620
660
700
740
780
820
860
900
940
980
1020
1060
1100
1140
1180
1220
1260
1300
1340
1380
Well dry
Well dry
Well Dry
Well Dry
Time in days (zero days equals system start up)
Concentration in ug/L
There is no data for dates when the well is dry

Table 5
Summary of Analytical Detections in Well MW-5 (MW-5R)
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-5	MW-5	MW-5	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R*	MW-5R	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	55 to 61.5	dry	dry	59 to 70	59 to 70	59 to 70	59 to 70	59 to 70		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021) Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	220	dry	dry	1.6	ND	ND	1.0	ND		5.00
Trichloroethene	24	dry	dry	ND	ND	ND	ND	ND		5.00
cis-1,2-Dichloroethene	25	dry	dry	ND	ND	ND	ND	ND		5.00
trans-1,2-Dichloroethene	ND	dry	dry	ND	ND	ND	ND	ND		5.00
Vinyl Choride	ND	dry	dry	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	10	dry	dry	ND	ND	ND	ND	ND		5.00
1,1 Dichloroethane	ND	dry	dry	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	dry	dry	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

Prepared by CA Rich Consultants Inc.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Sample MW-99 on 6/24/05 is a duplciate of well MW-5R

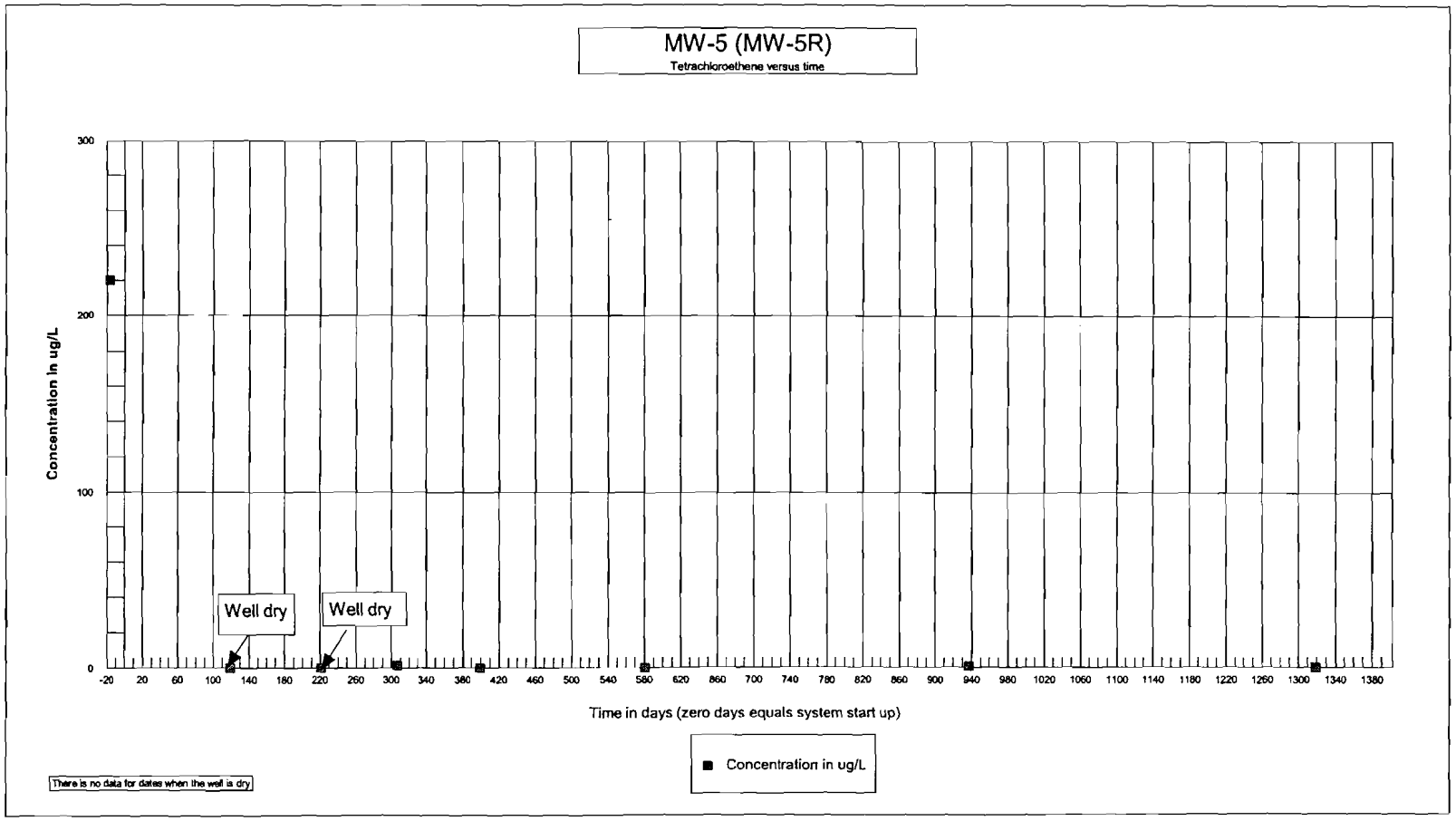

MW-5 (MW-5R)
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 860 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Well dry
Well dry
Time in days (zero days equals system start up)
Concentration in ug/L
There is no data for dates when the well is dry

Table 6
Summary of Analytical Detections in Well MW-6
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	55 to 95	55 to 95	55 to 95	55 to 95	55 to 95	55 to 95	55 to 90	55 to 90		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021) Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	40	46	8.6	12	5.9	0.4	2.0	1.5		5.00
Trichloroethene	4	3.7	ND	1.1	ND	ND	ND	ND		5.00
cis-1,2-Dichloroethene	8.9	13	4.1	5.8	ND	ND	1.9	3.9		5.00
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Vinyl Choride	ND	ND	ND	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	1.5	2.4	ND	ND	ND	ND	ND	ND		5.00
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

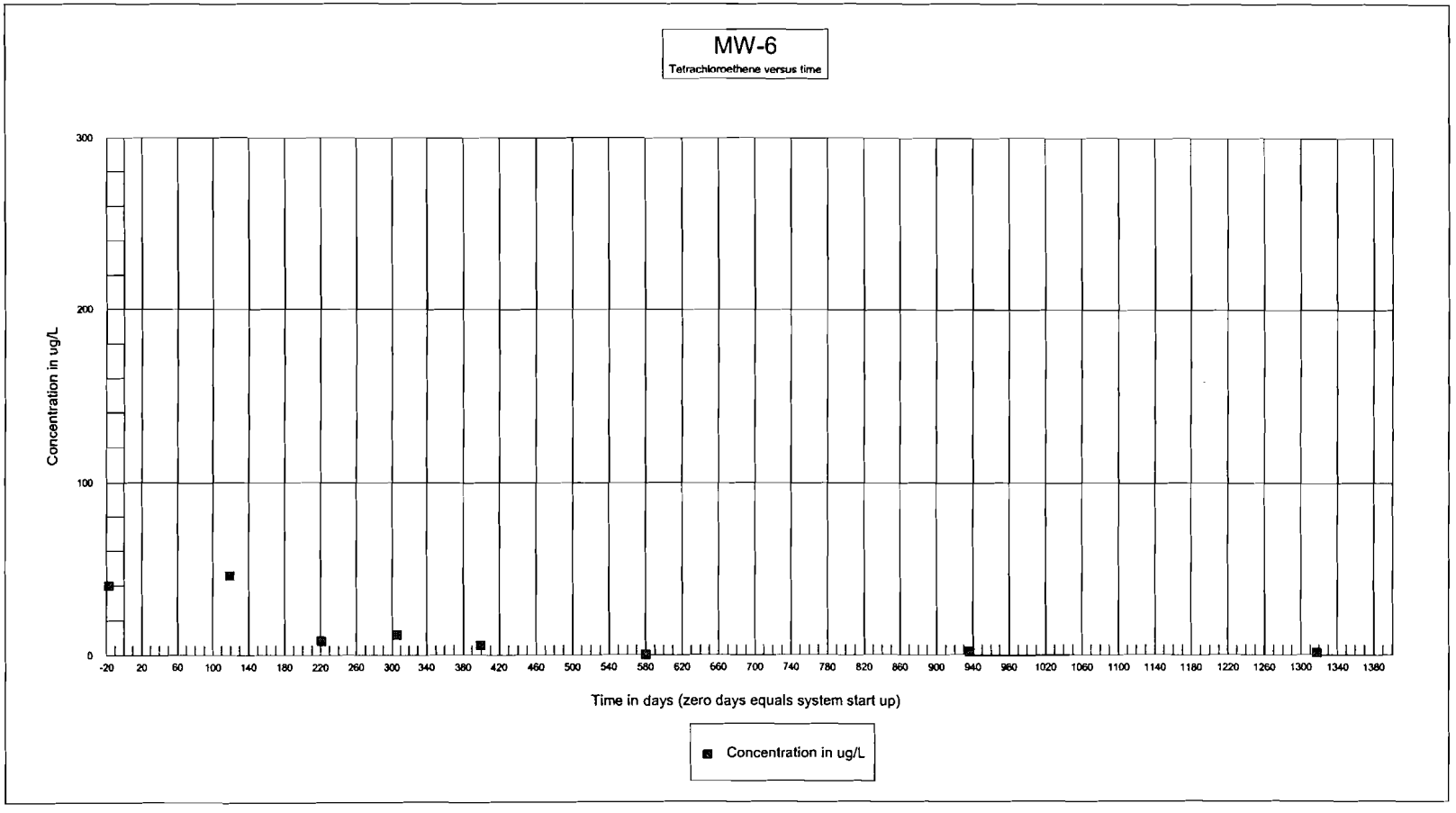

MW-6
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 660 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Time in days (zero days equals system start up)
Concentration in ug/L

Table 7
Summary of Analytical Detections in Well MW-7S
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	55 to70	55 to70	55 to70	55 to70	55 to70	55 to70	55 to 70	55 to 70		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021) Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	ND	31	8.6	5.6	3.3	2.2	2.0	ND		5.00
Trichloroethene	ND	2.7	ND	ND	ND	ND	1.6	ND		5.00
cis-1,2-Dichloroethene	ND	7.1	2.9	ND	ND	ND	28	22		5.00
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Vinyl Choride	ND	ND	ND	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	ND	1.5	ND	ND	ND	ND	ND	ND		5.00
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

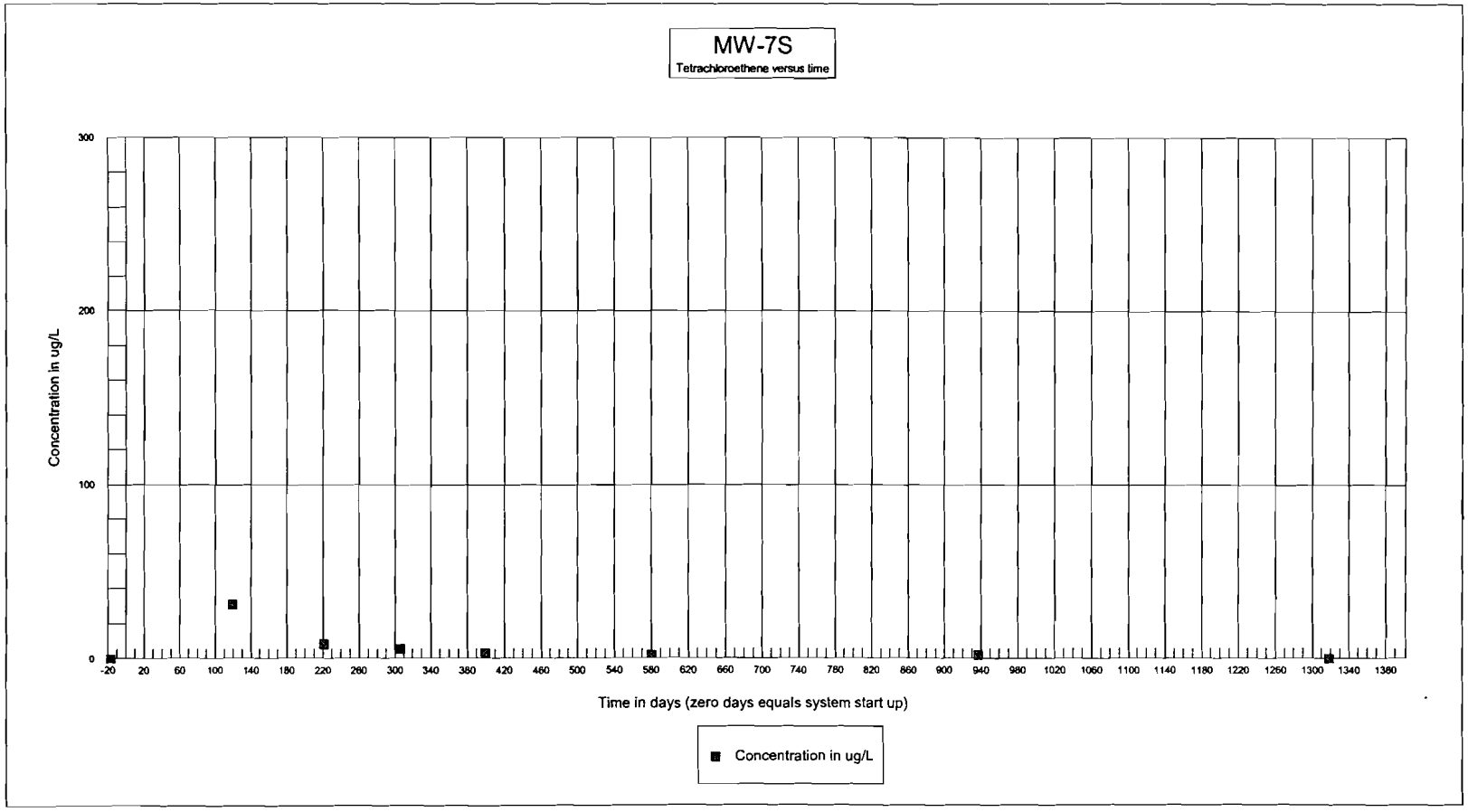

MW-7S
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 660 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Time in days (zero days equals system start up)
Concentration in ug/L

Table 8
Summary of Analytical Detections in Well MW-7I
for Volatile Organics Compounds in Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW--7I	MW--7I	MW--7I	MW--7I	MW--7I	MW--7I	MW--7I	MW--7I	MW--7I	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Sample depth in feet	78 to 88	78 to 88	78 to 88	78 to 88	78 to 88	78 to 88	78 to 88	78 to 88		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021)										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	260	ND	ND	ND	ND	ND	6.3	3.8		5.00
Trichloroethene	30	ND	ND	ND	ND	ND	ND	ND		5.00
cis-1,2-Dichloroethene	32	ND	ND	ND	ND	ND	ND	ND		5.00
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Vinyl Choride	ND	ND	ND	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	19	ND	ND	ND	ND	ND	ND	ND		5.00
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.

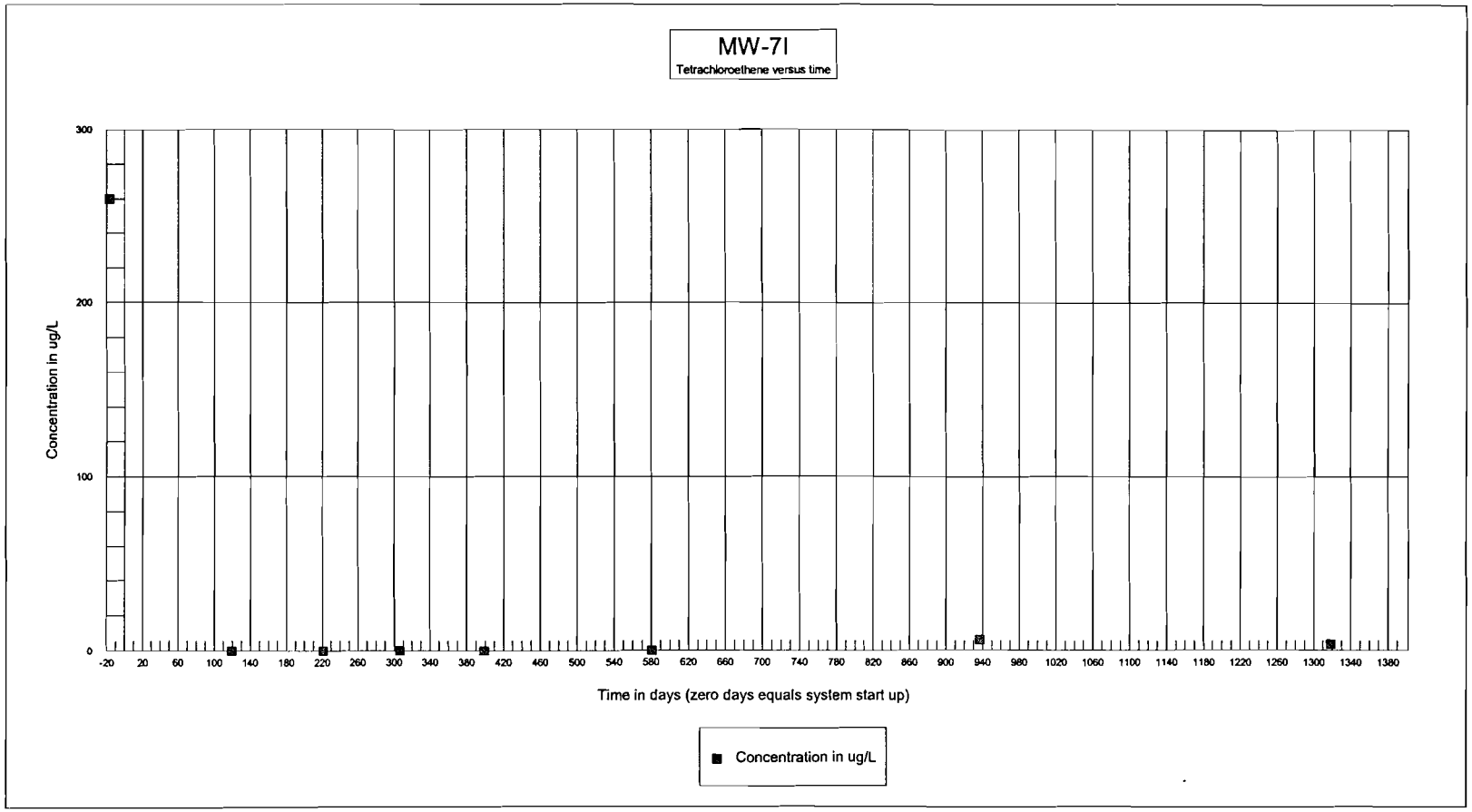

MW-7I
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20 20 60 100 140 180 220 260 300 340 380 420 460 500 540 580 620 660 700 740 780 820 860 900 940 980 1020 1060 1100 1140 1180 1220 1260 1300 1340 1380
Time in days (zero days equals system start up)
Concentration in ug/L

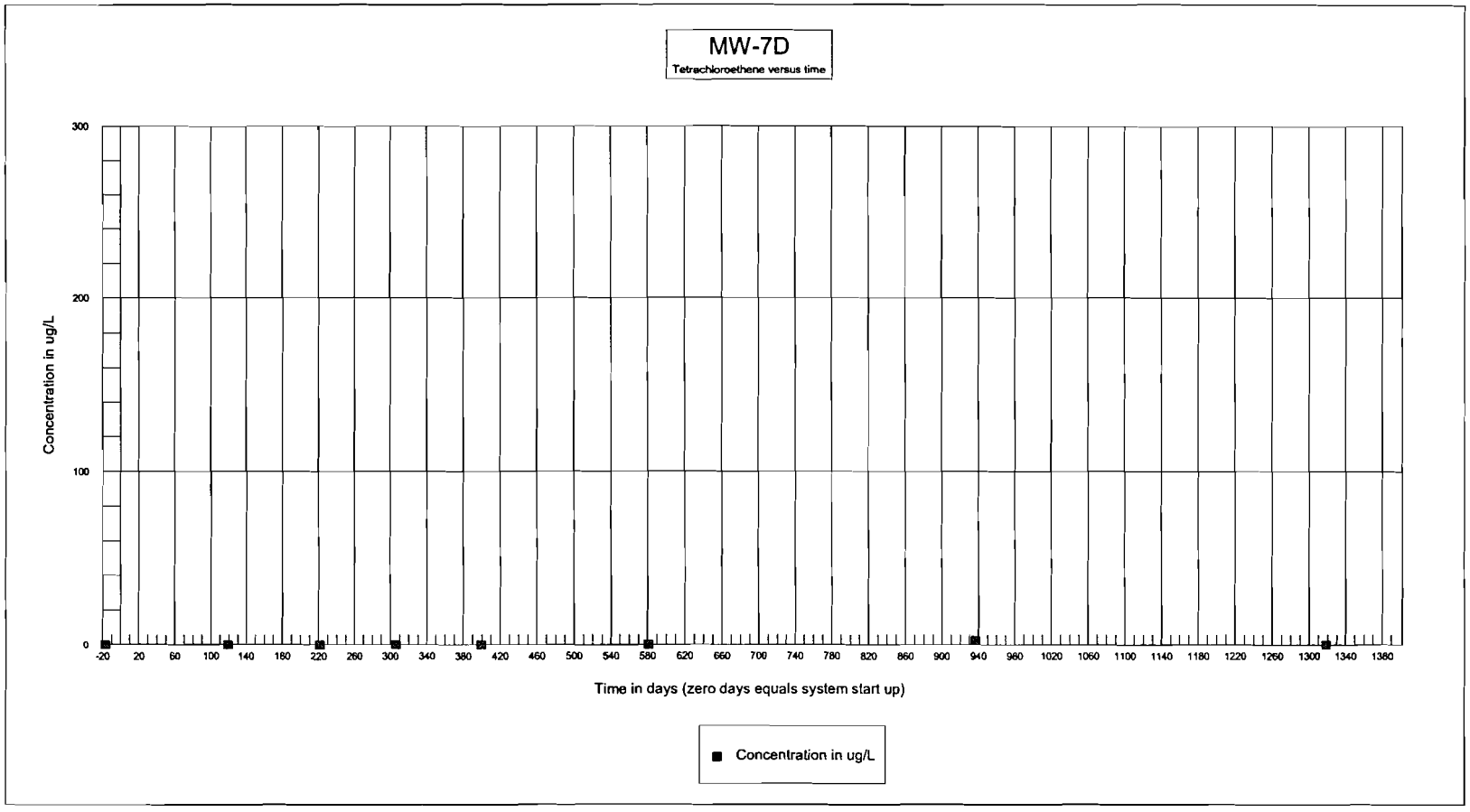
Table 9
Summary of Analytical Detections in Well MW-7D
for Volatile Organics Compounds In Groundwater
Utility Manufacturing, Westbury, NY

Well ID	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	NYSDEC
Comments/Calendar Quarter	Baseline Data	1 Qtr 2002	2 Qtr 2002	3 Qtr 2002	4 Qtr 2002	2 Qtr 2003	2 Qtr 2004	2 Qtr 2005		TOGS*
Depth in feet	95 to 105	95 to 105	95 to 105	95 to 105	95 to 105	95 to 105	95 to 105	95 to 105		values
Date Sampled	10/29/2001	03/14/2002	06/24/2002	09/17/2002	12/19/2002	06/18/2003	06/08/2004	06/24/2005		
Days since system start up	-17	119	221	306	399	580	936	1317		
Days since initial sample	0	136	238	323	416	597	953	1334		
Volatile Organics (EPA METHOD 8021)										
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Tetrachloroethene	ND	ND	ND	ND	ND	ND	2.6	ND		5.00
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Vinyl Choride	ND	ND	ND	ND	ND	ND	ND	ND		2.00
1,1,1 Trichloroethane	2.6	1.2	1.6	2.5	ND	ND	1.3	ND		5.00
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		5.00

Notes:
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.
Date of system start up: 11/15/2001

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; June 1998

Prepared by CA Rich Consultants Inc.


MW-7D
Tetrachloroethene versus time
Concentration in ug/L
300
200
100
0
-20
20
60
100
140
180
220
260
300
340
380
420
460
500
540
580
620
660
700
740
780
820
860
900
940
980
1020
1060
1100
1140
1180
1220
1260
1300
1340
1380
Time in days (zero days equals system start up)
Concentration in ug/L

APPENDIX A

Premier Environmental Services

DATA USABILTY SUMMARY REPORT (DUSR)
OF THE
UTILITY MANUFACTURING SITE

ORGANIC ANALYSES
IN AQUEOUS SAMPLES

CHEMTECH CONSULTING GROUP
MOUNTAINSIDE, NEW JERSEY

LABORATORY REPORT: T3393

August, 2005

Prepared for
C.A. Rich Consultants, Inc.
Plainview, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Volatile Organic Analyses**
SITE:	**Utility Manufacturing**
CONTRACT LAB:	**Chemtech Consulting Group Mountainside, New Jersey**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**August, 2005**
MATRIX:	**Aqueous**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

This data assessment is for ten (10) aqueous samples, one (1) Field Blank and one (1) Trip Blank sample. The samples were collected on June 23, 2005 and shipped to Chemtech located in Mountainside, New Jersey. The samples were received via overnight service at the laboratory on June 24, 2005. The cooler temperature was within QC limits upon receipt. The samples were analyzed for Volatile Organic Analytes (EPA Method 8021), as specified on the Chain of Custody (COC) documentation.

A cross-reference between Field Sample ID and Laboratory Sample ID is located in Table 1 of this report. A copy of definitions that may be used to qualify data results are located in Appendix A of this report. Copies of qualified data result pages are located in Appendix B of this report and a copy of Chain of Custody (COC) documentation associated with sampling event is located in Appendix C.

ORGANIC DATA ASSESSMENT

1. OVERVIEW:

The ten (10) aqueous, one (1) Field Blank and one (1) Trip Blank sample were analyzed as per the Chain of Custody (COC) documentation. The samples were analyzed using EPA Test Methods for the Evaluation of Solid Waste (SW 846), Method 8021. The Halogenated VOA analytes were to be reported. Proper custody transfer of the samples was documented in the laboratory reports. Cooler temperature was within QC limits. Sample preservation was checked prior to analysis. All samples in this data set were properly preserved.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Preserved volatile organic analyses are required to be analyzed within 10 days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly preserved aqueous samples is 14 days from collection.

The preserved groundwater samples associated with this data set were analyzed within ten (10) days of VTSR.

3. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate the overall laboratory performance and the efficiency of the analytical technique. If the measured surrogate concentrations are outside the QC limits, qualifiers were applied to the effected samples.

Each sample was spiked with the surrogate compounds 1,4-Dichlorobutane and Bromochlorobenzene. Surrogate recovery limits of 60-140% were utilized by the laboratory. The percent recovery of each surrogate met QC criteria in all field and QC samples associated with each data set.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. The laboratory used the in-house generated recovery criteria and RPD (precision) data for reporting purposes.

The laboratory performed aqueous MS/MSD analysis on sample MW-3. The MS/MSD were spiked with each of the Volatile Organic Compounds reported. The recovery of all analytes met in house QC criteria (50-150%) in the MS sample. All recovery criteria were met in the MSD sample. The RPD of Chloromethane (40%), Vinyl Chloride (23%) and Bromomethane (26%) did not meet QC criteria.

Data qualification was not made based on the data associated with the MS/MSD sample analysis alone.

ORGANIC DATA ASSESSMENT

5. BLANK SPIKE ANALYSIS:

The NY ASP protocol requires that a blank spike analysis be performed with each sample batch. The blank spike analysis is used to insure that the analytical system is in control. The laboratory applied in-house recovery limits for each analyte.

The laboratory performed one blank spike analysis with this data set. The sample was spiked with all reported analytes. All spike recoveries in the blank spike sample met QC criteria.

6. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Samples are then qualified based on blank contamination when detected.

A) Method Blank contamination

Three (3) method blank analyses are associated with this data set. Each of the method blanks sample associated with this data set was free from contamination of target analytes.

B) Field Blank contamination

The Field Blank sample associated this data set was free from contamination of target analytes.

C) Trip Blank contamination

The Trip Blank sample associated this data set was free from contamination of target analytes.

ORGANIC DATA ASSESSMENT

7. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance.

One calibration curve is associated with these sample analyses. The laboratory performed an initial multi level calibration using the standards 5 ppb through 75 ppb on June 27, 2005. Halogenated Volatile Organic compounds were reported from the Hall detector. The %RSD of all compounds met QC criteria with the exception of Dichlorodifluoromethane (30%), Chloromethane (22%). The correlation coefficient of each of these analytes met QC criteria. Six (6) continuing calibration standards are associated with the samples in this data set. The continuing calibrations standard analyzed 6/28/05 (U062716) met QC criteria for all analytes with the exception of Bromoform (24%) and 1,2-Dibromo-3-Chloropropane (57%). The continuing calibrations standard analyzed 6/28/05 (U062802) met QC criteria for all analytes with the exception of Dichlorodifluoromethane (31%), Chloromethane (49%), 1,1-Dichloroethene (18%), 2,2-Dichloropropane/cis 1,2-Dichloroethene(18%), Bromoform (23%) and 1,2-Dibromo-3-Chloropropane (38%). The continuing calibrations standard analyzed 6/29/05 (U062834) met QC criteria for all analytes with the exception of Chloromethane (17%), Chloroform (16%), Bromoform (33%) and 1,2-Dibromo-3-Chloropropane (53%). The continuing calibrations standard analyzed 6/29/05 (U062844) met QC criteria for all analytes with the exception of Dichlorodifluoromethane (23%), 1,1-Dichloroethene (17%), trans-1,3-Dichloropropene (19%), Bromoform (31%) and 1,2-Dibromo-3-Chloropropane (51%). The continuing calibrations standard analyzed 6/30/05 (U063002) met QC criteria for all analytes with the exception of Dichlorodifluoromethane (18%), Chloromethane (21%), Bromoform (27%) and 1,2-Dibromo-3-Chloropropane (61%). The continuing calibrations standard analyzed 6/30/05 (U063009) met QC criteria for all analytes with the exception of Dichlorodifluoromethane (17%), Chloromethane (16%), 1,1-Dichloroethene (22%), 2,2-Dichloropropane/cis 1,2-Dichloroethene (23%), Bromoform (33%)and 1,2-Dibromo-3-Chloropropane.

The laboratory also reported the percent recovery of the continuing calibration standard. The recovery of all of the compounds with the exception of Dichlorodifluoromethane was slightly above the QC limit (85-115%). Due to the %D outlier (>15%), data qualifiers have been added to the associated field samples. These analytes were not detected, therefore, the qualifier "UJ" estimated was added to each target analyte result.

Qualified data result pages are located in Appendix B of this report.

8. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC by using the analyte's relative retention time (RRT) for qualitative identification. Quantitative concentrations are determined with the use of external standard technique from the initial multilevel calibration curve. Samples associated with this data set were reported from the Hall detector. Compounds were reported from the primary detector that were above the laboratory method detection limit.

The samples in this data set were analyzed without dilution. All samples were reported in accordance with the cited method. The laboratory reported all positive results above the method detection limits. Results between the method detection limit and the reporting limit were qualified "J" estimated by the laboratory. The correct quantitation and identification criteria were used for all reported analytes.

ORGANIC DATA ASSESSMENT

9. FIELD DUPLICATE ANALYSIS:

Field duplicate samples are collected and analyzed as an indication of overall precision. These results of field duplicate samples are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples.

Field duplicate sample analysis was performed on sample MW-5R in this data set. A review of the duplicate sample data was performed. Target analytes were not detected in either field duplicate sample.

10. OVERALL ASSESSMENT:

Analytical QC criteria was met for these analyses. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package. The data provided for this data set is acceptable for use, with the noted data qualifiers.

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TABLE 1

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Premier Environmental Services

CLIENT SAMPLE ID	LABORATORY SAMPLE ID
MW-1	T3393-1
MW-2	T3393-2
MW-3	T3393-3
MW-5R	T3393-4
MW-6	T3393-5
MDCW-7S	T3393-6
MDCW-7I	T3393-7
MDCW-7D	T3393-8
MW-99	T3393-9
PW62305	T3393-10
MW-3MS	T3393-11
MW-3MSD	T3393-12
FIELD BLANK	T3393-13
TRIP BLANK	T3393-14

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Premier Environmental Services

APPENDIX A

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

DATA QUALIFIER DEFINITIONS

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

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

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

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

R - The sample results are unreliable/unusable. The presence or absence of the analyte cannot be verified.

K – The analyte is present. The reported value may be biased high. The actual value is expected to be lower than reported.

L - The analyte is present. The reported value may be biased low. The actual value is expected to be higher than reported.

UL – The analyte was not detected, and the reported quantitation limit is probably higher than reported.

Premier Environmental Services

APPENDIX B

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-1	SDG No.:	T3393
Lab Sample ID:	T3393-01	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062714.RA	1	6/27/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	2.9	J	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	MW-1	**SDG No.:**	T3393
Lab Sample ID:	T3393-01	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062714.RA	1	6/27/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	34.175	114 %	40 - 160		SPK: 30
	Bromochlorobenzene	19.161	64 %	40 - 160		SPK: 30

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-2	SDG No.:	T3393
Lab Sample ID:	T3393-02	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062715.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	6.4		5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	22		5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	MW-2	**SDG No.:**	T3393
Lab Sample ID:	T3393-02	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062715.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 U J	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	33.141	110 %	40 - 160		SPK: 30
	Bromochlorobenzene	19.098	64 %	40 - 160		SPK: 30

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-3	SDG No.:	T3393
Lab Sample ID:	T3393-03	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062717.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-3	SDG No.:	T3393
Lab Sample ID:	T3393-03	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062717.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	34.292	114 %	40 - 160		SPK: 30
	Bromochlorobenzene	19.062	64 %	40 - 160		SPK: 30

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-5R	SDG No.:	T3393
Lab Sample ID:	T3393-04	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062718.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-5R	SDG No.:	T3393
Lab Sample ID:	T3393-04	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062718.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	32.724	109 %	40 - 160		SPK: 30
	Bromochlorobenzene	18.735	62 %	40 - 160		SPK: 30

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-6	SDG No.:	T3393
Lab Sample ID:	T3393-05	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062719.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	3.9	J	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.5	J	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-6	SDG No.:	T3393
Lab Sample ID:	T3393-05	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062719.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	30.465	102 %	40 - 160		SPK: 30
	Bromochlorobenzene	17.239	57 %	40 - 160		SPK: 30

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MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MDCW-7S	SDG No.:	T3393
Lab Sample ID:	T3393-06	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062720.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	22		10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MDCW-7S	SDG No.:	T3393
Lab Sample ID:	T3393-06	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062720.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	28.844	96 %	40 - 160		SPK: 30
	Bromochlorobenzene	16.313	54 %	40 - 160		SPK: 30

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	MDCW-7I	**SDG No.:**	T3393
Lab Sample ID:	T3393-07	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062721.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	3.8	J	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MDCW-7I	SDG No.:	T3393
Lab Sample ID:	T3393-07	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062721.RA	1	6/28/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	31.187	104 %	40 - 160		SPK: 30
	Bromochlorobenzene	17.525	58 %	40 - 160		SPK: 30

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	MDCW-7D	**SDG No.:**	T3393
Lab Sample ID:	T3393-08	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062838.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7 UJ	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8 UJ	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9 UJ	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MDCW-7D	SDG No.:	T3393
Lab Sample ID:	T3393-08	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062838.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	25.797	86 %	40 - 160		SPK: 30
	Bromochlorobenzene	14.686	49 %	40 - 160		SPK: 30

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-99	SDG No.:	T3393
Lab Sample ID:	T3393-09	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U063005.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9 UJ	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5 UJ	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

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Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	MW-99	SDG No.:	T3393
Lab Sample ID:	T3393-09	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U063005.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 U J	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	32.313	108 %	40 - 160		SPK: 30
	Bromochlorobenzene	18.045	60 %	40 - 160		SPK: 30

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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	PW62305	SDG No.:	T3393
Lab Sample ID:	T3393-10	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062840.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	2.4	J	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7 UJ	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8 UJ	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9 UJ	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	PW62305	**SDG No.:**	T3393
Lab Sample ID:	T3393-10	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062840.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 U J	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	26.891	90 %	40 - 160		SPK: 30
	Bromochlorobenzene	16.414	55 %	40 - 160		SPK: 30

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	FIELDBLANK	**SDG No.:**	T3393
Lab Sample ID:	T3393-13	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062836.RA	1	6/29/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5 UJ	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8 UJ	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9 UJ	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	FIELDBLANK	SDG No.:	T3393
Lab Sample ID:	T3393-13	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062836.RA	1	6/29/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	26.794	89 %	40 - 160		SPK: 30
	Bromochlorobenzene	15.502	52 %	40 - 160		SPK: 30

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	Date Collected:	6/23/05
Project:	utility	Date Received:	6/24/05
Client Sample ID:	TRIPBLANK	SDG No.:	T3393
Lab Sample ID:	T3393-14	Matrix:	WATER
Analytical Method:	8021	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062837.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.8 UJ	U	5.0	0.8	ug/L
74-87-3	Chloromethane	0.3 UJ	U	5.0	0.3	ug/L
75-01-4	Vinyl Chloride	0.2	U	5.0	0.2	ug/L
74-83-9	Bromomethane	0.6	U	5.0	0.6	ug/L
75-00-3	Chloroethane	0.7	U	5.0	0.7	ug/L
75-69-4	Trichlorofluoromethane	0.7	U	5.0	0.7	ug/L
	2,2DCPRPA+Cis1,2Dichloroethene	0.9	U	10	0.9	ug/L
75-35-4	1,1-Dichloroethene	0.7 UJ	U	5.0	0.7	ug/L
75-09-2	Methylene Chloride	1.6	U	5.0	1.6	ug/L
156-60-5	Trans-1,2-Dichloroethene	0.7	U	5.0	0.7	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	5.0	0.5	ug/L
56-23-5	Carbon Tetrachloride	0.9	U	5.0	0.9	ug/L
74-97-5	Bromochloromethane	0.6	U	5.0	0.6	ug/L
67-66-3	Chloroform	0.8 UJ	U	5.0	0.8	ug/L
71-55-6	1,1,1-Trichloroethane	0.6	U	5.0	0.6	ug/L
563-43-2	1,1-Dichloropropene	0.9	U	5.0	0.9	ug/L
107-06-2	1,2-Dichloroethane	0.7	U	5.0	0.7	ug/L
79-01-6	Trichloroethene	0.8	U	5.0	0.8	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	5.0	0.5	ug/L
74-95-3	Dibromomethane	0.9	U	5.0	0.9	ug/L
75-27-4	Bromodichloromethane	0.8	U	5.0	0.8	ug/L
10061-02-6	Trans-1,3-dichloropropene	0.9UJ	U	5.0	0.9	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.7	U	5.0	0.7	ug/L
79-00-5	1,1,2-Trichloroethane	0.8	U	5.0	0.8	ug/L
142-28-9	1,3-Dichloropropane	0.9	U	5.0	0.9	ug/L
124-48-1	Dibromochloromethane	0.4	U	5.0	0.4	ug/L
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	ug/L
108-90-7	Chlorobenzene	0.7	U	5.0	0.7	ug/L
630-20-6	1,1,1,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L
75-25-2	Bromoform	0.6 UJ	U	5.0	0.6	ug/L
79-34-5	1,1,2,2 Tetrachloroethane	0.9	U	5.0	0.9	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	CA Rich Consultants, INC.	**Date Collected:**	6/23/05
Project:	utility	**Date Received:**	6/24/05
Client Sample ID:	TRIPBLANK	**SDG No.:**	T3393
Lab Sample ID:	T3393-14	**Matrix:**	WATER
Analytical Method:	8021	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
U062837.RA	1	6/30/05	VA062705

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
96-18-4	1,2,3-Trichloropropane	0.8	U	5.0	0.8	ug/L
108-86-1	Bromobenzene	0.4	U	5.0	0.4	ug/L
95-49-8	2-Chlorotoluene	0.9	U	5.0	0.9	ug/L
106-43-4	4-Chlorotoluene	0.6	U	5.0	0.6	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.0 UJ	U	5.0	1.0	ug/L
87-68-3	Hexachlorobutadiene	0.8	U	5.0	0.8	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	ug/L
SURROGATES						
75-25-2	1,4 Dichlorobutane	27.43	91 %	40 - 160		SPK: 30
	Bromochlorobenzene	16.299	54 %	40 - 160		SPK: 30

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Premier Environmental Services

APPENDIX C

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. T3393

COC Number 52689

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CA Rich Consultants, Inc

ADDRESS: 17 Dupont Street

CITY: Plainview STATE: NY ZIP: 11803

ATTENTION: Eric Weinstock

PHONE: 516 576 8844 FAX: 516 576 0093

PROJECT INFORMATION

PROJECT NAME: Utility Post Rem. GW

PROJECT NO.: Utility LOCATION: Westbury

PROJECT MANAGER: Eric Weinstock

e-mail: eweinstock@CARichinc.com

PHONE: 516 576 8844 FAX: 516 576 0093

BILLING INFORMATION

BILL TO: PO#:

ADDRESS: SAME AS Client

CITY: STATE: ZIP:

ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *

STANDARD COPY: STANDARD DAYS *

DD: _____ DAYS *

TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD FORMAT _____
- ☐ USEPA CLP
- ☒ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

EPA 8021 - Halogenated ONLY

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (A)	2	3	4	5	6	7	8	9	COMMENTS
	MW-1			X	6/23/05	8:40	2	2									
	MW-2			X		8:48	2	2									
	MW-3			X		10:05	2	2									
	MW-5R			X		12:00	2	2									
	MW-6			X		11:35	2	2									
	~~MW-7S~~ MDCW-7S			X		12:35	2	2									
	~~MW-7I~~ MDCW-7I			X		1:00 pm	2	2									
	~~MW-7D~~ MDCW-7D			X		1:41 pm	2	2									
	MW-99			X		12:00 pm	2	2									
	PW 62305			X	6/23/05	1:50	2	2									

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
Michael Yager	6/23/05 3:30 pm	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
Jim Munoz	6/24/05 930	3. Jim Munoz

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant ☒ Cooler Temp. 4 °C

MeOH extraction requires an additional 4 oz jar for percent solid.

Comments:

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

52689

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. T3393

COC Number 52687

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CA Rich Consultants, Inc
ADDRESS: 17 Dupont Street
CITY: Plainview STATE: NY ZIP: 11803
ATTENTION: Eric Weinstock
PHONE: 516 576 8844 FAX: 516 576 0093

PROJECT INFORMATION

PROJECT NAME: Utility Post Rem GW
PROJECT NO.: Utility LOCATION: Westbury
PROJECT MANAGER: Eric Weinstock
e-mail: eweinstock@carichinc.com
PHONE: 516 576 8844 FAX: 516 576 0093

BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same As Client
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: STANDARD DAYS *
EDD: _____ DAYS *
TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

EPA 8021 - Halogenated ONLY

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A									← Specify Preservatives A–HCl B–HNO_3 C–H_2SO_4 D–NaOH E–ICE F–Other
-	MW-3MS			X	6/23/05	10:05 AM	2	2									
-	MW-3 MSD			X	↓	10:05 AM	2	2									
-	Field Blank			X	↓	1:55 pm	2	2									
-	Trip Blank			X	6/23/05	N/A	2	2									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
Michael Yagen	6/23/05 3:30 pm	1.
RELINQUISHED BY: 14	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY: Fedex	DATE/TIME: 6/24/05 930	RECEIVED FOR LAB BY: 3. Tim Munoz

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant ☒ Cooler Temp. 4°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

52687

From: Origin ID: (516)576-8844
~~Standard~~ MTY
CA RICH CONSULTANTS, INC
17 DUPONT STREET

PLAINVIEW, NY 11803

FedEx Express

CLS 12290-4/06/10

Ship Date: 23JUN05
Actual Wgt: 12 LB
System#: 3798256/INET2000
Account#: S *********
Dimmed: 12 X 10 X 15 IN

REF: Utility

Delivery Address Bar Code

SHIP TO: (908)789-8900 BILL SENDER
Lab Custodian
Chemtech
284 Sheffield Street

Mountainside, NJ 07092

PRIORITY OVERNIGHT FRI
Deliver By: 24JUN05

TRK# 7916 5977 2982 FORM 0201

EWR A1

07092 -NJ-US

Z3 KBCA

6/24/05 9:30 AM
DHR